MARSH LANDING GENERATING STATION

MONTHLY COMPLIANCE REPORT #22

Report Period: June 2012

For Submittal to

California Energy Commission

Sacramento, California

08 – AFC – 3C

Monthly Compliance Report

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Marsh Landing Generating Station

Monthly Compliance Report

June 2012

1.0 Current Project Construction Status

The California Energy Commission Adoption Order 10-0825-03 was issued on August 25, 2010. This Monthly Compliance Report (MCR) covers the time period from June 1, 2012 through June 31, 2012.

Construction is 59.3% complete (as of June 30, 2012). Overall SCR installation is 66.8% complete, and overall CTG installation is 68% complete.

On April 24, 2012 Kiewit discovered historic soil contamination in the Marsh Landing switchyard south of GSU 4. The contaminated soil was removed by May 19, 2012. Work resumed in the area following approval by California Department of Toxic Substances Control (DTSC) and CEC. Kiewit's drilling subcontractor completed drilling and pouring piers to support 230 kV overhead structures. Kiewit's switchyard subcontractor continued erecting monopoles and H-frames in the switchyard.

Kiewit set CT 4 and Generator 4 on June 4, 2012. Kiewit set the switchyard electrical building, GSU 4 230 kV circuit breakers, disconnect switches, insulators and buses. Kiewit set and rough aligned Units 3&4 turning gear. Siemens dressed out and oil filled GSU 4. Siemens performed electrical tests on all GSUs; all GSUs passed the tests. Hyundai dressed out unit auxiliary transformers (UATs) 1&2, and oil filled UAT 1.

Kiewit continued to install SCRs 1-4 casing and stack sections, and welding SCR internal components. Stack 1 topped out on June 15, 2012. Kiewit also continued erecting the administration/control building, Generators 2- 4 housing enclosures and air inlet filter housings. They set CTs 3&4 rotor air coolers and lube oil coolers. Kiewit began setting water treatment skids and tanks at the water treatment building.

Kiewit is installing above ground piping and conduit, installing instrumentation, and pulling electrical cable.

PG&E continued gas interconnection construction. Anticipated completion date is July 2012. The delay is not expected to impact overall project schedule.

GenOn is aware that the CPUC may order PG&E to reduce gas pipeline pressures by 20%. PG&E Gas T&D has acknowledged that it is possible that a decision by the CPUC to lower the operating pressure on Line 400 could impact the pressure to MLGS. However, PG&E is taking

steps to maintain the operating pressure in Line 400, and is reasonably confident that the expected work will be done prior to the time MLGS needs test gas.

PG&E has completed constructing the Contra Costa Power Plant switchyard 230 kV interconnection. New dead end structures and 230 kV switchyard breakers are in place.

PG&E has determined that of the three reconductoring projects identified for the CAISO Transition Cluster, only the Kelso – Tesla 230 kV line reconductoring is required due to the addition of MLGS. PG&E's current schedule shows the line operational by an expected date of May 2013. PG&E will attempt to expedite the project to obtain permits and complete much or all of their work prior to October 31, 2012, when rain season restrictions begin.

CAISO identified an additional project, Contra Costa – Moraga 230 kV line reconductoring, as also being required for CAISO Transition Cluster projects. The CAISO Transition Cluster Phase II Interconnection Study assumed that this project would be completed prior to Transition Cluster power plants coming on line. PG&E's expected completion date for Contra Costa – Moraga reconductoring is Q2 2014. PG&E is planning to re-rate a section of the existing line, reconfigure load flow at one of their substations and install a Special Protection System (SPS) prior to completion of the reconductoring project.

The other two reconductoring projects, Contra Costa Power Plant – Delta Pumps and Los Positas – Newark 230 kV lines, are required prior to the addition of Oakley Generating Station to the transmission grid.

Kiewit engineering is 96.8% complete. Major activities that are either in progress or complete include: Chief Building Official (CBO) submittals to comply with CEC Conditions of Certification and the California Building Standards Code; detailed design for pipe supports, access steel for the fuel gas heaters, performance test procedures, final electrical load list and switchyard relay settings, Instrumentation & Controls interconnects and loops updates.

Kiewit is in the process of verifying that the interconnection design meets CAISO and PG&E requirements. Kiewit made the final design submittal (relay settings) to PG&E on June 15, 2012.

Kiewit engineering activities in support of procurement are complete. Manufacturing of major balance of plant equipment is complete. Final delivery of major balance of plant equipment will be completed in July 2012.

Siemens completed engineering, procurement and manufacturing process related to gas turbine-generator equipment. GenOn received the final combustion turbine onsite on June 1, 2012.

Mitsubishi completed engineering, procurement and manufacturing process related to SCR / Ammonia Systems. Mitsubishi completed delivery of SCR / Ammonia Systems on June 8, 2012.

2.0 Required Documents Submitted with this Report

The following table lists the Conditions of Certification that require monthly input, and an indication to what if any information is included in this compliance report at the end of this section.

Condition of Certification	Description	Items Included	Subsection
AQ-SC3	Dust and Road Cleanliness issues	YES	2.01
AQ-SC5	Diesel-Fueled Engine Control	YES	2.02
AQ-SC9	Combustion Turbine Commissioning Limitation	NO	2.03
BIO-2	Biologist duties during mobilization, construction, etc.	YES	2.04
BIO-4	WEAP Trained individual' documentation	YES	2.05
BIO-5	BRMIMP Implementation Measures	YES	2.04 – (2.06)
BIO-6	Wildlife Mortality Report	YES	2.04- (2.06)
BIO-7	Monitoring of nesting activity	YES	2.06
CIVIL-1	Statement certifying that the CIVIL-1 documents have been approved by the CBO	NO	2.08
CIVIL-3	A list of non-conformance reports for the site-grading that requires a permit	YES	2.09
CIVIL-4	Copy of the CBO's approval of the final grading plans and completion	NO	2.10
CUL-5	WEAP training documentation	YES	2.11
CUL-6	Summary of cultural resources monitoring activities	YES	2.12

ELEC-1	Copy of signed and stamped approval by electrical engineer that LORS were complied with for electrical design	YES	2.13
GEN-2	Report schedule changes/updates to the facility design submittals	YES	2.14
GEN-3	Copy of CBO payments	YES	2.15
GEN-4	Copy of CBO approval of the RE and other delegated engineers	NO	2.16
GEN-5	Copy of the CBO's approval of the responsible Engineers	NO	2.17
GEN-6	Copy of all CBO approvals of qualifications of special inspectors	NO	2.18
GEN-7	Copy of CBO approval of any design or construction discrepancies after their approval	NO	2.19
GEN-8	Notification of the completion of any work	YES	2.20
MECH-1	Copy of CBO transmittal letters requesting review and approval of major plumbing or piping system final plans, specifications, and calculations. Include subsequent approvals by the CBO.	YES	2.21
MECH-2	Copies of transmittal letters from CBO and/or Cal-OSHA inspections approving documentation regarding pressure vessel design, fabrication, and installation and the conformation of all appropriate ASME or other codes.	NO	2.22
PAL-4	WEAP training documentation	YES	2.05-(2.23)

PAL-5	Summary of paleontological monitoring activities	YES	2.24
SOIL & WATER-2	Construction analysis of COC effectiveness	YES	2.25
STRUC-1	Copy of CBO statement the proposed structural plans, specifications, and calculations have been approved and comply with the requirements set forth in the applicable engineering LORS	YES	2.26
STRUC-3	Notification that the CBO has approved revisions to plans as required by the CBC	NO	2.27
STRUC-4	Copies of the CBO approvals of plan checks and inspection checks.	NO	2.28
TSE-1	Provide schedule updates for required submittals	NO	2.14-(2.29)
TSE-2	CBO Approval of the responsible project engineers	NO	2.30
TSE-4	Copy of signed and stamped approval by electrical engineer that LORS were complied with for switchyard, and outlet line and termination.	NO	2.31
WASTE-1	Asbestos management report	YES	2.32
WORKER SAFETY-3	Construction Safety Supervisor monthly safety inspection report	YES	2.33
TSE-5		NO	2.34
ADDITIONAL INFO-CA Code Compliance	NA	NO	2.35
MECH-3		NO	2.36

Marsh Landing Generating Station

08-AFC-3C

AQ-SC2 & AQ-SC3

Air Quality - Fugitive Dust Control

1. (AQ-SC3a) All unpaved roads and disturbed areas in the project and linear construction sites shall be observed daily (M-F) during the construction process for dust mitigation purposes when precipitation does not occur. A dated record of the observation shall be taken for inclusion in the monthly compliance report (MCR). Areas where additional mitigation measures are needed shall be noted.

   June 1, 2012 - Roadways are damp from water truck activity. No dust was observed.

   June 4, 2012 – Precipitation. No dust.

   June 5, 2012 – No dust was observed emanating from the site.

   June 6, 2012 – Observation from various points on the construction site did not yield any sightings of dust being generated.

   June 7, 2012 – There was a slight amount of dust being generated from a road sweeper, but it was all dissipated in the immediate area.

   June 8, 2012 – The site was well watered and no dust was observed.

   June 11, 2012 – Hot weather has resulted in some localized dust in the parking areas. There are two water trucks working the site. Additional attention will be focused on areas where dust was observed.

   June 12, 2012 – The site was watered well enough that there did not appear to be any dust being generated.

   June 13, 2012 – Water trucks were actively keeping the dust at bay.

   June 14, 2012 – Site observation revealed little dust being generated.

   June 15, 2012 – Water trucks actively keeping dust under control.

June 18, 2012 – Walked the site. Roadways were moist with little dust being produced.

June 19, 2012 – Small amounts of dust being locally generated. Water trucks spraying all areas they can reach.

June 20, 2012 –Walked the site. Water trucks were active. Very little dust being generated.

June 21, 2012 – Localized dust in some of the parking areas. Some gusty winds and some whirl winds. All dust dissipated locally. Water trucks making rounds.

June 22, 2012 – Cool and overcast. Afternoon/evening precipitation possible. Water truck is keeping dust at bay.

June 25, 2012 – No dust observed on the power block. Water truck active. Slight dust in parking areas.

June 26, 2012 - Site is calm with no dust observed.

June 27, 2012 – Much warmer day. Water truck active. Small amounts of dust on parts of construction roads.

June 28, 2012 – No dust observed being generated from the construction efforts.

June 29, 2012 – Site was fairly clear of dust. Active Water Truck.

(AQ-SC3b) Vehicles will be observed on a daily basis (M-F) for adherence to the 15 miles per hour limit within the construction site. Any excedence observed will be so noted with the actions taken to rectify the situation recorded. All records will be part of the monthly compliance report.

June 1, 2012 – Vehicles on the access roads and power block maintained speeds within the posted limits.

June 4, 2012 – Vehicles were slow and deliberate.

June 5, 2012 – Vehicles were all observed to be at the rated speed or lower.

June 6, 2012 – Vehicles were all within the posted limits.

June 7, 2012 No vehicles either on the power block, parking areas, or access roads were observed to be at excessive speeds.

June 8, 2012 A single vehicle returning to the site from lunch was observed to be traveling at excessive speed on the access road. They were immediately informed to reduce their speed - a command with which they obeyed.

June 11, 2012 No vehicles were observed to be exceeding the speed limits for the site.

June 12, 2012 All vehicles were within the prescribed limits for the site.

June 13, 2012 Vehicular traffic was slow and observant.

June 14, 2012 Cars and trucks appear to be within the speed limits for the site.

June 15, 2012 No vehicles observed exceeding the limits prescribed by the coc.

June 18, 2012 – Traffic was well within the posted limits.

June 19, 2012 – Walked the site and roadways. Did not observe any vehicles exceeding the speed limits. (Not even returning from lunch break.)

June 20, 2012 Traffic was slow and within limits.

June 21, 2012 Observed roadways and power block. Traffic was all within the limits.

June 22, 2012 Construction vehicles were within the prescribed limits.

June 25, 2012 Vehicles observed were all following posted limits.

June 26, 2012 Vehicles were slow and deliberate.

June 27, 2012 All traffic on site – including the access road – was within the posted limits.

June 28, 2012 Traffic was observed to be in compliance.

June 29, 2012 No vehicles were observed to be exceeding the posted limits.

(AQ-SC3c) The existence of the speed limit signs (15 MPH) at the construction site entrances shall be noted weekly.

June 1, 2012 - The existence of speed limit signs (10 MPH) at the construction site entrance and exit were observed.

June 6, 2012 – The speed limit signs were verified to still be hanging in there at both the site entrance and site exit.

June 8, 2012 – The speed limit signs were again verified to be in their proper places.

June 15, 2012 – Speed limit signs are in place at the point of entrance and exit from the construction site.

June 19, 2012 – Speed limit signs are posted on the access road to and from the site.

June 27, 2012 – Speed limit sign were verified on both ends of the access road to the project.

(AQ-SC3d) Signs shall be posted at each construction site entrance indicating that all vehicle tires are to be inspected and washed as necessary prior to entering paved roadways. The existence of the signs will be verified weekly. Paved roadways will be inspected weekly for verification of the effectiveness of the program with results included in the MCR.

June 1, 2012 – Signs are posted indicating the need to inspect and wash tires.

June 6, 2012 – Signs are hung indicating the need to inspect and wash tires.

June 15, 2012 – Signs are posted indicating the need to inspect tires and wash as necessary.

June 19, 2012 – Signs are in place directing inspection and washing of wheels.

June 27, 2012 – Sign are posted indicating that tires are to be inspected and washed as necessary.

(AQ-SC3e) The gravel ramps at the tire washing/cleaning stations will be observed weekly for length and general condition. Observations will be included in the MCR.

June 5, 2012 - Tire cleaning ramps are in place and exceed the minimum prescribed length. They are relatively clean.

June 8, 2012 – Crews were in the process of cleaning the tire ramps.

June 19, 2012 – Tire ramps are in place, exceed the minimum length and are in good repair and clean.

June 27, 2012 – Tire ramps are in place and in good condition.

2. (AQ-SC3f) All unpaved exits from the construction site shall be graveled or otherwise treated to prevent track-out to public roadways. Observation of the effectiveness and condition of the measures taken shall be recorded weekly.

   June 2012 - All exits between the construction site and public roadways are paved.

3. (AQ-SC3g) Fencing or other barriers shall be erected to prevent vehicles from entering the construction site through any access other than the graveled or treated entrance roadways. The status and effectiveness of the fencing/barriers shall be noted weekly for inclusion in the monthly compliance report.

   June 5, 2012 – Fencing and barriers continue to effectively control traffic from entering or exiting the construction site except through treated entrance roadways.

   June 15, 2012 – Fencing and concrete barricades are effective in controlling the flow of traffic around the construction site.

   June 19, 2012 – Fencing and barriers are doing the job directing traffic through the site.

   June 27, 2012 – Fences are keeping the traffic in designated flow patterns.

4. (AQ-SC3h) Construction areas adjacent to all paved roadways shall be reviewed weekly for adherence to the measures as specified in the Storm Water Pollution Prevention Plan. Evaluation notes from the weekly audits will be included in the monthly compliance report.

   June 1, 2012 – SWPPP measures around the roadways are in excellent condition.

   June 5, 2012 – SWPPP measures are very well maintained along the paved roadways.

   June 15, 2012 – SWPPP BMPs are in very good condition and are continuously maintained.

   June 19, 2012 – SWPPPs are in good shape and well maintained.

   (AQ-SC3i) A water truck log shall be maintained designating the sweeping or washing of paved roads within the construction site. The record will be included in the monthly compliance report.

5. (AQ-SC3j) The first 500 feet of public roadway exiting from the construction site shall be observed on a daily basis (M-F) during the construction process for dirt or other debris. A dated record of the observation shall be taken for inclusion in the monthly compliance

report (MCR). Sweeping or washing will be recorded in the water truck log for inclusion in the monthly compliance report.

June 1, 2012 – No tracking leading onto public streets.

June 4, 2012 – There is no tracking from the site access to the public street.

June 5, 2012 – There is no dirt or debris from the site onto the public roadways.

June 6, 2012 – The public street is free of dirt and debris from the construction site.

June 7, 2012 – There is no debris or dirt on the public street.

June 8, 2012 – The public street is free of any dirt or debris from the construction site.

June 11, 2012 There was slight dust, but no tracking leading onto the public street.

June 12, 2012 There did not appear to be any tracking or debris from the construction site on the public street.

June 13, 2012 The public street is free of dirt and debris from the project.

June 14, 2012 There is no tracking or dirt from the MLGS project onto the public street.

June 15, 2012 Slight amount of dust at the exit from the project onto the public street.

June 18, 2012 Small amount of dust from the paved construction road onto the public street.

June 19, 2012 The access point to the public street appears clean of dust, dirt, and debris from the construction site.

June 20, 2012 – The juncture of access road to public street is free of dirt and debris.

June 21, 2012 – The public street shows no construction dirt or debris.

June 22, 2012 – There is no tracking, dirt, or debris leading from the access road onto public streets.

June 25 2012 – Slight dust in the area of the access road.

June 26, 2012 – There is an appearance of dust in the area of intersection of the access road to the main public thoroughfare.

June 27, 2012 – Close inspection shows no tracking, dirt, or debris on the access road or the public street.

June 28, 2012 – Small amount of tracking observed leading from the access road.

June 29, 2012 – No tracking observed leading onto public street.

(AQ-SC3k) A record of all storage piles and disturbed areas shall be noted for inactivity that exceeds 10 days in length. Any disturbed areas or piles that have or are expected to exceed the 10 day rule will be treated with appropriate dust suppressant compounds. All areas that are treated with dust suppressant compounds will be noted for inclusion in the monthly compliance report.

June 5, 2012 All inactive stock piles (10 days or more) are covered and free of dust production.

June 19, 2012 Most stock piles are used more often than 10 days. Less active stock piles are tarped.

June 27, 2012 Most stock piles are actively in use or have been eliminated. Tarps are used.

6. (AQ-SC3l) The construction contractor will include with his bid proposal packages the requirement that all vehicles that are used to transport solid bulk material on public roadways and that have the potential to cause visible emissions shall be provided with a cover, or the materials shall be sufficiently wetted and loaded onto the trucks to provide at least two feet of freeboard. Trucks carrying solid bulk material arriving at the construction site will be inspected for adherence to this requirement.

7. (AQ-SC3m) Wind erosion techniques shall be used on all construction areas that may be disturbed. A record of wind erosion techniques employed for a given month shall be included in the monthly compliance report.

Techniques employed:

Roadways kept clean.

One or two watering trucks.

Tarps on stock piles

Some use of Dust Suppressant compounds

Sweeper Brush Clean up of paved roads.

Kiewit

MARSH LANDING

Water Truck Log

Date: 6-30 12

Start Time: 6:30 AM Meter Reading: 12535.3

End Time: 3:30 PM Meter Reading: 12555.2

Total ~~Gallons~~ Loads: 10

Areas: 1. Paved access road from MLGS to Wilbur access: _____ times

2. Craft Parking Area: 4 times

3. Laydown area: 5 times

4. Work Area: Grading _____ times

5. Work Area: 3, _____ times

6. Wilbur Ave Access: _____ times

Kiewit

MARSH LANDING

Water Truck Log

Date: 6-29-12

Start Time: 6:30 AM Meter Reading: 12486.1

End Time: 6:00PM Meter Reading: 12531.6

Total ~~Gallons~~ Loads: 13

Areas: 1. Paved access road from MLGS to Wilbur access: _____ times

2. Craft Parking Area: 2 times

3. Laydown area: 3 times

4. Work Area: Grading _____ times

5. Work Area: 8, stock 7 times

6. Wilbur Ave Access: _____ times

Kiewit

MARSH LANDING

11

Water Truck Log

Date: 06/29/12

Start Time: 1800 hrs Meter Reading: 125316

End Time: 0200 hrs Meter Reading: 125353

Total Gallons:_____

Areas: 1. Paved access road from MLGS to Wilbur access: _____ times

2. Craft Parking Area: _____times

3. Laydown area:_____times

4. Work Area: Grading_____times

5. Work Area:_____, _____times

6. Wilbur Ave Access:_____times

Kiewit

MARSH LANDING

111

Water Truck Log

Date: 06/29/12

Start Time: 1600 hrs Meter Reading: 12555.2

End Time: 2400 hrs Meter Reading: 12560.48

Total Gallons:_____

Areas: 1. Paved access road from MLGS to Wilbur access: _____ times

2. Craft Parking Area: _____times

3. Laydown area:_____times

4. Work Area: Grading_____times

5. Work Area:_____, _____times

6. Wilbur Ave Access:_____times

Kiewit

MARSH LANDING

Water Truck Log

Date: 06/28/12

Start Time: 6:30 AM Meter Reading: 12428.3

End Time: 6:00 PM Meter Reading: 12470.0

Total ~~Gallons~~ Loads: 13

Areas: 1. Paved access road from MLGS to Wilbur access: _____ times

2. Craft Parking Area: 2 times

3. Laydown area: 2 times

4. Work Area: Grading _____ times

5. Work Area: 8, Stock 7 times

6. Wilbur Ave Access: _____ times

Kiewit

MARSH LANDING

Water Truck Log

Date: 06/28/12

Start Time: 1800 hrs Meter Reading: 12470.0

End Time: _____ Meter Reading: 12486.1

Total Gallons: _____

Areas: 1. Paved access road from MLGS to Wilbur access: _____ times

2. Craft Parking Area: _____ times

3. Laydown area: _____ times

4. Work Area: Grading _____ times

5. Work Area: _____, _____ times

6. Wilbur Ave Access: _____ times

Kiewit

MARSH LANDING

Water Truck Log

Date: 6-27-12

Start Time: 6:30AM Meter Reading: 12369.0

End Time: 6:00 PM Meter Reading: 12411.5

Total ~~Gallons~~ Loads: 13

Areas: 1. Paved access road from MLGS to Wilbur access: _____ times

2. Craft Parking Area: 3 times

3. Laydown area: 3 times

4. Work Area: Grading _____ times

5. Work Area: 10, Stock 6 times

6. Wilbur Ave Access: 2 times

Kiewit

MARSH LANDING

Water Truck Log

Date: 06/27/12

Start Time: 1800hrs Meter Reading: 12373?

End Time: 0400hrs Meter Reading: 12428.3

Total Gallons:_____

Areas: 1. Paved access road from MLGS to Wilbur access: _____ times

2. Craft Parking Area: _____times

3. Laydown area:_____times

4. Work Area: Grading_____times

5. Work Area:_____, _____times

6. Wilbur Ave Access:_____times

Kiewit

MARSH LANDING

Water Truck Log

Date: 06/26/12

Start Time: 1800hrs Meter Reading: 12351.0

End Time: 0400hrs Meter Reading: 12369.0

Total Gallons:_____

Areas: 1. Paved access road from MLGS to Wilbur access: _____ times

2. Craft Parking Area: _____times

3. Laydown area:_____times

4. Work Area: Grading_____times

5. Work Area:_____, _____times

6. Wilbur Ave Access:_____times

Kiewit

MARSH LANDING

Water Truck Log

Date: 6-26-12

Start Time: 6:30 AM Meter Reading: 12316.9

End Time: 6:00 PM Meter Reading: 12351.0

Total ~~Gallons~~ Loads: 14 J-stand 2

Areas: 1. Paved access road from MLGS to Wilbur access: _____ times

2. Craft Parking Area: 3 times

3. Laydown area: 3 times

4. Work Area: Grading _____ times

5. Work Area: 8, stock 3 times

6. Wilbur Ave Access: 2 times

Kiewit

MARSH LANDING

Water Truck Log

Date: 6-25-12

Start Time: 6:00 AM Meter Reading: 122770

End Time: 6:00 PM Meter Reading: 122993

Total ~~Gallons~~ Loads: 14 J-stand 12

Areas: 1. Paved access road from MLGS to Wilbur access: _____ times

2. Craft Parking Area: 3 times

3. Laydown area: 3 times

4. Work Area: Grading _____ times

5. Work Area: 5, Stock 1 times

6. Wilbur Ave Access: 2 times

Kiewit

MARSH LANDING

~~IIII~~
III

Water Truck Log

Date: 06/26/12

Start Time: 1800 hrs Meter Reading: 12295.3

End Time: 0400 hrs Meter Reading: 12316.9

Total Gallons: _____

Areas: 1. Paved access road from MLGS to Wilbur access: _____ times

2. Craft Parking Area: _____times

3. Laydown area: _____times

4. Work Area: Grading_____times

5. Work Area: _____, _____times

6. Wilbur Ave Access: _____times

Kiewit

MARSH LANDING

Water Truck Log

Date: 6-23-12

Start Time: 6:30 AM Meter Reading: 12254.9

End Time: 3:30 PM Meter Reading: 12257.9

Total ~~Gallons~~ Loads: 11 J-Stand 9

Areas: 1. Paved access road from MLGS to Wilbur access: _____ times

2. Craft Parking Area: 3 times

3. Laydown area: 4 times

4. Work Area: Grading _____ times

5. Work Area: 4, _____ times

6. Wilbur Ave Access: _____ times

Kiewit

MARSH LANDING

Water Truck Log

Date: 06/23/12

Start Time: 1600hrs Meter Reading: 122579

End Time: 2400hrs Meter Reading: 122770

Total Gallons:_____

Areas: 1. Paved access road from MLGS to Wilbur access: _____ times

2. Craft Parking Area: _____times

3. Laydown area:_____times

4. Work Area: Grading_____times

5. Work Area:_____, _____times

6. Wilbur Ave Access:_____times

Kiewit

MARSH LANDING

Water Truck Log

Date: 6-22-12

Start Time: 6:30 AM Meter Reading: 12228.5

End Time: 4:00 PM Meter Reading: 12231.0

Total ~~Gallons~~ Loads: 10 J-Stand 9

Areas: 1. Paved access road from MLGS to Wilbur access: _____ times

2. Craft Parking Area: _____ times

3. Laydown area: 2 times

4. Work Area: Grading _____ times

5. Work Area: 5, Stock 3 times

6. Wilbur Ave Access: 2 times

Kiewit

MARSH LANDING

Water Truck Log

Date: 06/22/12

Start Time: [illegible] Meter Reading: 12231.0

End Time: 0200 hrs Meter Reading: 12254.9

Total Gallons:_____

Areas: 1. Paved access road from MLGS to Wilbur access: _____ times

2. Craft Parking Area: _____times

3. Laydown area:_____times

4. Work Area: Grading_____times

5. Work Area:_____, _____times

6. Wilbur Ave Access:_____times

Kiewit

MARSH LANDING

Water Truck Log

Date: 6-21-12

Start Time: 6:30 AM Meter Reading: 12201.1

End Time: 6:00 PM Meter Reading: 12212.4

Total ~~Gallons~~ Loads: 13 J-Stand 12

Areas: 1. Paved access road from MLGS to Wilbur access: _____ times

2. Craft Parking Area: 3 times

3. Laydown area: 2 times

4. Work Area: Grading _____ times

5. Work Area: 5, Stock 4 times

6. Wilbur Ave Access: _____ times

Kiewit

MARSH LANDING

Water Truck Log

Date: 06/21/12

Start Time: 1800 hrs Meter Reading: 122124

End Time: 0400 hrs Meter Reading: 12225.6

Total Gallons:_____

Areas: 1. Paved access road from MLGS to Wilbur access: _____ times

2. Craft Parking Area: _____times

3. Laydown area:_____times

4. Work Area: Grading_____times

5. Work Area:_____, _____times

6. Wilbur Ave Access:_____times

Kiewit

MARSH LANDING

Water Truck Log

Date: 6-20-12

Start Time: 6:30 AM Meter Reading: 12156.7

End Time: _____ Meter Reading: 121800

Total ~~Gallons~~ Loads: 9 J-Stand 2

Areas: 1. Paved access road from MLGS to Wilbur access: _____ times

2. Craft Parking Area: 1 times

3. Laydown area: 1 times

4. Work Area: Grading _____ times

5. Work Area: 5, Stock 4 times

6. Wilbur Ave Access: _____ times

Kiewit

MARSH LANDING

Water Truck Log

Date: 06/20/12

Start Time: 1800hrs Meter Reading: 121800

End Time: 0400Hrs. Meter Reading: 12201.1

Total Gallons:_____

Areas: 1. Paved access road from MLGS to Wilbur access: _____ times

2. Craft Parking Area: _____times

3. Laydown area:_____times

4. Work Area: Grading_____times

5. Work Area:_____, _____times

6. Wilbur Ave Access:_____times

Kiewit

MARSH LANDING

Water Truck Log

Date: 6-19-12

Start Time: 6:30 AM Meter Reading: 121115

End Time: 6:00 PM Meter Reading: 121397

Total ~~Gallons~~ Loads: 15 J-Stand 5

Areas: 1. Paved access road from MLGS to Wilbur access: _____ times

2. Craft Parking Area: 2 times

3. Laydown area: 4 times

4. Work Area: Grading _____ times

5. Work Area: 6, Stock 6 times

6. Wilbur Ave Access: _____ times

Kiewit

MARSH LANDING

Water Truck Log

Date: 06/19/12

Start Time: 1800hrs Meter Reading: 121397

End Time: 0400hrs Meter Reading: 121567

Total Gallons:_____

Areas: 1. Paved access road from MLGS to Wilbur access: _____ times

2. Craft Parking Area: _____times

3. Laydown area:_____times

4. Work Area: Grading_____times

5. Work Area:_____, _____times

6. Wilbur Ave Access:_____times

Kiewit

MARSH LANDING

Water Truck Log

Date: 6-18-12

Start Time: 6:00 AM Meter Reading: 12041.0

End Time: 6:00 PM Meter Reading: 12096.0

Total ~~Gallons~~ Loads: 16

Areas: 1. Paved access road from MLGS to Wilbur access: _____ times

2. Craft Parking Area: 2 times

3. Laydown area: 2 times

4. Work Area: Grading _____ times

5. Work Area: 5, Stock 6 times

6. Wilbur Ave Access: _____ times

Kiewit

MARSH LANDING

Water Truck Log

1

Date: 06/18/12

Start Time: 1800hrs Meter Reading: 120960

End Time: _____ Meter Reading: 12111.5

Total Gallons: _____

Areas: 1. Paved access road from MLGS to Wilbur access: _____ times

2. Craft Parking Area: _____ times

3. Laydown area: _____ times

4. Work Area: Grading _____ times

5. Work Area: _____, _____ times

6. Wilbur Ave Access: _____ times

Kiewit

MARSH LANDING

Water Truck Log

Date: 06/16/12

Start Time: 1600 hrs Meter Reading: 120198

End Time: 2400 hrs Meter Reading: 12041.0

Total Gallons: _____

Areas: 1. Paved access road from MLGS to Wilbur access: _____ times

2. Craft Parking Area: _____ times

3. Laydown area: _____ times

4. Work Area: Grading _____ times

5. Work Area: _____, _____ times

6. Wilbur Ave Access: _____ times

Kiewit

MARSH LANDING

Water Truck Log

Date: 06/15/12

Start Time: 1600 am Meter Reading: 11976.6

End Time: 0200 am Meter Reading: 11997.3

Total Gallons:_____

Areas: 1. Paved access road from MLGS to Wilbur access: _____ times

2. Craft Parking Area: _____times

3. Laydown area:_____times

4. Work Area: Grading_____times

5. Work Area:_____, _____times

6. Wilbur Ave Access:_____times

Kiewit

MARSH LANDING

Water Truck Log

Date: 6-16-12

Start Time: 6:30 AM Meter Reading: 119973

End Time: 3:30PM Meter Reading: 120198

Total ~~Gallons~~ Loads: 13

Areas: 1. Paved access road from MLGS to Wilbur access: _____ times

2. Craft Parking Area: 5 times

3. Laydown area: 4 times

4. Work Area: Grading _____ times

5. Work Area: 5, _____ times

6. Wilbur Ave Access: 3 times

Kiewit

MARSH LANDING

Water Truck Log

Date: 6-15-12

Start Time: 6:30 AM Meter Reading: 11935.0

End Time: 4:00 PM Meter Reading: 11976.6

Total ~~Gallons~~ Loads: 13

Areas: 1. Paved access road from MLGS to Wilbur access: _____ times

2. Craft Parking Area: 2 times

3. Laydown area: 2 times

4. Work Area: Grading _____ times

5. Work Area: 7, Stock 6 times

6. Wilbur Ave Access: 2 times

Kiewit

MARSH LANDING

Water Truck Log

Date: 06/14/12

Start Time: 1800hrs Meter Reading: 11913.0

End Time: 0400hrs Meter Reading: 11935.0

Total Gallons:_____

Areas: 1. Paved access road from MLGS to Wilbur access: _____ times

2. Craft Parking Area: _____times

3. Laydown area:_____times

4. Work Area: Grading_____times

5. Work Area:_____, _____times

6. Wilbur Ave Access:_____times

Kiewit

MARSH LANDING

Water Truck Log

Date: 6-14-12

Start Time: 6:30 AM Meter Reading: 11867.0

End Time: 6:00 Meter Reading: 11913.0

Total ~~Gallons~~ Loads 15

Areas: 1. Paved access road from MLGS to Wilbur access: _____ times

2. Craft Parking Area: 2 times

3. Laydown area: 2 times

4. Work Area: Grading _____ times

5. Work Area: 9, stock 5 times

6. Wilbur Ave Access: 3 times

Kiewit

MARSH LANDING

Water Truck Log

Date: 06/13/12

Start Time: 1800 hrs Meter Reading: 11851.3

End Time: 0400 hrs Meter Reading: 11867.0

Total Gallons:_____

Areas: 1. Paved access road from MLGS to Wilbur access: _____ times

2. Craft Parking Area: _____times

3. Laydown area:_____times

4. Work Area: Grading_____times

5. Work Area:_____, _____times

6. Wilbur Ave Access:_____times

Kiewit

MARSH LANDING

Water Truck Log

Date: 6-13-12

Start Time: 6:30 AM Meter Reading: 11809.5

End Time: 6:00PM Meter Reading: 11851.3

Total ~~Gallons~~ Loads: 15

Areas: 1. Paved access road from MLGS to Wilbur access: _____ times

2. Craft Parking Area: 2 times

3. Laydown area: 2 times

4. Work Area: Grading _____ times

5. Work Area: 6, Stock 5 times

6. Wilbur Ave Access: 1 times

Kiewit

MARSH LANDING

Water Truck Log

Date: 6-12-12

Start Time: 6:30 AM Meter Reading: 11736.7

End Time: 6:00PM Meter Reading: 11792.8

Total ~~Gallons~~ Loads: 13

Areas: 1. Paved access road from MLGS to Wilbur access: _____ times

2. Craft Parking Area: 2 times

3. Laydown area: 4 times

4. Work Area: Grading _____ times

5. Work Area: 6, stock 5 times

6. Wilbur Ave Access: 1 times

Kiewit

MARSH LANDING

Water Truck Log

Date: 06/12/12

Start Time: 1800hrs Meter Reading: 11792.8

End Time: 0400hrs Meter Reading: 11809.5

Total Gallons: _____

Areas: 1. Paved access road from MLGS to Wilbur access: _____ times

2. Craft Parking Area: _____ times

3. Laydown area: _____ times

4. Work Area: Grading _____ times

5. Work Area: _____, _____ times

6. Wilbur Ave Access: _____ times

Kiewit

MARSH LANDING

Water Truck Log

Date: 6-11-12

Start Time: 6:30 AM Meter Reading: 11661.5

End Time: 6:00PM Meter Reading: 11714.0

Total ~~Gallons~~ Loads: 17

Areas: 1. Paved access road from MLGS to Wilbur access: _____ times

2. Craft Parking Area: 2 times

3. Laydown area: 4 times

4. Work Area: Grading _____ times

5. Work Area: 4, stock 5 times

6. Wilbur Ave Access: 2 times

Kiewit

MARSH LANDING

Water Truck Log

Date: 06/11/12

Start Time: 1800hrs Meter Reading: 11714.0

End Time: 0400hrs Meter Reading: 11736.7

Total Gallons: _____

Areas: 1. Paved access road from MLGS to Wilbur access: _____ times

2. Craft Parking Area: _____ times

3. Laydown area: _____ times

4. Work Area: Grading _____ times

5. Work Area: _____, _____ times

6. Wilbur Ave Access: _____ times

Kiewit

MARSH LANDING

Water Truck Log

Date: 6-9-12

Start Time: 6:30AM Meter Reading: 116375

End Time: 3:30PM Meter Reading: 116615

Total ~~Gallons~~ Loads: 13

Areas: 1. Paved access road from MLGS to Wilbur access: _____ times

2. Craft Parking Area: _____ times

3. Laydown area: _____ times

4. Work Area: Grading _____ times

5. Work Area: _____, _____ times

6. Wilbur Ave Access: _____ times

Kiewit

MARSH LANDING

Water Truck Log

Date: 6-8-12

Start Time: 6:30 AM Meter Reading: 115794.0

End Time: 6:00 PM Meter Reading: 116116.9

Total ~~Gallons~~ Loads: 13

Areas: 1. Paved access road from MLGS to Wilbur access: _____ times

2. Craft Parking Area: 2 times

3. Laydown area: 2 times

4. Work Area: Grading _____ times

5. Work Area: 5, stock 4 times

6. Wilbur Ave Access: 2 times

Kiewit

MARSH LANDING

Water Truck Log

Date: 06/08/12

Start Time: 1800hrs Meter Reading: 116116.9

End Time: 0200hrs Meter Reading: 116375

Total Gallons:_____

Areas: 1. Paved access road from MLGS to Wilbur access: _____ times

2. Craft Parking Area: _____times

3. Laydown area:_____times

4. Work Area: Grading_____times

5. Work Area:_____, _____times

6. Wilbur Ave Access:_____times

Kiewit

MARSH LANDING

Water Truck Log

Date: 6-7-12

Start Time: 6:30 AM Meter Reading: 11512.6

End Time: 6:00 PM Meter Reading: 11561.9

Total ~~Gallons~~ Loads: 15

Areas: 1. Paved access road from MLGS to Wilbur access: _____ times

2. Craft Parking Area: 2 times

3. Laydown area: 2 times

4. Work Area: Grading _____ times

5. Work Area: 8, Stock 8 times

6. Wilbur Ave Access: 2 times

Kiewit

MARSH LANDING

HH

IV

Water Truck Log

Date: 06/07/12

Start Time: 1800 hrs Meter Reading: 115619

End Time: 0430 hrs Meter Reading: 115740

Total Gallons:_____

Areas: 1. Paved access road from MLGS to Wilbur access: _____ times

2. Craft Parking Area: _____times

3. Laydown area:_____times

4. Work Area: Grading_____times

5. Work Area:_____, _____times

6. Wilbur Ave Access:_____times

Kiewit

MARSH LANDING

Water Truck Log

Date: 06/06/12

Start Time: 1800am Meter Reading: 11498.2

End Time: 0400am Meter Reading: 11512.6

Total Gallons:_____

Areas: 1. Paved access road from MLGS to Wilbur access: _____ times

2. Craft Parking Area: _____times

3. Laydown area:_____times

4. Work Area: Grading_____times

5. Work Area:_____, _____times

6. Wilbur Ave Access:_____times

Kiewit

MARSH LANDING

Water Truck Log

Date: 6-6-12

Start Time: 6:30 AM Meter Reading: 11455.9

End Time: 6:00 PM Meter Reading: 11491.2

Total ~~Gallons~~ Loads: 13

Areas: 1. Paved access road from MLGS to Wilbur access: _____ times

2. Craft Parking Area: 3 times

3. Laydown area: 3 times

4. Work Area: Grading _____ times

5. Work Area: 6, stock 4 times

6. Wilbur Ave Access: 2 times

Kiewit

MARSH LANDING

Water Truck Log

Date: 06/05/12

Start Time: 1800hr Meter Reading: 11440.5

End Time: 0400hr Meter Reading: 11455.9

Total Gallons:_____

Areas: 1. Paved access road from MLGS to Wilbur access: _____ times

2. Craft Parking Area: _____times

3. Laydown area:_____times

4. Work Area: Grading_____times

5. Work Area:_____, _____times

6. Wilbur Ave Access:_____times

Kiewit

MARSH LANDING

Water Truck Log

Date: 6-5-12

Start Time: 6:30 AM Meter Reading: 11395.8

End Time: 6:00 PM Meter Reading: 11440.5

Total ~~Gallons~~ Loads: 15

Areas: 1. Paved access road from MLGS to Wilbur access: _____ times

2. Craft Parking Area: 2 times

3. Laydown area: 3 times

4. Work Area: Grading _____ times

5. Work Area: 6, Stock 6 times

6. Wilbur Ave Access: 2 times

Kiewit

MARSH LANDING

Water Truck Log

Date: 06/04/12

Start Time: 1800hrs Meter Reading: 11382.2

End Time: 0400hrs Meter Reading: 11395.8

Total Gallons:_____

Areas: 1. Paved access road from MLGS to Wilbur access: _____ times

2. Craft Parking Area: _____times

3. Laydown area:_____times

4. Work Area: Grading_____times

5. Work Area:_____, _____times

6. Wilbur Ave Access:_____times

Kiewit

MARSH LANDING

Water Truck Log

Date: 6-4-12

Start Time: 6:00AM Meter Reading: 113570

End Time: 6:00PM Meter Reading: 113822

Total ~~Gallons~~: 11

Areas: 1. Paved access road from MLGS to Wilbur access: _____ times

2. Craft Parking Area: 2 times

3. Laydown area: 3 times

4. Work Area: Grading _____ times

5. Work Area: 5, Stock 3 times

6. Wilbur Ave Access: 3 times

Kiewit

MARSH LANDING

Water Truck Log

Date: 6-2-12

Start Time: 6:30 AM Meter Reading: 11335.3

End Time: 4:00 PM Meter Reading: 11357.0

Total ~~Gallons~~ Loads: 12

Areas: 1. Paved access road from MLGS to Wilbur access: _____ times

2. Craft Parking Area: 3 times

3. Laydown area: 3 times

4. Work Area: Grading _____ times

5. Work Area: 5, _____ times

6. Wilbur Ave Access: 6-2-12 times

Kiewit

MARSH LANDING

11338.3

Water Truck Log

HHH

Date: 06/01/12

Start Time: 1800h Meter Reading: ~~11278.2~~ 11320.3

End Time: 0400h Meter Reading: 11338.3

Total Gallons:_____

Areas: 1. Paved access road from MLGS to Wilbur access: _____ times

2. Craft Parking Area: _____times

3. Laydown area:_____times

4. Work Area: Grading_____times

5. Work Area:_____, _____times

6. Wilbur Ave Access:_____times

Kiewit

MARSH LANDING

Water Truck Log

Date: 6-1-12

Start Time: 6:30 AM Meter Reading: 11278.2

End Time: 6:00 PM Meter Reading: 11320.3

Total ~~Gallons~~ Loads: 16

Areas: 1. Paved access road from MLGS to Wilbur access: _____ times

2. Craft Parking Area: 3 times

3. Laydown area: 3 times

4. Work Area: Grading _____ times

5. Work Area: 5, Stock 5 times

6. Wilbur Ave Access: 4 times

Kiewit

MARSH LANDING

Street Sweeper Log

Date: 06-29-12

Time: 9:00

Time: 9:45

Time: 3:00 #2

Time: 3:45 #1

Time:

Time:

1. Paved access road from MLGS to Wilbur access
2. Paved access GenOn

Kiewit

MARSH LANDING

Street Sweeper Log

Date: 6-28-12

Time: 9:00 #2

Time: 9:30 #1

Time: 3:30 #2

Time: 4:15 #1

Time:

Time:

1. Paved access road from MLGS to Wilbur access
2. Paved access GenOn

Kiewit

MARSH LANDING

Street Sweeper Log

Date: 6-27-12

Time: 9:00 #2

Time: 9:30 #1

Time: 4:00 #1

Time: 4:45 #2

Time: _____

Time: _____

1. Paved access road from MLGS to Wilbur access
2. Paved access GenOn

Kiewit

MARSH LANDING

Street Sweeper Log

Date: 6-26-12

Time: 9:00 #2

Time: 9:30 #1

Time: 4:30

Time: 5:00

Time:

Time:

1. Paved access road from MLGS to Wilbur access
2. Paved access GenOn

Kiewit

MARSH LANDING

Street Sweeper Log

Date: 6-25-12

Time: 9:30 Time: 10:30

Time: 4:00 #2 Time: 5:00 #1

Time: Time:

1. Paved access road from MLGS to Wilbur access
2. Paved access GenOn

Kiewit

MARSH LANDING

Street Sweeper Log

Date: 6-22-12

Time: 9:00 #2

Time: 10:00 #1

Time: 2:30 #1

Time: 3:36 #2

Time:

Time:

1. Paved access road from MLGS to Wilbur access
2. Paved access GenOn

Kiewit

MARSH LANDING

Street Sweeper Log

Date: 6-21-12

Time: 9:00 Time: 9:30

Time: 4:00 #1 Time: 4:30 #2

Time: 5:00 #Brick Building Time:

1. Paved access road from MLGS to Wilbur access
2. Paved access GenOn

Kiewit

MARSH LANDING

Street Sweeper Log

Date: 6-20-12

Time: 9:00 #2

Time: 9:45 #1

Time: By Brick Building 4:00

Time:

Time: 4:30 #1

Time: 5:00 #2

1. Paved access road from MLGS to Wilbur access
2. Paved access GenOn

Kiewit

MARSH LANDING

Street Sweeper Log

Date: 6-19-12

Time: 9:00 #2

Time: 9:45 #1

Time: 4:00

Time: 4:45

Time:

Time:

1. Paved access road from MLGS to Wilbur access
2. Paved access GenOn

Kiewit

MARSH LANDING

Street Sweeper Log

Date: 6-18-12

Time: 9:00 #2

Time: 9:30 #1

Time: 4:00 In Front of Brick Building

Time: 4:30 #2

Time: 5:00 #1

Time:

1. Paved access road from MLGS to Wilbur access
2. Paved access GenOn

Kiewit

MARSH LANDING

Street Sweeper Log

Date: 06-15-12

Time: 9:30 #2

Time: 2:00 #1

Time: 3:10 #2

Time:

Time:

Time:

1. Paved access road from MLGS to Wilbur access
2. Paved access GenOn

STATEWIDE CONSTRUCTION SWEEPING

760 E.Capitol Ave.
Milpitas, CA 95035
Tel: 800-647-9337
Fax: 408-258-0122

STOCKTON SWEEP TICKET

INVOICE #
Statewide JOB #
DATE 6/6
Certified Yes No

BILL TO: Kiewit Power Constructors
PROJECT NAME:
LOCATION: 3201 Wilbur Ave.
CITY: Antioch
JOB #: 14501
PO #:
REQUESTED BY: Raja
PHONE: 916-496-6946
BILL PHONE #: FAX:
JOB PHONE #: same
BILLING CONTACT:
JOB CONTACT:
SWEEP DATE: Thu 6/7
DUE ON JOB: 7:30 am
START TIME: 7:30-4 STOP TIME: 3:30 pm
DUMP FEES WILL BE CHARGED BY CUBIC YARDS.
(Cost Per Yard TBD by Dump Location)
SPECIAL INSTRUCTIONS:
ACCEPTANCE $

TRAVEL TIME: HRS. @ = $
SWEEP TIME: HRS. @ = $
OVERTIME: HRS. @ = $
MISC. HRS. @ = $

PYMT. TYPE: ON ACCOUNT / COD CHK. # TOTAL $
CIRCLE ONE
ACCEPTANCE: R. Hook PRINT/DATE:
SWEEPER OPERATOR: Jesus R. SWEEPER: JESUS

Statewide and Client agree that in the event Statewide's invoices are not paid within thirty (30) days of issuance, Statewide shall be entitled to charge interest at the rate of ten percent (10%) per annum on overdue amounts until paid in full. Statewide and Client also agree the in the event Statewide is required to commence any action, legal or otherwise, to collect amounts owing, it shall be entitled to collect its reasonable attorney's fees and costs incurred as the prevailing party.

WHITE / FILE **YELLOW / CUSTOMER** **PINK / DISPATCH**

Proforma J.C.L Print Associates FM-002 REV 6/09

Kiewit

MARSH LANDING

Street Sweeper Log

Date: 6-13-12

Time: 9:00 #2

Time: 9:30 #1

Time: 4:30 #2

Time: 5:00 Brick Building

Time:

Time:

1. Paved access road from MLGS to Wilbur access
2. Paved access GenOn

Kiewit

MARSH LANDING

Street Sweeper Log

Date: 06-14-12

Time: 9:00 #2

Time: 9:30 #1

Time: 3:30 In Front Brick Building

Time: 4:15 ~~4:00~~ Back of Brick Building

Time: 4:30 #2

Time: 5:00 #1

1. Paved access road from MLGS to Wilbur access
2. Paved access GenOn

Kiewit

MARSH LANDING

Street Sweeper Log

Date: 6-12-2012

Time: 9:00 #2

Time: 9:45 #1

Time: 4:30 #2

Time: 5:00 #1

Time:

Time:

1. Paved access road from MLGS to Wilbur access
2. Paved access GenOn

Kiewit

MARSH LANDING

Street Sweeper Log

Date: 06-11-12

Time: 9:00 #2

Time: 4:30 #2

Time: 5:00 #1

Time:

Time:

Time:

1. Paved access road from MLGS to Wilbur access
2. Paved access GenOn

Kiewit

MARSH LANDING

Street Sweeper Log

Date: 6-8-12

Time: 3:30 #2

Time: 4:30 #1

Time:

Time:

Time:

Time:

1. Paved access road from MLGS to Wilbur access
2. Paved access GenOn

Kiewit

MARSH LANDING

Street Sweeper Log

Date: 6-5-12

Time: 9:00 #2

Time: 9:30 #1

Time: 4:00 #2

Time: 4:45 #1

Time:

Time:

1. Paved access road from MLGS to Wilbur access
2. Paved access GenOn

Kiewit

MARSH LANDING

Street Sweeper Log

Date: 6-4-12

Time: 9:30 #2

Time: 10:15 #1

Time: 4:00 #

Time: 4:30 #1

Time:

Time:

1. Paved access road from MLGS to Wilbur access
2. Paved access GenOn

Kiewit

MARSH LANDING

Street Sweeper Log

Date: 06-01-12

Time: 9:15 Time: 10:00

Time: 3:30 Time: 4:15

Time: Time:

1. Paved access road from MLGS to Wilbur access
2. Paved access GenOn

Marsh Landing Generating Station Off Road Diesel Log

Date	Equipment #	Type	Model or S/N	Engine Family	EIN #	< 6 Days on Site	< 50 HP	Engine TIER	TIER Record	Owner	Maint Letter/Rcrds On File	Days Expected on Site	Date Off Site
2/15/2011	113485	JD Excavator Deere	350D	8JDXL09.102	PW8N94			3	(AC)	United Rental	X	60	4/22/2011
2/15/2011	Springline	25 KVA	25KW	Whisper Watt	N/A		X					60	5/5/2011
2/15/2011	HF08032	Hyster Forklift	210	7CEXL0409AAC	PY5K94			3	(AB)	Pape	X	45	5/5/2011
2/15/2011	48-0716	Gehl Extendable Fork Lift	DL12-40	8JDXL06.8105	TJ9W45			3	(AA)	PKS	X	750	
2/16/2011	1125672	JD Excavator Deere	350D	7HDXK09.0102	GT8F58			3	(AD)	United Rental	X	60	4/22/2011
2/18/2011	1126861	Light Plant	MQ		N/A		X			United Rental	X	750	3/4/2011
2/18/2011	20-2234	IR Compressor	P-185		N/A		X			PKS		750	
2/25/2011	1162849	Bobcat	T190	AKBXL02.6EAD	6N6C98			4	(AG)	United Rental	X	28	3/18/2011
2/25/2011	1169832	Extendable Forklift	JLG G12-55A	ACEXL0275AAG	ME8R55			3	(AE)	United Rental	X	60	3/23/2011
3/1/2011	504-977271	Deere Backhoe	710	7JDXL06.8041	CDGE85			3	(AF)	United Rental	X	30	3/29/2011
3/1/2011	516-736599	25 KW GEN	25KW	AKBXL026EAD 7106595	N/A		X			United Rental	X	60	4/15/2011
3/2/2011		Terex Crusher		7CPXL08.8ESK	D06B94			3	(AH)	Power Screen	X	60	4/20/2011
3/8/2011	54226	Excavator	X350LCH	75ZXL07.8HXB	PF6T33			3	(AJ)	Mecon	X	60	3/18/2011
3/10/2011		JD Skip Loader	210LE	4JDXL04.5025	HL8F77			2	(AK)	United Rental	X	14	3/18/2011
3/10/2011	9509806016	Roller	IR 5D-70	5CEXL0275AAC	FG4A98			2	(AL)	Hertz	X	14	3/18/2011
3/10/2011		Sweeper			TU6G86		X			PKS		750	3/24/2011
3/10/2011		Mechanical Van Generator			N/A		X			PKS		750	
3/23/2011	1016088	JLG Extendable Forklift		7CEXL0275	DD5M55			3	(AM)	United Rental	X	30	4/26/2011
3/23/2011		Excavator		7SZXL05.21XA	MX3J97			3	(AN)	Mecom	X	30	4/26/2011
3/23/2011	2703678	John Deere 710 Backhoe	JD710	8JDXL06.8041	HS8U59			3	(AO)	Pape	X	750	12/8/2011
3/24/2011	1178596	Manlift	600AJ		CG9C99		X	(4)		United Rental	X	30	4/14/2011
3/24/2011	28-0316	Roller Broom			YN6S97		X			PKS		750	
3/25/2011	1179436	Loader	JD 644	AJDXL06.8115	JL7U58			3	(AP)	United Rental	X	30	4/18/2011
3/29/2011	10-9901	Excavator		8SZXL03.0JTA	SY8V36			3	(AQ)	United Rental	x	30	4/26/2011
4/7/2011	#NM26740	Tack Loader	Cat 973	7CPXL08.8ESK				3	(AR)	Cresco	x	14	4/19/2011

Date	Equipment #	Type	Model or S/N	Engine Family	EIN #	< 6 Days on Site	< 50 HP	Engine TIER	TIER Record	Owner	Maint Letter/Rcrds On File	Days Expected on Site	Date Off Site
4/7/2011	5-9901	Bulldozer (D9)		ACPXL18.1ESK	EM8V93			3	(AT)	Cresco	X	30	5/10/2011
4/7/2011	8-9901	Blade		8CPXL11.1ESK	LM3G86			3	(AS)	HOLT	X	120	6/20/2011
4/7/2011	8-9901	Blade		8CPXL11.1ESK	LM3G86			3	(AS)	HOLT	X	120	6/20/2011
4/7/2011	11-1509	Compactor		7CPXL15.2ESK				3	(AU)	PKS	X	180	9/16/2011
4/7/2011	4-3276	Back Trailer					X			PKS	X	180	12/1/2011
4/8/2011	549-26-8005	Generator	MultiquipDCA300ss	8KLXL11.0D06				3	(AV)	Hertz	X	60	8/15/2011
4/11/2011	461	CME75 Drill Rig	Cummins			X				Layne		4	4/14/2011
4/11/2011	Backhoe	825 Case				X				Layne		4	4/14/2011
4/15/2011		Excavator	325DL	MC9H37		X						5	4/19/2011
4/15/2011	12-9903	Scrapper	s/n CEH00423	4CPXL18.0HSK	SN586			2	(AZ)	HOLT	X	60	5/10/2011
4/15/2011	12-9904	Scrapper	s/n CEH00424	4CPXL18.OHSK	XD8X57			2	(BA)	HOLT	X	60	5/10/2011
4/15/2011	12-9901	Scrapper	s/n DFJ00228	5DOXK18.1ESK	BE8S55			3	(AX)	HOLT	X	60	5/19/2011
4/15/2011	12-9902	Scrapper	s/n DFJ000229	5CPXL18.1ESK	JF3W87			3	(AY)	HOLT	X	60	5/19/2011
4/15/2011	10-9902	Excavator	s/n PJW01076	6CPXL12.5ESK	KD7E86			3	(AW)	HOLT	X	90	7/14/2011
4/18/2011	11-9902	Roller	NM28923	APKXL06.6PJ2	HH6H89			3	(BB)	Cresco	X	60	6/20/2011
4/21/2011	812036	JD Skip Loader	210LE	4JDXL04.5025	EC5U96			2	(BC)	United Rental	X	60	5/5/2011
5/9/2011	435121	Excavator	TB180FR		RE3K34	X				United Rental		5	5/13/2011
5/10/2011	NM28692	CAT Bulldozer	D6KXL	8PKXL06.6PJ2	TU6V38			3	(BD)	PKS	X	365	5/8/2012
5/11/2011	1202223	4 yard wheel loader	Case 821F 4	BVEXL06.7SCA	RA4H99			4	(BE)	United Rental	X	60	6/27/2011
5/16/2011	1113618	John Deere 135D Excavator		8SZXL03.DJTA	SY8V36			3	(BF)	United Rental	X	60	7/7/2011
5/17/2011	7378886	Manlift				X				United Rental		5	5/24/2011
5/17/2011	1198654	Forklift			LL3D35	X				United Rental		5	5/24/2011
5/17/2011	1197083	Takeuchi Excavator	TB-180	AYDXL3.32M4N	TA7N35			4	(BG)	United Rental	X	60	7/7/2011
5/19/2011	CB-224E	Compactor			NG5C97	X				Vintage Paving		3	5/20/2011
5/19/2011	R0038	Compactor			TY6A55	X				Vintage Paving		3	5/20/2011
5/19/2011	006	Skip Loader	210 C		MC4544	X				Vintage Paving		3	5/20/2011
5/23/2011	6-9904	Skip Loader	570 MX3		FR4G57	X				United Rental		5	5/27/2011
5/23/2011	966H	CAT Loader		ACPXL11.1ESK	SG3G75			3	(BH)	PKS	X	700	
6/1/2011	1082	Pettibone 304A	Super 30 Model 304A	7CEXL050AAE	ML8T58			3	(BJ)	Foundation Inc	X	90	12/1/2011
6/1/2011	1049	Crane	Manitowoc 4000	9CEXL00661AAF	EW9F88			3	(BI)	Foundation Inc	X	300	2/1/2012
6/8/2011	6104	6104 HPSI Power Pack	JSC03174	7CPXL08.8ESK	141362			3	(BK)	Foundation Inc	X	90	1/1/2012
6/10/2011	EX200	Excavator	Cat321D	8MVXL06.4FF	YL7X44			3	(BL)	United Rental	X	90	7/1/2011

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6/10/2011	#124755123	Backhoe	420	8PKXL04.4NH1	HH6U56			3	(BM)	Cresco	X	90	7/15/2011
6/14/2011	22-9906	Generator	DCA-25SS1U2				X			United Rental		21	7/13/2011
6/14/2011	549-26-0011	Generator	22-9904	ACEXL0540AAB				3	(BN)	Hertz		60	8/15/2011
6/26/2011	966-H	CAD Loader			JP9V45	X				Peterson		5	7/6/2011
7/7/2011	NMZ6432	Excavator	CAT 325D	6CPXL07.2ESL	FE9M98			3	(BO)	Cresco	X	60	7/15/2011
7/7/2011		Lincoln 300 Welder	768-30-6248-HPS				X			Hertz		60	9/1/2011
7/8/2011		Manlift			DVSF74	X				United Rental		5	7/10/2011
7/8/2011	1005	Crane			MT6B87			3	(BP)	Foundation Inc	X	60	12/1/2011
7/8/2011	6017	Power Pack						3	(BQ)	Foundation Inc	X	60	12/1/2011
7/8/2011		Steam Cleaner					X			PKS		700	
7/12/2011	11-9904	Rollar CAT CS56	NM2895	AOJXK06.6PJ2				3	(BS)	Cresco	X	30	8/15/2011
7/12/2011	10-9903	CAT 314D Excavator	CRS16763	BMVXL04.2CCC	RY7G54			3	(BT)	HOLT	X	30	8/15/2011
7/12/2011	1068	Pettibone	Super 30 Forklift	9CEXLO505AAE	LP8G94			3	(BR)	Foundation Inc	X	90	2/1/2012
7/13/2011	1184-4018	Excavator 315C	NM26034		SA3E75	X				Cresco		5	7/18/2011
7/15/2011	124755123	Backhoe	315 C	8PKXL04.4NH1	EV9U66			3	(BU)	Cresco	X	60	7/19/2011
7/15/2011	BW123PDH-3	Roller			EJ4E89	X				United Rental		5	7/19/2011
7/15/2011	006-18-5879	Ingersol Rand R185	Compressor				X			Hertz		270	3/1/2012
7/25/2011	22-940	Generator	609-815340		N/A		X			United Rental		45	9/12/2011
8/2/2011	1196536	Extended Fork Lift		BJDXL06.8117	XV7L67			3	(BU)	United Rental	X	60	10/2/2011
8/5/2011		Excavator				X						5	8/10/2011
8/5/2011	1125638	Bobcat Fork Lift			DB5M34		X			United Rental		60	10/2/2011
8/8/2011	10-3073	Excavator	CAT 328D	ACPXL07.2ESL	DW6P79			3	(BV)	PKS	X	600	
8/9/2011	1065766	Manlift	SkyJack		XD7W34		X			United Rental		30	9/9/2011
8/24/2011	21-3076	Lincoln Welder	Commander 500				X			PKS		600	
8/24/2011	21-2654	Lincoln Welder	Commander 500				X			PKS		600	
8/24/2011	21-2669	Lincoln Welder	Commander 500				X			PKS		600	
9/7/2011	37-9902	Skid Steer		AKBXL03.3CAD	GV9B54			4I	(BY)	UR	X	30	9/19/2011
9/7/2011	37-9901	Skid Steer		AKBL02.6EAD	RN6C98			4I	(BZ)	UR	X	30	9/19/2011
9/7/2011	37-2141	Loader	Volvo L110E	6DZXL07.1053	PV4B63			3	(BW)	PKS	X	365	5/29/2012
9/7/2011	10-3093	Excavator	CAT 345E	BCPXL12.5HPA	NR5E45			3	(BX)	PKS	X	365	3/20/2012
9/7/2011	10-9478	Excavator	Volvo	ADZXL04.1076	MN7V55			3	(CA)	PKS	X	365	3/6/2012
9/13/2011	15-3301	Crane	GR-750Xl	AMFTL07.5M6A	JY8J98			3	(CB)	PKS	X	560	
9/13/2011	6-9905	Skip Loader	570 MXT	BNHXL04.5DTD	RF4G57			3	(CD)	United Rental	X	21	10/13/2011

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9/14/2011	48-0839	Xtreme Forklift	XR1255	BPKXL04.4NJ1	LA4N78			3	(CC)	PKS	X	560	
9/19/2011	10-9904	Excavator	NM28969	AMVXL02.5FFF	GR3G47			4I	(CE)	Cresco	X	90	1/19/2012
9/19/2011	6.00	Skip Loader	JD210LJ	AJDXL06.8106	M58V33			3	(CF)	PKS	X	560	
9/21/2011	10-3094	Excavator	CAT 314D	BMVXL04.2CCC	HH6D79			3	(CG)	PKS	X	560	
9/21/2011	No. 412	Fusion Machine	McElroy				X			PKS		560	
9/23/2011	11-9905	Roller	BW177D-40	8CEXL03.3ACC	XR7T55			3	(CH)	United Rental	X	560	10/18/2011
10/3/2011	22-9911	Whisper Watt	DCA-25US1	ISUZU AA-4-E2	N/A		X			United Rental		60	10/18/2011
10/3/2011	22-5736	MGTPower	DCA-25SS1U3	ISUZU 4LE2	N/A		X			PKS		180	
10/6/2011	10-9908	Miller Welder	Big Blue 300D		N/A		X			United Rental		30	9/7/2011
10/10/2011	1012349	Miller Welder	Big Blue 300D		N/a		X			United Rental		30	10/18/2011
10/10/2011	10-9905	Excavator	Kamatsu 308	AKLXL0409AAB	LV3N35			3	(CI)	PKS	X	240	5/15/2012
10/14/2011	11-9906	CAT PAD Drum Roller	CS44	BPKXL04.4NH1				3	(CJ)	PKS	X	240	
10/18/2011	22-5644	Diesel Light Standard			N/A		X			PKS		560	
10/18/2011	22-5632	Diesel Light Standard			N/A		X			PKS		560	
10/18/2011	22-5630	Diesel Light Standard			N/A		X			PKS		560	
10/18/2011	22-5637	Diesel Light Standard			N/A		X			PKS		560	
10/28/2011	10-9906	Excavator	CAT349E	BCPXL12.5HPA	XF3E55			4A	(CK)	HOLT	X	30	11/28/2011
10/28/2011	036-32	Generator	WhisperWatt 45	BSZXL03.OUTB	N/A			4I	(CL)	CD POWER	X	180	
11/17/2011	42-1253	Manlift	SkyPower	8DZXL03.1041	KE3L39		X	4I	(CN)	PKS	X	530	
11/18/2011	22-9911	Diesel Light Standard			N/A		X			United Rental		530	4/13/2012
11/18/2011	22-9912	Diesel Light Standard			N/A		X			United Rental		530	
11/18/2011	22-9913	Diesel Light Standard			N/A		X			United Rental		530	
11/20/2011	15-3142	Crane	Liebherr LF-1280	8LHAL24.2VCE	TH9B39			3	(CM)	PKS	X	540	
11/22/2011	22-5739	MG Diesel Generator	7110879	Isuzu 4LE2	N/A		X			PKS		180	
11/30/2011	15-3314	Crane	GR1000XL	AMFTL07.5M6A	UR4T38				(CO)	PKS	X	520	
11/30/2011	52-9904	Fusion Machine					X			PKS		90	1/1/2012
12/9/2011	22-5886	Diesel Light Standard	WANCO		N/A		X			PKS		360	
12/9/2011	22-5887	Diesel Light Standard	WANCO		N/A		X			PKS		360	
12/9/2011	48-9903	Forklift	XR1254	9PKXL04.4RJ3	XF4G84			3	(CP)	AHREN	X	210	3/1/2012
12/9/2011	10-9907	Excavator	305.5D	AMVXL02.5FFF	XN8Y48			4I	(CQ)	CRESCO	X	60	1/18/2012
12/16/2011	816418	Generator	MQ Power	DCA255SIUZ	N/A		X			United Rental		30	1/16/2012
12/16/2011	22-9916	Light Plant	Magnum		N/A		X			United Rental		30	4/13/2012
12/16/2011	22-9917	Light Plant	Magnum		N/A		X			United Rental		30	4/13/2012

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12/16/2011	22-9918	Light Plant	Magnum		N/A		X			United Rental		30	4/13/2012
12/16/2011	22-9920	Light Plant	Magnum		N/A		X			United Rental		30	4/13/2012
12/16/2011	22-9923	Light Plant	Magnum		N/A		X			United Rental		30	4/13/2012
12/16/2011	22-9924	Light Plant	Magnum		N/A		X			United Rental		30	4/13/2012
12/16/2011	22-9929	Light Plant	Magnum		N/A		X			United Rental		30	4/13/2012
12/16/2011	22-9930	Light Plant	Magnum		N/A		X			United Rental		30	
12/16/2011	22-9931	Light Plant	Magnum		N/A		X			United Rental		30	
12/16/2011	22-9932	Light Plant	Magnum		N/A		X			United Rental		30	
12/27/2011	440224	Crane	Manitowoc 16000	7CEXL015.AAE	TV3X64			3	(CR)	Bigge	X	240	
12/27/2011	XR3034	Forklift	XRM3034	BPKXL04.4NJ1	YR6L76			3	(CS)	Kiewit	X	475	
1/9/2012	42-9903	Boomlift	1350SJP	8DZXL03.6082	TW8X39			4I	(CT)	United Rental	X	365	
1/9/2012	42-9904	Boomlift	1350SJP	8DZXL03.6082	TW8X39			4I	(CU)	United Rental	X	365	
1/12/2012		Forklift				X				Bigge		5	1/17/2012
1/12/2012	10-NEW305.5	Excavator		BMVXL02.5EEE				4I	(CV)	Kiewit	X	450	
1/12/2012	22-9928	Generator		BSZXL05.21XB	N/A			3	(CW)	United Rental	X	60	3/1/2012
1/12/2012	42-Building	Manlift		BDZXL03.1041	KU7J57		X	(4I)			< 50 hp	60	3/1/2012
1/18/2012	22-9933	Light Plant	Magnum		N/a		X			United Rental		180	4/13/2012
1/18/2012	22-9934	Light Plant	Magnum		N/a		X			United Rental		180	
1/18/2012	22-9935	Light Plant	Magnum		N/a		X			United Rental		180	
1/18/2012	22-9936	Light Plant	Magnum		N/a		X			United Rental		180	
1/18/2012	22-9937	Light Plant	Magnum		N/a		X			United Rental		180	4/13/2012
1/18/2012	22-9938	Light Plant	Magnum		N/a		X			United Rental		180	4/13/2012
1/18/2012	22-9939	Light Plant	Magnum		N/a		X			United Rental		180	4/13/2012
1/18/2012	22-9940	Light Plant	Magnum		N/a		X			United Rental		180	4/13/2012
1/18/2012	22-9941	Light Plant	Magnum		N/a		X			United Rental		180	
1/18/2012	22-9942	Light Plant	Magnum		N/a		X			United Rental		180	
1/18/2012	22-9943	Light Plant	Magnum		N/a		X			United Rental		180	
1/18/2012		Welding Machine			N/a		X			United Rental		120	
1/18/2012		Welding Machine			N/a		X			United Rental		120	
1/18/2012		Lincoln Welder	Vantage 500		N/a		X			Kiewit		365	
1/18/2012	6-9907	Backhoe			TN6K74	X				United Rental		5	1/23/2012
1/18/2012	15-3326	Crane	Tadono GR-750	AMFTL07.5M6A		X		3	(CX)	Kiewit	X	360	
1/18/2012		Air Compressor	P-185		N/a		X			Kiewit		180	

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1/20/2012		Excavator	Zaxis 350LcH		RM5K77	X				Mecom		5	1/25/2012
1/23/2012	3-9904	Truck	326805	BCEXL0409AAC				3	(CY)	Mid-Pacific	X	440	
1/27/2012	20-9901	Sullair Air Compressor	Unit #1011074	7PKXL04.4NJ1	N/A			3	(CZ)	United Rental	X	180	
1/27/2012	42-9905	Manlift	SkyPower 350JP	ADZXL03.6082	E15T49			3	(DA)	United Rental	X	365	
2/7/2012	48-0706	Forklift	Hyster 360	7CEXL0409AAC	XV8L75			3	(DB)	PKS	X	450	
2/7/2012	15-3013	Crane	GR600XL	7MFTL07.5M6A				3	(DC)	PKS	X	450	
2/7/2012	42-9907	Manlift	481-93-0003	ADZXL03.6082				4I	(DD)	Hertz	X	450	
2/7/2012	F79	Forklift	ZB20044SkyJack	8CEXL0275AAG	XE7H69			3	(DE)	Bigge	X	450	
2/7/2012	1099097	Welding Machine					X					60	
2/7/2012	962576	Welding Machine	Miller				X			United Rental		60	
2/7/2012	429906	Manlift			LW9W46		X			United Rental		450	
2/8/2012	468-48-0026	Manlift					X			Hertz		450	
2/10/2012	468-45-0131	Manlift	450AV				X			Hertz		180	
2/10/2012	21-4249	Lincoln Welder	Vantage				X			PKS		440	
2/15/2012	15-9903	Crane	248 Hylab 5		TX3X57			3	(DF)	Maxim	X	400	
2/23/2012	21-9904	Miller Welder					X					400	
2/23/2012	10-9909	CAT-305	NM28965	BMVXL02.5EEE	XS6U65			4I	(DG)	Cresco	X	100	4/16/2012
3/1/2012	PM8VA	Heavy Haul Tractor	2PTG23042CE					0	(DL)	Bigge		75	6/1/2012
3/6/2012		Manlift					X						
3/6/2012	1190648	Manlift	Genie Z-135	ADZXL03.6082	LW9E86			4I	(DH)	United Rental	X	400	
3/6/2012	46894001	Manlift	Genie Z-135	ADZXL03.6082	TS7A97			4I	(DI)	Hertz	X	400	
3/15/2012	99340	Forklift		BJDXL04.5112				3	(DJ)	Sunstate	X	180	
3/26/2012	15-9904	Crane	150112	ACEXL0409AAB	AX8V89			3	(DK)	Coast Crane Co	X	180	
4/9/2012	42-9914	Manlift	1105398	BDZXL03.6081	WJ7V49			4I	(DM)	United Rental	X	180	
4/9/2012	42-9915	Manlift	10029476	BDZXL03.6081				4I	(DN)	United Rental	X	180	
4/9/2012	006-37-8027	Air Compressor	I-R XP375AWI	8JDXL06.8105	N/A			3	(DO)	Hertz		30	
4/9/2012	22-5951	Light Plant	Magnum		N/A		X			Kiewit		365	
4/9/2012	22-5952	Light Plant	Magnum		N/A		X			Kiewit		365	
4/9/2012	22-5953	Light Plant	Magnum		N/A		X			Kiewit		365	
4/9/2012	22-5954	Light Plant	Magnum		N/A		X			Kiewit		365	
4/9/2012	22-5955	Light Plant	Magnum		N/A		X			Kiewit		365	
4/9/2012	22-5956	Light Plant	Magnum		N/A		X			Kiewit		365	
4/9/2012	22-5957	Light Plant	Magnum		N/A		X			Kiewit		365	

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4/9/2012	22-5958	Light Plant	Magnum		N/A		X			Kiewit		365	
4/9/2012	22-5959	Light Plant	Magnum		N/A		X			Kiewit		365	
4/9/2012	22-5960	Light Plant	Magnum		N/A		X			Kiewit		365	
4/10/2012	412-10-0321	Forklift	G10-55A	BCEXL0409AC	NV8S38			3	(DP)	Hertz	X	30	
4/13/2012		Linked Belt Crane	N6K1-2109	ASZXL07.8HXA	WJ6J57			3	(DQ)	Nixon-EGLI	X	180	
4/13/2012	10034546	Manlift	S-60X				X			United Rental		180	
4/13/2012	42-9916	Manlift	JLGlive		RK6H75		X			Kiewit		365	
4/13/2012	SN472	Drill	DelMagRH12	7CPXL07.2ESL	HB8A74			3	(DS)	Hammer&Steel	X	30	6/11/2012
4/13/2012	34852	Crane	GR750XL	7MFTL07.5M6A	VC6P76			3	(DT)	Coast Crane Co	X	30	6/11/2012
4/13/2012	006180126	Compressor	P185		N/A		X			Hertz		30	6/11/2012
4/13/2012	262-25-0022	JD Skip Loader	Deere 544K	BJDXL06.8117	PM6V53			3	(DR)	Hertz	X	30	
4/16/2012		Ditch Witch	(Anderson Sub)		TG9N66		X			Pape		30	
4/16/2012		Generator	(Anderson Sub)		N/A		X			Pape		30	
4/16/2012	8-9902	Blade	CAT 613 G	8PXXL06.6PJ1	RDS3A7S			3	(DU)	Holt	X	60	6/1/2012
4/16/2012	12-9905	613 Paddlewheel	140M Motorgrader	ACPXL07.2ESL	YS9W83			3	(DV)	Holt	X	14	5/1/2012
4/16/2012	3-9906	Transport			LA5P56			3	(DW)	Mid Pacific	X	180	
4/16/2012	BF05381	Excavator Mini			DD3J54		X			Pape		30	
4/16/2012	20-2256	Compressor	P185R		N/A		X			Kiewit		365	
4/23/2012	48-9905	Forklift	XR204S	BPKXL04.4NJ1				3	(DX)	CRESCO	X	180	
4/23/2012	15-9907	Crane	GR-300XL	9CEXL0409AAB	WR6Y35			3	(DY)	Coast Crane Co	X	180	
4/23/2012	48-9906	Forklift		BCEXL0409AAC	Hzzzzt9E37			3	(DZ)	Hertz	X	180	
4/23/2012	10039799	Welding Machine	Vantage 500		N/A		X			United Rental		180	
4/23/2012	367082	Welding Machine	Vantage 500		N/A		X			United Rental		180	
4/23/2012	367082	Manlift	JLG 400S		BH5C69		X			SunBoK		180	
4/24/2012	22-9911	Diesel Light Standard			N/A		X			United Rental		350	
4/24/2012	22-9919	Diesel Light Standard			N/A		X			United Rental		350	
4/24/2012	22-9924	Diesel Light Standard			N/A		X			United Rental		350	
4/24/2012	1156167	Bobcat Skid Steer						3	(EB)	United Rental	X	90	
4/24/2012	1156165	Bobcat Skid Steer		AKBXL03.8AAD	KH6B97			3	(EA)	United Rental	X	90	
4/27/2012	22-9922	Manlift	1350SJP	BDZXL03.6082	VJ4S43			4I	(EC)	United Rental	X	180	
4/27/2012	22-9923	Manlift	1350SJP	BDZXL03.6082	SF6F93			4I	(ED)	United Rental	X	180	
4/27/2012	BF09014	Utility Cart	Bobcat 4X4				X			Pape		90	
4/27/2012	BF11111	Bobcat Excavator			PY7X56		X			Pape		90	

Date	Equipment #	Type	Model or S/N	Engine Family	EIN #	< 6 Days on Site	< 50 HP	Engine TIER	TIER Record	Owner	Maint Letter/Rcrds On File	Days Expected on Site	Date Off Site
5/1/2012	22-9944	Generator	1099523	8KLXL11.0DD6	N/A			3	(EE)	United Rental	X	60	
5/1/2012	720619	Manlift	JLG Lift 450A		VP8M54		X			RSC		330	5/15/2012
5/1/2012	10941759	Manlift	Gene S-80X	ADZXL03.6082	KJ7X69			4I	(EF)	Pape	X	90	
5/1/2012	37454	Manlift	JLG		LL9U49		X			AHREN		150	9-May-12
5/1/2012	86160	Manlift	JLG 440S		WS5L44		X			AHREN		150	
5/4/2012	6-9906	Skip Loader	210LJ	BJDXL06.8106	LF9H74			3	(EG)	United Rental	X	90	
5/4/2012	42-9929	Manlift 80 Feet	800S	ADZXL03.6081	VL3A49			4I	(EH)	Hertz	X	350	
5/4/2012	42-9928	Manlift 135 Feet	1350 SJP	CCEXL03.3ADA	VY3N67			4I	(EI)	Hertz	X	350	
5/4/2012		Forklift		CDZXL03.6082				4I	(EJ)	United Rental	X	90	
5/4/2012	69832	Air Compressor	P185R				X			AHREN		90	
5/4/2012	7600570	Manlift	660SJ		JA7P69		X			RSC		90	
5/8/2012	1602	Crane	Tadano GR300XL	7CEXL0409AAB	MA7S58			3	(EK)	Coastline	X	90	
5/15/2012	42-9933	Manlift	Z-13S	ADZXL03.6082	TS7A97			4I	(EL)	Hertz	X	180	
5/15/2012	20-2229	Compressor	P185R		N/A		X			Kiewit		345	
5/15/2012		Compressor	P185R		N/A		X			Kiewit		345	5/22/2012
5/15/2012	42-9932	Manlift	450AJ		LT7037		X			Hertz		345	
5/15/2012	119440	Manlift	860SJ	BDZXL03.6081	FF9E47			4I	(EM)	AHREN	X	90	
5/18/2012	SR111122	Manlift	SJ66T	8DZXL03.6081	AY8D33			4I	(EN)	Pape	X	180	
5/18/2012	96913	Excavator	CX210B		DE8WSS	X				AHREN		5	
5/22/2012	10054274	Backhoe	JD710		KXH464	X				United Rental		5	
5/22/2012	22-9945	Light Plant	Magnum		N/A		X			United Rental		180	
5/22/2012	22-9946	Light Plant	Magnum		N/A		X			United Rental		180	
5/22/2012	22-9947	Light Plant	Magnum		N/A		X			United Rental		180	
5/22/2012	22-9948	Light Plant	Magnum		N/A		X			United Rental		180	
5/23/2012	42-9934	Manlift	S-60			X				United Rental		180	
5/23/2012	42-9935	Manlift	S-60			X				United Rental		180	
5/23/2012	42-9936	Manlift	S-60		LA3F83	X				United Rental		180	
5/30/2012	6-9903	Bulldozer	D6-K	8PKXL06.6PJ2	KWSJ46			3	(EO)	Holt		30	6/30/2012
6/5/2012	468-60-6019	Manlift	Genie Z-60/34				X			Hertz		210	
6/7/2012	1063969	Manlift	JLG800AJ	8DZXL03.6081	LV5S58			4I	(EP)	United Rental	X	210	
6/13/2012	769010	Welding Machine	Miller		N/A		X			RSC		180	6/20/2012
6/13/2012	769012	Welding Machine	Miller		N/A		X			RSC		180	6/20/2012
6/13/2012	468-60-0104	Manlift	Skypower 600AJ				X			Hertz		210	

Marsh Landing Generating Station Off Road Diesel Log

Date	Equipment #	Type	Model or S/N	Engine Family	EIN #	< 6 Days on Site	< 50 HP	Engine TIER	TIER Record	Owner	Maint Letter/Rcrds On File	Days Expected on Site	Date Off Site
6/14/2012	35362	Crane	Tadano GR350XL	BCEXL06.7AAE	TU9A85			3	(EQ)	Coastline	X	90	
6/14/2012	919882	Manlift	SkyPower 800S	BDZXL03.6082	BA3V85			4I	(ER)	United Rental	X	300	
6/14/2012	1185023	Air Compressor	XAS185				X			King		240	
6/15/2012	42-9940	Manlift	Genie S125	BDZXL03.6082	LW7C79			4I	(ES)	United Rental	X	90	
6/20/2012	42-9941	Manlift	JLG Skylift 600AS	8CEXL0540AAB				3	(ET)	Hertz	X	300	
6/20/2012	113091	Generator	300 KW		N/A		X			United Rental		90	
6/21/2012	1160609	Skid Steer	Bobcat T-190	8KBXL02.6EAD	LC9V88			4I	(EU)	United Rental	X	45	
6/27/2012	42-9942	Manlift	JLG600AJ		EF7F47		X			Hertz		300	

2.02

(EP)

United Rentals

June 6, 2012

Unit # 1063969 JLG 800AJ Boomlift has been maintained per manufactures requirements and is in good working order. At the time of the machines departure from United Rental yard in Dublin, CA. to the jobsite (Marsh Landing Generating Station) a full inspection was performed prior to allowing the machine to leave our yard. If any Safety or Environmental issues where found during this inspection the machine would not be allowed to be put to work until all issues have been resolved.

United Rentals

George Calligeros

Account Manager

Northern California

(EP)

California Environmental Protection Agency AIR RESOURCES BOARD	DEUTZ AG	EXECUTIVE ORDER U-R-013-0229 New Off-Road Compression-Ignition Engines

Pursuant to the authority vested in the Air Resources Board by Sections 43013, 43018, 43101, 43102, 43104 and 43105 of the Health and Safety Code; and

Pursuant to the authority vested in the undersigned by Sections 39515 and 39516 of the Health and Safety Code and Executive Order G-02-003;

IT IS ORDERED AND RESOLVED: That the following compression-ignition engines and emission control systems produced by the manufacturer are certified as described below for use in off-road equipment. Production engines shall be in all material respects the same as those for which certification is granted.

MODEL YEAR	ENGINE FAMILY	DISPLACEMENT (liters)	FUEL TYPE	USEFUL LIFE (hours)
2008	8DZXL03.6081	3.619	Diesel	8000

SPECIAL FEATURES & EMISSION CONTROL SYSTEMS	TYPICAL EQUIPMENT APPLICATION
Direct Diesel Injection, Exhaust Gas Recirculation	Loader, Tractor, Other Industrial Equipment

The engine models and codes are attached.

The following are the exhaust certification standards (STD) and certification levels (CERT) for hydrocarbon (HC), oxides of nitrogen (NOx), or non-methane hydrocarbon plus oxides of nitrogen (NMHC+NOx), carbon monoxide (CO), and particulate matter (PM) in grams per kilowatt-hour (g/kw-hr), and the opacity-of-smoke certification standards and certification levels in percent (%) during acceleration (Accel), lugging (Lug), and the peak value from either mode (Peak) for this engine family (Title 13, California Code of Regulations, (13 CCR) Section 2423):

RATED POWER CLASS	EMISSION STANDARD CATEGORY		EXHAUST (g/kw-hr)					OPACITY (%)		
			HC	NOx	NMHC+NOx	CO	PM	ACCEL	LUG	PEAK
37 ≤ kW < 56	Tier 4 interim	STD	N/A	N/A	4.7	5.0	0.30	20	15	50
		CERT	--	--	4.1	1.4	0.18	1	1	1

BE IT FURTHER RESOLVED: That for the listed engine models, the manufacturer has submitted the information and materials to demonstrate certification compliance with 13 CCR Section 2424 (emission control labels), and 13 CCR Sections 2425 and 2426 (emission control system warranty).

Engines certified under this Executive Order must conform to all applicable California emission regulations.

This Executive Order is only granted to the engine family and model-year listed above. Engines in this family that are produced for any other model-year are not covered by this Executive Order.

Executed at El Monte, California on this 22nd day of February 2008.

J. Lawrence
for Annette Hebert, Chief
Mobile Source Operations Division

Manufacturer: **DEUTZ AG**

Engine category: **Nonroad CI**

PA Engine Family: **8DZXL03.6081**

Mfr Family Name: **D2011L04 /I 37-56KW TIER4 INT OPT 1**

Process Code: **New Submission**

U-R-013-0229.

Attachment

1.Engine Code	2.Engine Model	3.BHP@RPM (SAE Gross)	4.Fuel Rate: mm/stroke @ peak HP (for diesel only)	5.Fuel Rate: (lbs/hr) @ peak HP (for diesels only)	6.Torque @ RPM (SEA Gross)	7.Fuel Rate: mm/stroke@peak torque	8.Fuel Rate: (lbs/hr)@peak torque	9.Emission Control Device Per SAE J1930
C3CI47,5	D2011L04i 47.5	63.7@2600	46	26.5	190@1700	45	16.9	DDI, EGR
C3CI45,9	D2011L04i	61.4@2500	45	24.9	190@1700	45	16.9	DDI, EGR
C3CI44	D2011L04i	58.9@2400	44	23.4	190@1700	45	16.9	DDI, EGR
C3CI43,1	D2011L04i	57.7@2300	44	22.4	190@1700	45	16.9	DDI, EGR
C3CI45,2	D2011L04i	60.6@2600	45	25.9	180@1700	43	16.2	DDI, EGR
C3CI43,7	D2011L04i	58.5@2500	44	24.4	180@1700	43	16.2	DDI, EGR
C3CI42,1	D2011L04i	56.4@2400	43	22.9	180@1700	43	16.2	DDI, EGR
C3CI41	D2011L04i 40.9	54.9@2300	43	21.9	180@1700	43	16.2	DDI, EGR
C3CI46	D2011L04	61.6@2600	45	25.9	190@1700	45	16.9	DDI, EGR
C3CI41A	D3,6DCAE3	54.9@2300	43	21.9	180@1700	43	15.2	DDI, EGR
C3CI43A	D3,6DCBE3	57.7@2300	44	22.4	190@1700	45	15.9	DDI, EGR
C3CI44,6	D2011L04i	59.8@2600	44	25.4	180@1700	42	15.8	DDI, EGR

2.02

(EQ)

Coastline Equipment
Crane Division

6-14-2012

Unit # 35362, a 2012 Tadano GR350XL rough terrain crane, has been maintained per manufacturer's requirements and is in good working order. Prior to the machine's arrival to the jobsite (Marsh Landing Generating Station) a full inspection, crane certification and machine service were performed. No Safety or Environmental issues were found.

John Shebl
Rental Manager
Coastline Equipment
916-440-8090

(EQ)

California Environmental Protection Agency AIR RESOURCES BOARD	CUMMINS INC.	EXECUTIVE ORDER U-R-002-0561 New Off-Road Compression-Ignition Engines

Pursuant to the authority vested in the Air Resources Board by Sections 43013, 43018, 43101, 43102, 43104 and 43105 of the Health and Safety Code; and

Pursuant to the authority vested in the undersigned by Sections 39515 and 39516 of the Health and Safety Code and Executive Order G-02-003;

IT IS ORDERED AND RESOLVED: That the following compression-ignition engines and emission control systems produced by the manufacturer are certified as described below for use in off-road equipment. Production engines shall be in all material respects the same as those for which certification is granted.

MODEL YEAR	ENGINE FAMILY	DISPLACEMENT (liters)	FUEL TYPE	USEFUL LIFE (hours)
2011	BCEXL06.7AAE	6.7	Diesel	8000

SPECIAL FEATURES & EMISSION CONTROL SYSTEMS	TYPICAL EQUIPMENT APPLICATION
Direct Diesel Injection, Turbocharger, Charge Air Cooler, Electronic Control Module, Exhaust Gas Recirculation, Diesel Oxidation Catalyst, and Periodic Trap Oxidizer	Crane, Loader, Tractor, Dozer, Pump, Compressor, and Generator Set

The engine models and codes are attached.

The following are the exhaust certification standards (STD) and certification levels (CERT) for hydrocarbon (HC), oxides of nitrogen (NOx), or non-methane hydrocarbon plus oxides of nitrogen (NMHC+NOx), carbon monoxide (CO), and particulate matter (PM) in grams per kilowatt-hour (g/kw-hr), and the opacity-of-smoke certification standards and certification levels in percent (%) during acceleration (Accel), lugging (Lug), and the peak value from either mode (Peak) for this engine family (Title 13, California Code of Regulations, (13 CCR) Section 2423):

RATED POWER CLASS	EMISSION STANDARD CATEGORY		EXHAUST (g/kw-hr)					OPACITY (%)		
			HC	NOx	NMHC+NOx	CO	PM	ACCEL	LUG	PEAK
130 ≤ kW < 560	Alternate NOx	STD	0.19	2.0	N/A	3.5	0.02	N/A	N/A	N/A
		CERT	0.01	1.2	--	0.0	0.00	--	--	--

BE IT FURTHER RESOLVED: That for the listed engine models, the manufacturer has submitted the information and materials to demonstrate certification compliance with 13 CCR Section 2424 (emission control labels), and 13 CCR Sections 2425 and 2426 (emission control system warranty).

Engines certified under this Executive Order must conform to all applicable California emission regulations.

This Executive Order is only granted to the engine family and model-year listed above. Engines in this family that are produced for any other model-year are not covered by this Executive Order.

Executed at El Monte, California on this 19th day of August 2010.

J. Lawrence
for Annette Hebert, Chief
Mobile Source Operations Division

Engine Model Summary Template

U-R-002-0561
Attachment
7/15/2010

Engine Family	1.Engine Code	2.Engine Model	3.BHP@RPM (SAE Gross)	4.Fuel Rate: mm/stroke @ peak HP (for diesel only)	5.Fuel Rate: (lbs/hr) @ peak HP (for diesels only)	6.Torque @ RPM (SEA Gross)	7.Fuel Rate: mm/stroke@peak torque	8.Fuel Rate: (lbs/hr)@peak torque	9.Emission Control Device Per SAE J1930
BCEXL06.7AAE	3095:FR92543	QSB6.7	300@2500	123	104.1	760@1800	146	88.6	DDI,ECM,TC,[redacted]
BCEXL06.7AAE	3094:FR92980	QSB6.7	275@2500	123	103.3	730@1500	139	70.1	DDI,ECM,TC,
BCEXL06.7AAE	3094:FR92544	QSB6.7	260@2500	112	94.7	730@1500	139	70.1	DDI,ECM,TC,
BCEXL06.7AAE	3094:FR92545	QSB6.7	240@2500	105	88.2	730@1500	139	70.4	DDI,ECM,TC,
BCEXL06.7AAE	3094:FR92546	QSB6.7	225@2500	98	82.8	655@1500	123	62.3	DDI,ECM,TC,
BCEXL06.7AAE	3094:FR92981	QSB6.7	195@2500	87	73.3	565@1500	107	54.1	DDI,ECM,TC,
BCEXL06.7AAE	3094:FR92985	QSB6.7	260@2200	119	87.9	730@1500	135	68.5	DDI,ECM,TC,
BCEXL06.7AAE	3094:FR92552	QSB6.7	240@2200	111	82.0	697@1500	130	65.5	DDI,ECM,TC,
BCEXL06.7AAE	3094:FR92553	QSB6.7	220@2200	104	76.8	700@1500	131	66	DDI,ECM,TC,
BCEXL06.7AAE	3094:FR92554	QSB6.7	200@2200	95	70.4	685@1400	131	62.1	DDI,ECM,TC,
BCEXL06.7AAE	3094:FR92563	QSB6.7	225@2100	109	77.5	700@1500	132	66.9	DDI,ECM,TC,
BCEXL06.7AAE	3094:FR92565	QSB6.7	250@2000	126	84.8	730@1500	142	72	DDI,ECM,TC,
BCEXL06.7AAE	3094:FR92566	QSB6.7	220@2000	111	75.1	700@1400	134	63.1	DDI,ECM,TC,
BCEXL06.7AAE	3094:FR92987	QSB6.7	189@2000	99	66.7	597@1500	114	57.7	DDI,ECM,TC,
BCEXL06.7AAE	3094:FR92574	QSB6.7	215@1800	123	74.4	685@1300	133	58.4	DDI,ECM,TC,

DDI, TC, CAC, ECM, EGR, OC, PTX

(EP)

United Rentals

June 18, 2012

Unit # 919882 JLG Boom has been maintained per manufactures requirements and is in good working order. At the time of the machines departure from United Rental yard in Dublin, CA. to the jobsite (Marsh Landing Generating Station) a full inspection was performed prior to allowing the machine to leave our yard. If any Safety or Environmental issues where found during this inspection the machine would not be allowed to be put to work until all issues have been resolved.

United Rentals

George Calligeros

Account Manager

Northern California

TTR Manlifts (ER)

California Environmental Protection Agency AIR RESOURCES BOARD	DEUTZ AG	EXECUTIVE ORDER U-R-013-0375 New Off-Road Compression-Ignition Engines

Pursuant to the authority vested in the Air Resources Board by Sections 43013, 43018, 43101, 43102, 43104 and 43105 of the Health and Safety Code; and

Pursuant to the authority vested in the undersigned by Sections 39515 and 39516 of the Health and Safety Code and Executive Order G-02-003;

IT IS ORDERED AND RESOLVED: That the following compression-ignition engines and emission control systems produced by the manufacturer are certified as described below for use in off-road equipment. Production engines shall be in all material respects the same as those for which certification is granted.

MODEL YEAR	ENGINE FAMILY	DISPLACEMENT (liters)	FUEL TYPE	USEFUL LIFE (hours)
2011	BDZXL03.6082	3.619	Diesel	8000

SPECIAL FEATURES & EMISSION CONTROL SYSTEMS	TYPICAL EQUIPMENT APPLICATION
Mechanical Direct Injection, Electronic Control Module, Turbocharger, Smoke Puff Limiter, Exhaust Gas Recirculation	Loaders, Tractor, Dozer, Pump, Compressor, Other Industrial Equipment

The engine models and codes are attached.

The following are the exhaust certification standards (STD) and certification levels (CERT) for hydrocarbon (HC), oxides of nitrogen (NOx), or non-methane hydrocarbon plus oxides of nitrogen (NMHC+NOx), carbon monoxide (CO), and particulate matter (PM) in grams per kilowatt-hour (g/kw-hr), and the opacity-of-smoke certification standards and certification levels in percent (%) during acceleration (Accel), lugging (Lug), and the peak value from either mode (Peak) for this engine family (Title 13, California Code of Regulations, (13 CCR) Section 2423):

RATED POWER CLASS	EMISSION STANDARD CATEGORY		EXHAUST (g/kw-hr)					OPACITY (%)		
			HC	NOx	NMHC+NOx	CO	PM	ACCEL	LUG	PEAK
37 ≤ kW < 56	Tier 4 Interim	STD	N/A	N/A	4.7	5.0	0.30	20	15	50
		CERT	--	--	4.6	1.6	0.17	3	2	5

BE IT FURTHER RESOLVED: That for the listed engine models, the manufacturer has submitted the information and materials to demonstrate certification compliance with 13 CCR Section 2424 (emission control labels), and 13 CCR Sections 2425 and 2426 (emission control system warranty).

Engines certified under this Executive Order must conform to all applicable California emission regulations.

This Executive Order is only granted to the engine family and model-year listed above. Engines in this family that are produced for any other model-year are not covered by this Executive Order.

Executed at El Monte, California on this 21 day of April 2011.

Annette Hebert

Annette Hebert, Chief
Mobile Source Operations Division

Deutz AG

Nonroad CI

Engine Model Summary Template

Attachment page 1 of 4

EO# 0-R-013-0375

4/12/2011

Engine Family	1.Engine Code	2.Engine Model	3.BHP@RPM (SAE Gross)	4.Fuel Rate: mm/stroke @ peak HP (for diesel only)	5.Fuel Rate: (lbs/hr) @ peak HP (for diesels only)	6.Torque @ RPM (SEA Gross)	7.Fuel Rate: mm/stroke@peak torque	8.Fuel Rate: (lbs/hr)@peak torque	9.Emission Control Device Per SAE J1930
BDZXL03.6082	C3UI54	TD2011L04i	72.4@2400	60	32.0	240@1600	64	22.8	DDI, TC, EGR, ECM, SPL
BDZXL03.6082	C3UI52	TD2011L04i	69.7@2300	59	30.7	240@1600	64	22.8	DDI, TC, EGR
BDZXL03.6082	C3UI51A	TD2011L04i	69.1@2200	59	28.8	240@1600	64	22.8	DDI, TC, EGR
BDZXL03.6082	C3UI54,7	TD2011L04i	73.4@2600	59	34.1	230@1600	62	22.0	DDI, TC, EGR
BDZXL03.6082	C3UI53,7	TD2011L04i	72.0@2500	59	33.3	230@1600	62	22.0	DDI, TC, EGR
BDZXL03.6082	C3UI51,3	TD2011L04i	68.8@2400	58	31.5	230@1600	62	22.0	DDI, TC, EGR
BDZXL03.6082	C3UI49,4	TD2011L04i	66.2@2300	57	30.2	230@1600	62	22.0	DDI, TC, EGR
BDZXL03.6082	C3UI52A	D3,6DCCE3	69.7@2300	59	30.2	240@1600	64	22.8	DDI, TC, EGR
BDZXL03.6082	C3UI55	TD2011L04I	73.8@2400	60	32.0	240@1600	64	22.8	DDI, TC, EGR
BDZXL03.6082	C3UI52	TD2011L04	69.7@2400	59	30.9	250@1600	65	23.1	DDI, TC, EGR
BDZXL03.6082	C3UI54H	TD2011L04i	72.4@2400	60	32.0	240@1600	64	22.8	DDI, TC, EGR
BDZXL03.6082	C3UI54J	TD2011L04i	72.4@2400	60	32.0	240@1600	64	22.8	DDI, TC, EGR
BDZXL03.6082	C3UI54L	TD2011L04i	72.4@2400	60	32.0	240@1600	64	22.8	DDI, TC, EGR
BDZXL03.6082	C3UI54N	TD2011L04i	72.4@2400	60	32.0	240@1600	64	22.8	DDI, TC, EGR
BDZXL03.6082	C3UI54P	TD2011L04i	72.4@2400	60	32.0	240@1600	64	22.8	DDI, TC, EGR
BDZXL03.6082	C3UI54R	TD2011L04i	72.4@2400	60	32.0	240@1600	64	22.8	DDI, TC, EGR
BDZXL03.6082	C3UI54S	TD2011L04i	72.4@2400	60	32.0	240@1600	64	22.8	DDI, TC, EGR
BDZXL03.6082	C3UI54T	TD2011L04i	72.4@2400	60	32.0	240@1600	64	22.8	DDI, TC, EGR
BDZXL03.6082	C3UI54U	TD2011L04i	72.4@2400	60	32.0	240@1600	64	22.8	DDI, TC, EGR
BDZXL03.6082	C3UI54Q	TD2011L04i	72.4@2400	60	32.0	240@1600	64	22.8	DDI, TC, EGR
BDZXL03.6082	C3UI52H	TD2011L04i	69.7@2300	59	30.7	240@1600	64	22.8	DDI, TC, EGR
BDZXL03.6082	C3UI52J	TD2011L04i	69.7@2300	59	30.7	240@1600	64	22.8	DDI, TC, EGR
BDZXL03.6082	C3UI52L	TD2011L04i	69.7@2300	59	30.7	240@1600	64	22.8	DDI, TC, EGR
BDZXL03.6082	C3UI52N	TD2011L04i	69.7@2300	59	30.7	240@1600	64	22.8	DDI, TC, EGR
BDZXL03.6082	C3UI52P	TD2011L04i	69.7@2300	59	30.7	240@1600	64	22.8	DDI, TC, EGR
BDZXL03.6082	C3UI52R	TD2011L04i	69.7@2300	59	30.7	240@1600	64	22.8	DDI, TC, EGR
BDZXL03.6082	C3UI52S	TD2011L04i	69.7@2300	59	30.7	240@1600	64	22.8	DDI, TC, EGR

Deutz AG

Nonroad CI

Engine Model Summary Template

Attachment page 2 of 4

EO # U-R-013-0375

4/12/2011

Engine Family	1.Engine Code	2.Engine Model	3.BHP@RPM (SAE Gross)	4.Fuel Rate: mm/stroke @ peak HP (for diesel only)	5.Fuel Rate: (lbs/hr) @ peak HP (for diesels only)	6.Torque @ RPM (SEA Gross)	7.Fuel Rate: mm/stroke@peak torque	8.Fuel Rate: (lbs/hr)@peak torque	9.Emission Control Device Per SAE J1930
BDZXL03.6082	C3UI52T	TD2011L04i	69.7@2300	59	30.7	240@1600	64	22.8	DDI, TC, EGR, ECM, SPL
BDZXL03.6082	C3UI52U	TD2011L04i	69.7@2300	59	30.7	240@1600	64	22.8	DDI, TC, EGR
BDZXL03.6082	C3UI52Q	TD2011L04i	69.7@2300	59	30.7	240@1600	64	22.8	DDI, TC, EGR
BDZXL03.6082	C3UI51H	TD2011L04i	69.1@2200	59	28.8	240@1600	64	22.8	DDI, TC, EGR
BDZXL03.6082	C3UI51J	TD2011L04i	69.1@2200	59	28.8	240@1600	64	22.8	DDI, TC, EGR
BDZXL03.6082	C3UI51L	TD2011L04i	69.1@2200	59	28.8	240@1600	64	22.8	DDI, TC, EGR
BDZXL03.6082	C3UI51N	TD2011L04i	69.1@2200	59	28.8	240@1600	64	22.8	DDI, TC, EGR
BDZXL03.6082	C3UI51P	TD2011L04i	69.1@2200	59	28.8	240@1600	64	22.8	DDI, TC, EGR
BDZXL03.6082	C3UI51R	TD2011L04i	69.1@2200	59	28.8	240@1600	64	22.8	DDI, TC, EGR
BDZXL03.6082	C3UI51S	TD2011L04i	69.1@2200	59	28.8	240@1600	64	22.8	DDI, TC, EGR
BDZXL03.6082	C3UI51T	TD2011L04i	69.1@2200	59	28.8	240@1600	64	22.8	DDI, TC, EGR
BDZXL03.6082	C3UI51U	TD2011L04i	69.1@2200	59	28.8	240@1600	64	22.8	DDI, TC, EGR
BDZXL03.6082	C3UI51Q	TD2011L04i	69.1@2200	59	28.8	240@1600	64	22.8	DDI, TC, EGR
BDZXL03.6082	C3UI54HA	TD2011L04i	73.4@2600	59	34.1	230@1600	62	22.0	DDI, TC, EGR
BDZXL03.6082	C3UI54JA	TD2011L04i	73.4@2600	59	34.1	230@1600	62	22.0	DDI, TC, EGR
BDZXL03.6082	C3UI54LA	TD2011L04i	73.4@2600	59	34.1	230@1600	62	22.0	DDI, TC, EGR
BDZXL03.6082	C3UI54NA	TD2011L04i	73.4@2600	59	34.1	230@1600	62	22.0	DDI, TC, EGR
BDZXL03.6082	C3UI54PA	TD2011L04i	73.4@2600	59	34.1	230@1600	62	22.0	DDI, TC, EGR
BDZXL03.6082	C3UI54RA	TD2011L04i	73.4@2600	59	34.1	230@1600	62	22.0	DDI, TC, EGR
BDZXL03.6082	C3UI54SA	TD2011L04i	73.4@2600	59	34.1	230@1600	62	22.0	DDI, TC, EGR
BDZXL03.6082	C3UI54TA	TD2011L04i	73.4@2600	59	34.1	230@1600	62	22.0	DDI, TC, EGR
BDZXL03.6082	C3UI54UA	TD2011L04i	73.4@2600	59	34.1	230@1600	62	22.0	DDI, TC, EGR
BDZXL03.6082	C3UI54QA	TD2011L04i	73.4@2600	59	34.1	230@1600	62	22.0	DDI, TC, EGR
BDZXL03.6082	C3UI53H	TD2011L04i	72.0@2500	59	33.3	230@1600	62	22.0	DDI, TC, EGR
BDZXL03.6082	C3UI53J	TD2011L04i	72.0@2500	59	33.3	230@1600	62	22.0	DDI, TC, EGR
BDZXL03.6082	C3UI53L	TD2011L04i	72.0@2500	59	33.3	230@1600	62	22.0	DDI, TC, EGR
BDZXL03.6082	C3UI53N	TD2011L04i	72.0@2500	59	33.3	230@1600	62	22.0	DDI, TC, EGR

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Nonroad CI

Engine Model Summary Template

Attachment page 3 of 4

EO # U-R-013-0315

4/12/2011

Engine Family	1.Engine Code	2.Engine Model	3.BHP@RPM (SAE Gross)	4.Fuel Rate: mm/stroke @ peak HP (for diesel only)	5.Fuel Rate: (lbs/hr) @ peak HP (for diesels only)	6.Torque @ RPM (SEA Gross)	7.Fuel Rate: mm/stroke@peak torque	8.Fuel Rate: (lbs/hr)@peak torque	9.Emission Control Device Per SAE J1930
BDZXL03.6082	C3UI53P	TD2011L04i	72.0@2500	59	33.3	230@1600	62	22.0	DDI, TC, EGR, ECM, SPL
BDZXL03.6082	C3UI53R	TD2011L04i	72.0@2500	59	33.3	230@1600	62	22.0	DDI, TC, EGR
BDZXL03.6082	C3UI53S	TD2011L04i	72.0@2500	59	33.3	230@1600	62	22.0	DDI, TC, EGR
BDZXL03.6082	C3UI53T	TD2011L04i	72.0@2500	59	33.3	230@1600	62	22.0	DDI, TC, EGR
BDZXL03.6082	C3UI53U	TD2011L04i	72.0@2500	59	33.3	230@1600	62	22.0	DDI, TC, EGR
BDZXL03.6082	C3UI53Q	TD2011L04i	72.0@2500	59	33.3	230@1600	62	22.0	DDI, TC, EGR
BDZXL03.6082	C3UI51HA	TD2011L04i	68.8@2400	58	31.5	230@1600	62	22.0	DDI, TC, EGR
BDZXL03.6082	C3UI51JA	TD2011L04i	68.8@2400	58	31.5	230@1600	62	22.0	DDI, TC, EGR
BDZXL03.6082	C3UI51LA	TD2011L04i	68.8@2400	58	31.5	230@1600	62	22.0	DDI, TC, EGR
BDZXL03.6082	C3UI51NA	TD2011L04i	68.8@2400	58	31.5	230@1600	62	22.0	DDI, TC, EGR
BDZXL03.6082	C3UI51PA	TD2011L04i	68.8@2400	58	31.5	230@1600	62	22.0	DDI, TC, EGR
BDZXL03.6082	C3UI51RA	TD2011L04i	68.8@2400	58	31.5	230@1600	62	22.0	DDI, TC, EGR
BDZXL03.6082	C3UI51SA	TD2011L04i	68.8@2400	58	31.5	230@1600	62	22.0	DDI, TC, EGR
BDZXL03.6082	C3UI51TA	TD2011L04i	68.8@2400	58	31.5	230@1600	62	22.0	DDI, TC, EGR
BDZXL03.6082	C3UI51UA	TD2011L04i	68.8@2400	58	31.5	230@1600	62	22.0	DDI, TC, EGR
BDZXL03.6082	C3UI51QA	TD2011L04i	68.8@2400	58	31.5	230@1600	62	22.0	DDI, TC, EGR
BDZXL03.6082	C3UI49H	TD2011L04i	66.2@2300	57	30.2	230@1600	62	22.0	DDI, TC, EGR
BDZXL03.6082	C3UI49J	TD2011L04i	66.2@2300	57	30.2	230@1600	62	22.0	DDI, TC, EGR
BDZXL03.6082	C3UI49L	TD2011L04i	66.2@2300	57	30.2	230@1600	62	22.0	DDI, TC, EGR
BDZXL03.6082	C3UI49N	TD2011L04i	66.2@2300	57	30.2	230@1600	62	22.0	DDI, TC, EGR
BDZXL03.6082	C3UI49P	TD2011L04i	66.2@2300	57	30.2	230@1600	62	22.0	DDI, TC, EGR
BDZXL03.6082	C3UI49R	TD2011L04i	66.2@2300	57	30.2	230@1600	62	22.0	DDI, TC, EGR
BDZXL03.6082	C3UI49S	TD2011L04i	66.2@2300	57	30.2	230@1600	62	22.0	DDI, TC, EGR
BDZXL03.6082	C3UI49T	TD2011L04i	66.2@2300	57	30.2	230@1600	62	22.0	DDI, TC, EGR
BDZXL03.6082	C3UI49U	TD2011L04i	66.2@2300	57	30.2	230@1600	62	22.0	DDI, TC, EGR
BDZXL03.6082	C3UI49Q	TD2011L04i	66.2@2300	57	30.2	230@1600	62	22.0	DDI, TC, EGR
BDZXL03.6082	C3UI55H	TD2011L04I	73.8@2400	60	32.0	240@1600	64	22.8	DDI, TC, EGR

Deutz AG
Nonroad CI

Engine Model Summary Template

Attachment page 4 of 4

EO # U-R-013-0375
4/12/2011

Engine Family	1.Engine Code	2.Engine Model	3.BHP@RPM (SAE Gross)	4.Fuel Rate: mm/stroke @ peak HP (for diesel only)	5.Fuel Rate: (lbs/hr) @ peak HP (for diesels only)	6.Torque @ RPM (SEA Gross)	7.Fuel Rate: mm/stroke@peak torque	8.Fuel Rate: (lbs/hr)@peak torque	9.Emission Control Device Per SAE J1930
BDZXL03.6082	C3UI55J	TD2011L04I	73.8@2400	60	32.0	240@1600	64	22.8	DDI, TC, EGR, ECM, SPL
BDZXL03.6082	C3UI55L	TD2011L04I	73.8@2400	60	32.0	240@1600	64	22.8	DDI, TC, EGR
BDZXL03.6082	C3UI55N	TD2011L04I	73.8@2400	60	32.0	240@1600	64	22.8	DDI, TC, EGR
BDZXL03.6082	C3UI55P	TD2011L04I	73.8@2400	60	32.0	240@1600	64	22.8	DDI, TC, EGR
BDZXL03.6082	C3UI55R	TD2011L04I	73.8@2400	60	32.0	240@1600	64	22.8	DDI, TC, EGR
BDZXL03.6082	C3UI55S	TD2011L04I	73.8@2400	60	32.0	240@1600	64	22.8	DDI, TC, EGR
BDZXL03.6082	C3UI55T	TD2011L04I	73.8@2400	60	32.0	240@1600	64	22.8	DDI, TC, EGR
BDZXL03.6082	C3UI55U	TD2011L04I	73.8@2400	60	32.0	240@1600	64	22.8	DDI, TC, EGR
BDZXL03.6082	C3UI55Q	TD2011L04I	73.8@2400	60	32.0	240@1600	64	22.8	DDI, TC, EGR
BDZXL03.6082	C3UI52V	D3,6DCCE3	69.7@2300	59	30.2	240@1600	64	22.8	DDI, TC, EGR
BDZXL03.6082	C3UI52P	TD2011L04	69.7@2300	59	30.9	250@1600	65	23.1	DDI, TC, EGR
BDZXL03.6082	C3UI55H	TD2011L04	75.0@2600	58	31.5	250@1600	65	23.1	DDI, TC, EGR

(ES)

United Rentals

June 10, 2011

Unit # 10026898 Genie S-125 Boomlift has been maintained per manufactures requirements and is in good working order. At the time of the machines departure from United Rental yard in Dublin, CA. to the jobsite (Marsh Landing Generating Station) a full inspection was performed prior to allowing the machine to leave our yard. If any Safety or Environmental issues where found during this inspection the machine would not be allowed to be put to work until all issues have been resolved.

United Rentals

George Calligeros

Account Manager

Northern California

TTR-125 Mon 1/4 (ES)

California Environmental Protection Agency AIR RESOURCES BOARD	DEUTZ AG	EXECUTIVE ORDER U-R-013-0375 New Off-Road Compression-Ignition Engines

Pursuant to the authority vested in the Air Resources Board by Sections 43013, 43018, 43101, 43102, 43104 and 43105 of the Health and Safety Code; and

Pursuant to the authority vested in the undersigned by Sections 39515 and 39516 of the Health and Safety Code and Executive Order G-02-003;

IT IS ORDERED AND RESOLVED: That the following compression-ignition engines and emission control systems produced by the manufacturer are certified as described below for use in off-road equipment. Production engines shall be in all material respects the same as those for which certification is granted.

MODEL YEAR	ENGINE FAMILY	DISPLACEMENT (liters)	FUEL TYPE	USEFUL LIFE (hours)
2011	BDZXL03.6082	3.619	Diesel	8000

SPECIAL FEATURES & EMISSION CONTROL SYSTEMS	TYPICAL EQUIPMENT APPLICATION
Mechanical Direct Injection, Electronic Control Module, Turbocharger, Smoke Puff Limiter, Exhaust Gas Recirculation	Loaders, Tractor, Dozer, Pump, Compressor, Other Industrial Equipment

The engine models and codes are attached.

The following are the exhaust certification standards (STD) and certification levels (CERT) for hydrocarbon (HC), oxides of nitrogen (NOx), or non-methane hydrocarbon plus oxides of nitrogen (NMHC+NOx), carbon monoxide (CO), and particulate matter (PM) in grams per kilowatt-hour (g/kw-hr), and the opacity-of-smoke certification standards and certification levels in percent (%) during acceleration (Accel), lugging (Lug), and the peak value from either mode (Peak) for this engine family (Title 13, California Code of Regulations, (13 CCR) Section 2423):

RATED POWER CLASS	EMISSION STANDARD CATEGORY		EXHAUST (g/kw-hr)					OPACITY (%)		
			HC	NOx	NMHC+NOx	CO	PM	ACCEL	LUG	PEAK
37 ≤ kW < 56	Tier 4 Interim	STD	N/A	N/A	4.7	5.0	0.30	20	15	50
		CERT	--	--	4.6	1.6	0.17	3	2	5

BE IT FURTHER RESOLVED: That for the listed engine models, the manufacturer has submitted the information and materials to demonstrate certification compliance with 13 CCR Section 2424 (emission control labels), and 13 CCR Sections 2425 and 2426 (emission control system warranty).

Engines certified under this Executive Order must conform to all applicable California emission regulations.

This Executive Order is only granted to the engine family and model-year listed above. Engines in this family that are produced for any other model-year are not covered by this Executive Order.

Executed at El Monte, California on this 21 day of April 2011.

Annette Hebert

Annette Hebert, Chief
Mobile Source Operations Division

Deutz AG

Nonroad CI

Engine Model Summary Template

Attachment page 1 of 4

EO# U-R-013-0375

4/12/2011

Engine Family	1.Engine Code	2.Engine Model	3.BHP@RPM (SAE Gross)	4.Fuel Rate: mm/stroke @ peak HP (for diesel only)	5.Fuel Rate: (lbs/hr) @ peak HP (for diesels only)	6.Torque @ RPM (SEA Gross)	7.Fuel Rate: mm/stroke@peak torque	8.Fuel Rate: (lbs/hr)@peak torque	9.Emission Control Device Per SAE J1930
BDZXL03.6082	C3UI54	TD2011L04i	72.4@2400	60	32.0	240@1600	64	22.8	DDI, TC, EGR, ECM, SPL
BDZXL03.6082	C3UI52	TD2011L04i	69.7@2300	59	30.7	240@1600	64	22.8	DDI, TC, EGR
BDZXL03.6082	C3UI51A	TD2011L04i	69.1@2200	59	28.8	240@1600	64	22.8	DDI, TC, EGR
BDZXL03.6082	C3UI54,7	TD2011L04i	73.4@2600	59	34.1	230@1600	62	22.0	DDI, TC, EGR
BDZXL03.6082	C3UI53,7	TD2011L04i	72.0@2500	59	33.3	230@1600	62	22.0	DDI, TC, EGR
BDZXL03.6082	C3UI51,3	TD2011L04i	68.8@2400	58	31.5	230@1600	62	22.0	DDI, TC, EGR
BDZXL03.6082	C3UI49,4	TD2011L04i	66.2@2300	57	30.2	230@1600	62	22.0	DDI, TC, EGR
BDZXL03.6082	C3UI52A	D3,6DCCE3	69.7@2300	59	30.2	240@1600	64	22.8	DDI, TC, EGR
BDZXL03.6082	C3UI55	TD2011L04i	73.8@2400	60	32.0	240@1600	64	22.8	DDI, TC, EGR
BDZXL03.6082	C3UI52	TD2011L04	69.7@2400	59	30.9	250@1600	65	23.1	DDI, TC, EGR
BDZXL03.6082	C3UI54H	TD2011L04i	72.4@2400	60	32.0	240@1600	64	22.8	DDI, TC, EGR
BDZXL03.6082	C3UI54J	TD2011L04i	72.4@2400	60	32.0	240@1600	64	22.8	DDI, TC, EGR
BDZXL03.6082	C3UI54L	TD2011L04i	72.4@2400	60	32.0	240@1600	64	22.8	DDI, TC, EGR
BDZXL03.6082	C3UI54N	TD2011L04i	72.4@2400	60	32.0	240@1600	64	22.8	DDI, TC, EGR
BDZXL03.6082	C3UI54P	TD2011L04i	72.4@2400	60	32.0	240@1600	64	22.8	DDI, TC, EGR
BDZXL03.6082	C3UI54R	TD2011L04i	72.4@2400	60	32.0	240@1600	64	22.8	DDI, TC, EGR
BDZXL03.6082	C3UI54S	TD2011L04i	72.4@2400	60	32.0	240@1600	64	22.8	DDI, TC, EGR
BDZXL03.6082	C3UI54T	TD2011L04i	72.4@2400	60	32.0	240@1600	64	22.8	DDI, TC, EGR
BDZXL03.6082	C3UI54U	TD2011L04i	72.4@2400	60	32.0	240@1600	64	22.8	DDI, TC, EGR
BDZXL03.6082	C3UI54Q	TD2011L04i	72.4@2400	60	32.0	240@1600	64	22.8	DDI, TC, EGR
BDZXL03.6082	C3UI52H	TD2011L04i	69.7@2300	59	30.7	240@1600	64	22.8	DDI, TC, EGR
BDZXL03.6082	C3UI52J	TD2011L04i	69.7@2300	59	30.7	240@1600	64	22.8	DDI, TC, EGR
BDZXL03.6082	C3UI52L	TD2011L04i	69.7@2300	59	30.7	240@1600	64	22.8	DDI, TC, EGR
BDZXL03.6082	C3UI52N	TD2011L04i	69.7@2300	59	30.7	240@1600	64	22.8	DDI, TC, EGR
BDZXL03.6082	C3UI52P	TD2011L04i	69.7@2300	59	30.7	240@1600	64	22.8	DDI, TC, EGR
BDZXL03.6082	C3UI52R	TD2011L04i	69.7@2300	59	30.7	240@1600	64	22.8	DDI, TC, EGR
BDZXL03.6082	C3UI52S	TD2011L04i	69.7@2300	59	30.7	240@1600	64	22.8	DDI, TC, EGR

Deutz AG

Nonroad CI

Engine Model Summary Template

Attachment page 2 of 4

EO # U-R-013-0375

4/12/2011

Engine Family	1.Engine Code	2.Engine Model	3.BHP@RPM (SAE Gross)	4.Fuel Rate: mm/stroke @ peak HP (for diesel only)	5.Fuel Rate: (lbs/hr) @ peak HP (for diesels only)	6.Torque @ RPM (SEA Gross)	7.Fuel Rate: mm/stroke@peak torque	8.Fuel Rate: (lbs/hr)@peak torque	9.Emission Control Device Per SAE J1930
BDZXL03.6082	C3UI52T	TD2011L04i	69.7@2300	59	30.7	240@1600	64	22.8	DDI, TC, EGR, ECM, SPL
BDZXL03.6082	C3UI52U	TD2011L04i	69.7@2300	59	30.7	240@1600	64	22.8	DDI, TC, EGR
BDZXL03.6082	C3UI52Q	TD2011L04i	69.7@2300	59	30.7	240@1600	64	22.8	DDI, TC, EGR
BDZXL03.6082	C3UI51H	TD2011L04i	69.1@2200	59	28.8	240@1600	64	22.8	DDI, TC, EGR
BDZXL03.6082	C3UI51J	TD2011L04i	69.1@2200	59	28.8	240@1600	64	22.8	DDI, TC, EGR
BDZXL03.6082	C3UI51L	TD2011L04i	69.1@2200	59	28.8	240@1600	64	22.8	DDI, TC, EGR
BDZXL03.6082	C3UI51N	TD2011L04i	69.1@2200	59	28.8	240@1600	64	22.8	DDI, TC, EGR
BDZXL03.6082	C3UI51P	TD2011L04i	69.1@2200	59	28.8	240@1600	64	22.8	DDI, TC, EGR
BDZXL03.6082	C3UI51R	TD2011L04i	69.1@2200	59	28.8	240@1600	64	22.8	DDI, TC, EGR
BDZXL03.6082	C3UI51S	TD2011L04i	69.1@2200	59	28.8	240@1600	64	22.8	DDI, TC, EGR
BDZXL03.6082	C3UI51T	TD2011L04i	69.1@2200	59	28.8	240@1600	64	22.8	DDI, TC, EGR
BDZXL03.6082	C3UI51U	TD2011L04i	69.1@2200	59	28.8	240@1600	64	22.8	DDI, TC, EGR
BDZXL03.6082	C3UI51Q	TD2011L04i	69.1@2200	59	28.8	240@1600	64	22.8	DDI, TC, EGR
BDZXL03.6082	C3UI54HA	TD2011L04i	73.4@2600	59	34.1	230@1600	62	22.0	DDI, TC, EGR
BDZXL03.6082	C3UI54JA	TD2011L04i	73.4@2600	59	34.1	230@1600	62	22.0	DDI, TC, EGR
BDZXL03.6082	C3UI54LA	TD2011L04i	73.4@2600	59	34.1	230@1600	62	22.0	DDI, TC, EGR
BDZXL03.6082	C3UI54NA	TD2011L04i	73.4@2600	59	34.1	230@1600	62	22.0	DDI, TC, EGR
BDZXL03.6082	C3UI54PA	TD2011L04i	73.4@2600	59	34.1	230@1600	62	22.0	DDI, TC, EGR
BDZXL03.6082	C3UI54RA	TD2011L04i	73.4@2600	59	34.1	230@1600	62	22.0	DDI, TC, EGR
BDZXL03.6082	C3UI54SA	TD2011L04i	73.4@2600	59	34.1	230@1600	62	22.0	DDI, TC, EGR
BDZXL03.6082	C3UI54TA	TD2011L04i	73.4@2600	59	34.1	230@1600	62	22.0	DDI, TC, EGR
BDZXL03.6082	C3UI54UA	TD2011L04i	73.4@2600	59	34.1	230@1600	62	22.0	DDI, TC, EGR
BDZXL03.6082	C3UI54QA	TD2011L04i	73.4@2600	59	34.1	230@1600	62	22.0	DDI, TC, EGR
BDZXL03.6082	C3UI53H	TD2011L04i	72.0@2500	59	33.3	230@1600	62	22.0	DDI, TC, EGR
BDZXL03.6082	C3UI53J	TD2011L04i	72.0@2500	59	33.3	230@1600	62	22.0	DDI, TC, EGR
BDZXL03.6082	C3UI53L	TD2011L04i	72.0@2500	59	33.3	230@1600	62	22.0	DDI, TC, EGR
BDZXL03.6082	C3UI53N	TD2011L04i	72.0@2500	59	33.3	230@1600	62	22.0	DDI, TC, EGR

Deutz AG

Nonroad CI

Engine Model Summary Template

Attachment page 3 of 4

EO # U-R-013-0375

4/12/2011

Engine Family	1.Engine Code	2.Engine Model	3.BHP@RPM (SAE Gross)	4.Fuel Rate: mm/stroke @ peak HP (for diesel only)	5.Fuel Rate: (lbs/hr) @ peak HP (for diesels only)	6.Torque @ RPM (SEA Gross)	7.Fuel Rate: mm/stroke@peak torque	8.Fuel Rate: (lbs/hr)@peak torque	9.Emission Control Device Per SAE J1930
BDZXL03.6082	C3UI53P	TD2011L04i	72.0@2500	59	33.3	230@1600	62	22.0	DDI, TC, EGR, ECM, SPL
BDZXL03.6082	C3UI53R	TD2011L04i	72.0@2500	59	33.3	230@1600	62	22.0	DDI, TC, EGR
BDZXL03.6082	C3UI53S	TD2011L04i	72.0@2500	59	33.3	230@1600	62	22.0	DDI, TC, EGR
BDZXL03.6082	C3UI53T	TD2011L04i	72.0@2500	59	33.3	230@1600	62	22.0	DDI, TC, EGR
BDZXL03.6082	C3UI53U	TD2011L04i	72.0@2500	59	33.3	230@1600	62	22.0	DDI, TC, EGR
BDZXL03.6082	C3UI53Q	TD2011L04i	72.0@2500	59	33.3	230@1600	62	22.0	DDI, TC, EGR
BDZXL03.6082	C3UI51HA	TD2011L04i	68.8@2400	58	31.5	230@1600	62	22.0	DDI, TC, EGR
BDZXL03.6082	C3UI51JA	TD2011L04i	68.8@2400	58	31.5	230@1600	62	22.0	DDI, TC, EGR
BDZXL03.6082	C3UI51LA	TD2011L04i	68.8@2400	58	31.5	230@1600	62	22.0	DDI, TC, EGR
BDZXL03.6082	C3UI51NA	TD2011L04i	68.8@2400	58	31.5	230@1600	62	22.0	DDI, TC, EGR
BDZXL03.6082	C3UI51PA	TD2011L04i	68.8@2400	58	31.5	230@1600	62	22.0	DDI, TC, EGR
BDZXL03.6082	C3UI51RA	TD2011L04i	68.8@2400	58	31.5	230@1600	62	22.0	DDI, TC, EGR
BDZXL03.6082	C3UI51SA	TD2011L04i	68.8@2400	58	31.5	230@1600	62	22.0	DDI, TC, EGR
BDZXL03.6082	C3UI51TA	TD2011L04i	68.8@2400	58	31.5	230@1600	62	22.0	DDI, TC, EGR
BDZXL03.6082	C3UI51UA	TD2011L04i	68.8@2400	58	31.5	230@1600	62	22.0	DDI, TC, EGR
BDZXL03.6082	C3UI51QA	TD2011L04i	68.8@2400	58	31.5	230@1600	62	22.0	DDI, TC, EGR
BDZXL03.6082	C3UI49H	TD2011L04i	66.2@2300	57	30.2	230@1600	62	22.0	DDI, TC, EGR
BDZXL03.6082	C3UI49J	TD2011L04i	66.2@2300	57	30.2	230@1600	62	22.0	DDI, TC, EGR
BDZXL03.6082	C3UI49L	TD2011L04i	66.2@2300	57	30.2	230@1600	62	22.0	DDI, TC, EGR
BDZXL03.6082	C3UI49N	TD2011L04i	66.2@2300	57	30.2	230@1600	62	22.0	DDI, TC, EGR
BDZXL03.6082	C3UI49P	TD2011L04i	66.2@2300	57	30.2	230@1600	62	22.0	DDI, TC, EGR
BDZXL03.6082	C3UI49R	TD2011L04i	66.2@2300	57	30.2	230@1600	62	22.0	DDI, TC, EGR
BDZXL03.6082	C3UI49S	TD2011L04i	66.2@2300	57	30.2	230@1600	62	22.0	DDI, TC, EGR
BDZXL03.6082	C3UI49T	TD2011L04i	66.2@2300	57	30.2	230@1600	62	22.0	DDI, TC, EGR
BDZXL03.6082	C3UI49U	TD2011L04i	66.2@2300	57	30.2	230@1600	62	22.0	DDI, TC, EGR
BDZXL03.6082	C3UI49Q	TD2011L04i	66.2@2300	57	30.2	230@1600	62	22.0	DDI, TC, EGR
BDZXL03.6082	C3UI55H	TD2011L04I	73.8@2400	60	32.0	240@1600	64	22.8	DDI, TC, EGR

Deutz AG
Nonroad CI

Engine Model Summary Template

Attachment page 4 of 4

EO # U-R-013-0375
4/12/2011

Engine Family	1.Engine Code	2.Engine Model	3.BHP@RPM (SAE Gross)	4.Fuel Rate: mm/stroke @ peak HP (for diesel only)	5.Fuel Rate: (lbs/hr) @ peak HP (for diesels only)	6.Torque @ RPM (SEA Gross)	7.Fuel Rate: mm/stroke@peak torque	8.Fuel Rate: (lbs/hr)@peak torque	9.Emission Control Device Per SAE J1930
BDZXL03.6082	C3UI55J	TD2011L04I	73.8@2400	60	32.0	240@1600	64	22.8	DDI, TC, EGR, ECM, SPL
BDZXL03.6082	C3UI55L	TD2011L04I	73.8@2400	60	32.0	240@1600	64	22.8	DDI, TC, EGR
BDZXL03.6082	C3UI55N	TD2011L04I	73.8@2400	60	32.0	240@1600	64	22.8	DDI, TC, EGR
BDZXL03.6082	C3UI55P	TD2011L04I	73.8@2400	60	32.0	240@1600	64	22.8	DDI, TC, EGR
BDZXL03.6082	C3UI55R	TD2011L04I	73.8@2400	60	32.0	240@1600	64	22.8	DDI, TC, EGR
BDZXL03.6082	C3UI55S	TD2011L04I	73.8@2400	60	32.0	240@1600	64	22.8	DDI, TC, EGR
BDZXL03.6082	C3UI55T	TD2011L04I	73.8@2400	60	32.0	240@1600	64	22.8	DDI, TC, EGR
BDZXL03.6082	C3UI55U	TD2011L04I	73.8@2400	60	32.0	240@1600	64	22.8	DDI, TC, EGR
BDZXL03.6082	C3UI55Q	TD2011L04I	73.8@2400	60	32.0	240@1600	64	22.8	DDI, TC, EGR
BDZXL03.6082	C3UI52V	D3,6DCCE3	69.7@2300	59	30.2	240@1600	64	22.8	DDI, TC, EGR
BDZXL03.6082	C3UI52P	TD2011L04	69.7@2300	59	30.9	250@1600	65	23.1	DDI, TC, EGR
BDZXL03.6082	C3UI55H	TD2011L04	75.0@2600	58	31.5	250@1600	65	23.1	DDI, TC, EGR

(ET)

United Rentals

June 19, 2012

Unit # 1113091 Mutliquip DCA300SSC has been maintained per manufactures requirements and is in good working order. At the time of the machines departure from United Rental yard in Dublin, CA. to the jobsite (Marsh Landing Generating Station) a full inspection was performed prior to allowing the machine to leave our yard. If any Safety or Environmental issues where found during this inspection the machine would not be allowed to be put to work until all issues have been resolved.

United Rentals

George Calligeros

Account Manager

Northern California

(ET)

California Environmental Protection Agency AIR RESOURCES BOARD	CUMMINS INC.	EXECUTIVE ORDER U-R-002-0449 New Off-Road Compression-Ignition Engines

Pursuant to the authority vested in the Air Resources Board by Sections 43013, 43018, 43101, 43102, 43104 and 43105 of the Health and Safety Code; and

Pursuant to the authority vested in the undersigned by Sections 39515 and 39516 of the Health and Safety Code and Executive Order G-02-003;

IT IS ORDERED AND RESOLVED: That the following compression-ignition engine and emission control system produced by the manufacturer are certified as described below for use in off-road equipment. Production engines shall be in all material respects the same as those for which certification is granted.

MODEL YEAR	ENGINE FAMILY	DISPLACEMENT (liters)	FUEL TYPE	USEFUL LIFE (hours)
2008	8CEXL0540AAB	8.8	Diesel	8000

SPECIAL FEATURES & EMISSION CONTROL SYSTEMS	TYPICAL EQUIPMENT APPLICATION
Direct Diesel Injection, Turbocharger, Charge Air Cooler, Engine Control Module	Crane, Loader, Tractor, Dozer, Pump and Compressor

The engine models and codes are attached.

The following are the exhaust certification standards (STD) and certification levels (CERT) for hydrocarbon (HC), oxides of nitrogen (NOx), or non-methane hydrocarbon plus oxides of nitrogen (NMHC+NOx), carbon monoxide (CO), and particulate matter (PM) in grams per kilowatt-hour (g/kw-hr), and the opacity-of-smoke certification standards and certification levels in percent (%) during acceleration (Accel), lugging (Lug), and the peak value from either mode (Peak) for this engine family (Title 13, California Code of Regulations, (13 CCR) Section 2423):

RATED POWER CLASS	EMISSION STANDARD CATEGORY		EXHAUST (g/kw-hr)					OPACITY (%)		
			HC	NOx	NMHC+NOx	CO	PM	ACCEL	LUG	PEAK
130 ≤ kW < 450	Tier 3	STD	N/A	N/A	4.0	3.5	0.20	20	15	50
		CERT	--	--	3.9	3.3	0.15	5	2	13

BE IT FURTHER RESOLVED: That for the listed engine models, the manufacturer has submitted the information and materials to demonstrate certification compliance with 13 CCR Section 2424 (emission control labels), and 13 CCR Sections 2425 and 2426 (emission control system warranty).

Engines certified under this Executive Order must conform to all applicable California emission regulations.

This Executive Order is only granted to the engine family and model-year listed above. Engines in this family that are produced for any other model-year are not covered by this Executive Order.

Executed at El Monte, California on this 14th day of December 2007.

J. Lourenco

Annette Hebert, Chief
Mobile Source Operations Division

ATTACHMENT Pg 1 of 2

Engine Model Summary Form

U-R-002-0449

Manufacturer: **Cummins Inc.**

Engine category: **Nonroad CI**

EPA Engine Family: **8CEXL0540AAB**

Mfr Family Name: **B563**

Process Code: **New Submission**

1.Engine Code	2.Engine Model	3.BHP@RPM (SAE Gross)	4.Fuel Rate: mm/stroke @ peak HP (for diesel only)	5.Fuel Rate: (lbs/hr) @ peak HP (for diesels only)	6.Torque @ RPM (SEA Gross)	7.Fuel Rate: mm/stroke@peak torque	8.Fuel Rate: (lbs/hr)@peak torque	9.Emission Control Device Per SAE J1930
8548;FR91672	QSL	350@2100	192	135.8	1120@1500	223	113.0	ECM TC CAC
8641;FR91520	QSL	350@2100	192	135.8	1120@1500	223	113.0	ECM TC CAC
8641;FR91518	QSL	365@2100	192	136.1	1113@1500	202	102.2	ECM TC CAC
8641;FR91679	QSL	340@2200	173	128.4	1096@1500	218	110.1	ECM TC CAC
8641;FR92257	QSL	365@2100	192	136.1	1113@1500	202	102.2	ECM TC CAC
8641;FR91673	QSL	345@1800	206	125.2	1095@1400	217	102.6	ECM TC CAC
8641;FR91681	QSL	330@1800	199	121.0	1075@1400	216	102.4	ECM TC CAC
8641;FR91523	QSL	325@1800	194	117.7	1050@1400	212	100.1	ECM TC CAC
8641;FR91525	QSL	300@1800	187	113.5	1000@1400	210	99.1	ECM TC CAC
8641;FR91527	QSL	280@2000	164	110.3	1000@1400	210	99.1	ECM TC CAC
8641;FR91528	QSL	280@1800	174	106.0	950@1400	197	93.0	ECM TC CAC
8647;FR91675	QSL	325@2000	178	120.1	1050@1500	217	109.8	ECM TC CAC
8647;FR91689	QSL	305@2000	174	117.4	1109@1400	216	102.2	ECM TC CAC
8647;FR91524	QSL	300@2100	170	120.4	1010@1500	210	106.2	ECM TC CAC
8647;FR91676	QSL	300@2000	173	116.7	1010@1500	211	106.7	ECM TC CAC
8647;FR91674	QSL	325@2100	176	124.6	1050@1500	213	107.7	ECM TC CAC
8647;FR91526	QSL	280@2100	165	116.6	1050@1500	214	108.3	ECM TC CAC
8647;FR91680	QSL	330@2100	178	126.0	1050@1500	213	107.7	ECM TC CAC
0422;FR91709	QSL	280@2000	164	110.3	1070@1400	212	100.1	ECM TC CAC
0422;FR92041	QSL	250@2000	145	97.5	800@1400	157	74.2	ECM TC CAC
1404;FR91996	QSL9-G3	345@1500	243	123.0	NA	NA	NA	ECM TC CAC
1404;FR91996	QSL9-G3	399@1800	239	145.2	NA	NA	NA	ECM TC CAC
1404;FR92204	QSL9-G2	374@1800	219	133.0	NA	NA	NA	ECM TC CAC
1404;FR92204	QSL9-G2	321@1500	220	111.0	NA	NA	NA	ECM TC CAC
1404;FR92201	QSL9-G1	325@1800	200	121.3	NA	NA	NA	ECM TC CAC
1404;FR92201	QSL9-G1	285@1500	201	101.4	NA	NA	NA	ECM TC CAC
8695;FR91546	QSL9-G2	364@1800	219	133.2	NA	NA	NA	ECM TC CAC
8695;FR91546	QSL9-G2	310@1500	213	107.6	NA	NA	NA	ECM TC CAC

1754;FR92067	QSL9-G2	364@1800	219	133.3	NA	NA	NA	ECM TC CAC
1754;FR92067	QSL9-G2	310@1500	213	107.6	NA	NA	NA	ECM TC CAC

(EU)

United Rentals

June 4, 2012

Unit # 1160609 Bobcat T-190 Skidsteer has been maintained per manufactures requirements and is in good working order. At the time of the machines departure from United Rental yard in Dublin, CA. to the jobsite (Marsh Landing Generating Station) a full inspection was performed prior to allowing the machine to leave our yard. If any Safety or Environmental issues where found during this inspection the machine would not be allowed to be put to work until all issues have been resolved.

United Rentals

George Calligeros

Account Manager

Northern California

(EV)

California Environmental Protection Agency AIR RESOURCES BOARD	KUBOTA Corporation	EXECUTIVE ORDER U-R-025-0354 New Off-Road Compression-Ignition Engines

Pursuant to the authority vested in the Air Resources Board by Sections 43013, 43018, 43101, 43102, 43104 and 43105 of the Health and Safety Code; and

Pursuant to the authority vested in the undersigned by Sections 39515 and 39516 of the Health and Safety Code and Executive Order G-02-003;

IT IS ORDERED AND RESOLVED: That the following compression-ignition engines and emission control systems produced by the manufacturer are certified as described below for use in off-road equipment. Production engines shall be in all material respects the same as those for which certification is granted.

MODEL YEAR	ENGINE FAMILY	DISPLACEMENT (liters)	FUEL TYPE	USEFUL LIFE (hours)
2008	8KBXL02.6EAD	2.615	Diesel	8000

SPECIAL FEATURES & EMISSION CONTROL SYSTEMS	TYPICAL EQUIPMENT APPLICATION
Direct Diesel Injection, Turbocharger, Exhaust Gas Recirculation	Compressor, Other Industrial Equipment

The engine models and codes are attached.

The following are the exhaust certification standards (STD) and certification levels (CERT) for hydrocarbon (HC), oxides of nitrogen (NOx), or non-methane hydrocarbon plus oxides of nitrogen (NMHC+NOx), carbon monoxide (CO), and particulate matter (PM) in grams per kilowatt-hour (g/kw-hr), and the opacity-of-smoke certification standards and certification levels in percent (%) during acceleration (Accel), lugging (Lug), and the peak value from either mode (Peak) for this engine family (Title 13, California Code of Regulations, (13 CCR) Section 2423):

RATED POWER CLASS	EMISSION STANDARD CATEGORY		EXHAUST (g/kw-hr)					OPACITY (%)		
			HC	NOx	NMHC+NOx	CO	PM	ACCEL	LUG	PEAK
37 ≤ kW < 56	Tier 4 interim	STD	N/A	N/A	4.7	5.0	0.30	20	15	50
		CERT	--	--	3.9	1.0	0.22	4	1	11

BE IT FURTHER RESOLVED: That for the listed engine models, the manufacturer has submitted the information and materials to demonstrate certification compliance with 13 CCR Section 2424 (emission control labels), and 13 CCR Sections 2425 and 2426 (emission control system warranty).

Engines certified under this Executive Order must conform to all applicable California emission regulations.

This Executive Order is only granted to the engine family and model-year listed above. Engines in this family that are produced for any other model-year are not covered by this Executive Order.

Executed at El Monte, California on this 18 day of December 2007.

Annette Hebert, Chief
Mobile Source Operations Division

Engine Model Summary Form

U-R-025-0354

Attachment

Manufacturer: **KUBOTA Corporation**

Engine category: **Nonroad CI**

EPA Engine Family: **8KBXL02.6EAD**

Mfr Family Name: **N/A**

Process Code: **New Submission**

1.Engine Code	2.Engine Model	3.BHP@RPM (SAE Gross)	4.Fuel Rate: mm/stroke @ peak HP (for diesel only)	5.Fuel Rate: (lbs/hr) @ peak HP (for diesels only)	6.Torque @ RPM (SEA Gross)	7.Fuel Rate: mm/stroke@peak torque	8.Fuel Rate: (lbs/hr)@peak torque	9.Emission Control Device Per SAE J1930
V2607-DI-T-ET01	V2607-DI-T-ET	49 66.0@2700	45.6	27.5	173.6@1600	54.0	19.3	EM, EGR DDI, TC
V2607-DI-T-ET02	V2607-DI-T-ET	66.0@2700	45.6	27.5	168.4@1600	52.4	18.7	EM, EGR
V2607-DI-T-ET03	V2607-DI-T-ET	66.0@2700	45.6	27.5	162.5@1600	50.6	18.1	EM, EGR
V2607-DI-T-ET04	V2607-DI-T-ET	61.0@2700	42.1	25.4	155.5@1600	45.9	16.4	EM, EGR
V2607-DI-T-ET05	V2607-DI-T-ET	64.6@2600	45.5	26.4	168.4@1600	52.4	18.7	EM, EGR
V2607-DI-T-ET06	V2607-DI-T-ET	61.8@2400	45.5	24.4	168.4@1600	52.4	18.7	EM, EGR
V2607-DI-T-ET07	V2607-DI-T-ET	56.7@2200	44.5	21.9	168.4@1600	52.4	18.7	EM, EGR

2.02

Marsh Landing Generating Station (08-AFC-3C)
Biological Resources Report Subsections 2.04/2.06
June 2012

July 9, 2012

Christine Stora
Compliance Project Manager
California Energy Commission
1516 Ninth Street, MS-2000
Sacramento, CA 95814-5512

RE: Marsh Landing Generating Station (08-AFC-3C)
June 2012 Monthly Monitoring Summary Report, Biological Resources

Dear Ms. Stora:

In accordance with BIO-2, BIO-5 and BIO-6 of the California Energy Commission's (CECs) Conditions of Certification (COCs), this report summarizes the surveys and monitoring of biological resources during June 2012 for the Marsh Landing Generating Station (MLGS). This document presents the results of monitoring, describes activities conducted, and identifies compliance issues found in accordance with the COCs for biological resources and Section 9.3 of the Biological Resources Mitigation, Implementation, and Monitoring Plan (BRMIMP) for the MLGS.

Project Description

The MLGS site is located in unincorporated Contra Costa County, California, approximately one-tenth of a mile from the current City of Antioch limits and just west of State Route (SR) 160. Surrounding land uses include the existing Contra Costa Power Plant (CCPP) to the north, east and south, the Pacific Gas and Electric (PG&E) electrical switchyard to the south, the PG&E Gateway Generating Station to the east, a large vacant lot that was previously used for industrial (paper making) purposes to the west, and the San Joaquin River to the north.

The MLGS site will occupy approximately 27 acres on the western portion of the CCPP site formerly occupied by five #6 fuel oil tanks and an area to the east of the former tank farm. The proposed MLGS site, construction laydown areas, and project linear routes are mostly contained within the existing CCPP property and are highly disturbed or developed due to ongoing CCPP operations, recently completed demolition of fuel oil tanks on the site, and construction of the Gateway Generating Station. The project includes a new wastewater pipeline to convey, process, and sanitize wastewater for the City of Antioch's sewer main on Wilbur Avenue.

The majority of the MLGS site is composed of paved, graveled, or bare ground surfaces with very sparse ruderal and ornamental vegetation. Herbaceous cover, when present, is limited to weedy annuals including willow herb (*Epilobium brachycarpum*), prickly lettuce (*Lactuca serriola*), black mustard (*Brassica nigra*), burclover (*Medicago polymorpha*), and short-pod mustard (*Hirschfeldia incana*). A fencerow of Tasmanian bluegum (*Eucalyptus globulus*) occurs along the western perimeter of the MLGS site. Because the MLGS site has been primarily devoid of vegetation for the last 59 years while used as a fuel oil tank farm, and was the site of demolition over the several months prior to MLGS mobilization and construction, wildlife use of the site is limited.

Biological Resources Monitoring

Condition of Certification BIO-2 requires that the Designated Biologist "supervise, conduct and coordinate mitigation, monitoring and other biological resources compliance efforts, particularly in areas requiring avoidance or containing sensitive biological resources, such as special status species or their habitat." As such, monitoring of this site began at the initiation of site mobilization and demolition activities on February 14, 2011, and has continued through the present. On September 26, 2011, URS, in coordination with GenOn and the CEC Biologist and Compliance Project Manager, reduced the biological monitoring effort to once per every two weeks. This level of effort was considered sufficient due to the absence of active bird nests or other biological concerns that would normally require daily presence of a biologist. On February 15, 2012, and with the concurrence of the CEC, the level of biological monitoring was increased to one monitoring inspection per week in response to the initiation of bird nesting activity on site (URS 2012). On June 6, 2012, Ann Crisp of the CEC requested that biological monitoring on site increase to twice per week, to be reassessed when it is determined nesting activity has decreased for the current breeding season. To satisfy this request, URS began performing biweekly site visits the week of June 11, 2012. Biological monitoring occurred on June 6, 12, 15, 19, 22, 26 and 29, 2012; a biological monitor was on site on each of these days.

Approved biological monitors, under the supervision of the Designated Biologist, arrive on site to check-in with the MLGS Site Manager, attend the Kiewit daily safety/toolbox briefing, and then fill out a daily report form from the Safe Work Plan to turn into the safety manager. Monitors then proceed with their monitoring inspection, documented in the Daily Monitoring Log. A typical monitoring inspection consists of a walk around the project site to record observations of ongoing activities and inspect active work areas for wildlife presence and indirect (i.e. noise-, dust-related) disturbance. During the monitoring inspection, monitors record all species observed within and adjacent to the project site on the Daily Monitoring Log (see Attachment A for complete Daily Monitoring Logs and Attachment B for a complete list of species observed during biological resources monitoring).

Monitors perform inspections to ensure proper maintenance and continued implementation of the mitigation measures listed below. This includes an inspection of all ESA fencing and silt fencing. Monitors also briefly survey the entire site, including inactive work zones, for nesting bird activity, stabilization of disturbed slopes where erosion may occur, proper management of potential wildlife pitfalls, and proper waste disposal. Should further mitigation measures be implemented in the future, monitors will conduct inspections to ensure they are well-kept in accordance with the COCs.

Biological Resources Monitoring Observations: June 2012

As reported in the May monthly compliance report, on May 11, 2012 a house finch (*Carpodacus mexicanus*) nest was detected 70 feet off the ground, facing west, on top of the partially erected tower number 2 (URS 2012). In close coordination with CEC supervising biologist Rick York, it was agreed that the appropriate course of action in this case was to simply ensure the nest was not physically destroyed by construction activities. Another house finch nest, at a similar stage of development was detected on the east face of tower number 2 by construction personnel on June 1, 2012. The nest was located in a steel joint at the same elevation as the west facing nest, and based on images of chicks captured in photographs taken by Kiewit personnel, appeared to be at

the same approximate developmental stage. An approach similar to that adopted for the first nest was approved by CEC biologist Ann Crisp on June 6.

On June 12 a biologist visually inspected both of the nests, which based on the initial detection date, were anticipated to be fully fledged. When inspected, both nests were determined to be empty except for a single, desiccated, partially developed chick carcass that was present in the west facing nest. Both nests were removed upon inspection, a course of action that had been pre-approved by CEC biologist Ann Crisp on June 8. Observations of the towers and other structures in the energy block throughout June did not detect new nesting activity.

On several occasions in the month of June, monitors noticed small amounts of trash along the perimeter of the southern fence line and south staging area. Kiewit performs trash clean up throughout the site on a regular basis. These locations were cleaned within a few days of notification to Kiewit. Overall, site housekeeping is excellent.

On June 15, the monitor noticed that the ESA fencing in the south staging area, specifically at the designated turn-around site was beginning to come apart due to the heavy sustained winds in this location. Kiewit was informed, and the fencing had been repaired as of the subsequent monitoring inspection on June 19. ESA fencing throughout the rest of the site is in good condition and repaired on a regular basis.

Native mammals were detected by construction personnel in active work areas on multiple occasions in June. On June 13, GenOn contacted URS to report a juvenile squirrel in an active work area in the energy block. A URS biologist reviewed photos of the squirrel, and confirmed that it was a California ground squirrel (*Otospermophilus beecheyi*). Construction personnel safely relocated the juvenile squirrel out of the energy block, into a vegetated area. On June 19, a raccoon was observed by construction personnel travelling through the project area during the day. The monitor was contacted, but by the time he arrived in the project area, the raccoon had apparently walked into the PG&E switchyard to the south and was not seen again. Construction personnel reported to the monitor that the raccoon looked sick, though they did not elaborate on the specific reasons for this description. URS informed GenOn to direct Kiewit personnel to avoid coming into contact with any raccoons detected on site in the event that the sick raccoon was displaying symptoms (including diurnal activity) potentially related to rabies.

The monitor performed a focused nesting bird survey in the east greenbelt of the detention basin on June 22, in support of future wastewater pipeline work. Although birds were active in the area, particularly northern mockingbird (*Mimus polyglottos*), bushtit (*Psaltriparus minimus*), and scrub jay (*Aphelocoma californica*), no nests were detected. The monitor also performed a preliminary tree and shrub assessment in the east greenbelt on June 26. The purpose of this survey was to locate native and ornamental trees present in or near the proposed wastewater pipeline route. Based on the results of the preliminary survey, the monitor returned to the east greenbelt on June 29, and collected GPS data on known or potential native trees detected and flagged earlier in the week.

During the June 29 site visit, the monitor inspected annual vegetation that has begun colonizing the north, west and south berms surrounding the energy block. No special-status plant species were detected during this inspection. While inspecting vegetation along the inside slope of the north berm, the monitor noticed that the secondary containment basin surrounding a single baker

tank contained water, algae, and aquatic insects. The water depth was approximately 4 inches. URS recommended to GenOn that the secondary containment basin be dewatered as soon as possible as it is potential nuisance habitat for native amphibians.

The federally listed endangered Antioch dunes evening primrose (*Oenothera deltoides* ssp. *howellii*) (primrose) first described in the May 2011 monthly report (URS 2011a) growing on the property immediately west of the MLGS site remains undetected in the project area. The single primrose plant detected on July 27, 2011, outside the project area, west of Tank 6 (described initially in the July 2011 monthly report [URS 2011b]) bloomed in May and remains protected behind ESA fencing.

No other potential conflicts between the MLGS project and sensitive biological resources (within or outside of the project boundaries) were observed.

Construction Activities

During the month of June MLGS site activities included:

- Trenching and backfilling
- Earthmoving
- Nightwork
- Repair of ESA fencing
- Staging equipment in the southern staging area
- Building wooden concrete forms and installing rebar
- Pouring concrete
- Construction of power-block turbines, towers and transformers.

Implementation of Mitigation Measures

For the month of June 2012, several mitigation measures were implemented in accordance with COCs BIO-4, BIO-6 and the general Best Management Practices (BMPs) outlined in the BRMIMP Section 8.1. Specifically:

- Environmentally Sensitive Area (ESA) fencing was maintained to demarcate construction exclusion zones around the drainage areas west of Tank 6, the oak tree west of the berm between former Tanks 3 and 5 (COC BIO-6-1), the oak tree in the greenbelt near the well-pad construction site, and along the western openings of the detention basin culverts. New ESA fencing was maintained in the southern staging area between the PG&E switchyard and the detention basin. Silt fencing was installed and maintained around staging and construction areas (Storm Water Pollution Prevention Plan measures; BRMIMP section 8.1.1)
- Potential wildlife pitfalls (trenches, bores, other excavations) were backfilled, sloped at a 3:1 ratio or covered completely at the end of each workday to avoid trapping wildlife (COC BIO-6-5). Plastic sheeting around the perimeter of large concrete vaults was used to exclude wildlife.
- Worker guidelines were enforced to ensure all trash and food-waste was contained and removed daily from the site (COC BIO-6-8)

- Dust control measures were implemented on all unvegetated surfaces and in demolition areas (BRMIMP section 8.1.1)
- A vehicle speed limit of 15 miles per hour was enforced on all nonpublic roads (BRMIMP section 8.1.1)
- (COC BIO-7-3). No nest buffers were in effect during the month of June.

Conditions of Certification Compliance

No instances of non-compliance with the Conditions of Certification or applicable laws, ordinances, and regulations were recorded.

Summary

Monitoring activities did not reveal any issues with management of biological resources. Observations of wildlife indicate the majority of activity occurs outside of the active construction zones and no impacts to wildlife have been observed or are anticipated. Monitors will continue to survey in the same manner as practiced currently unless otherwise specified by the Designated Biologist and approved by the Compliance Project Manager.

References

URS (URS Corporation). 2011a. Marsh Landing Generating Station (08-AFC-3C): May 2011 Monthly Monitoring Summary Report, Biological Resources. June 2.

URS (URS Corporation). 2011b. Marsh Landing Generating Station (08-AFC-3C): July 2011 Monthly Monitoring Summary Report, Biological Resources. August 4.

URS (URS Corporation). 2012. Marsh Landing Generating Station (08-AFC-3C): House Finch Nest on Tower No. 2 (BIO-7). May 18.

Sincerely,

Jonathan Stead
Designated Biologist, MLGS
URS Corporation

Attachments

cc: David Frandsen, GenOn
Nick Hontucan, GenOn
Anne Connell, URS

Attachment A

Daily Biological Resources Monitoring Logs
June 2012
Marsh Landing Generating Station

Biological Monitoring Log

Marsh Landing Generating Station	Date: 6/6/2012
Monitor: NOUR MARDINI	Time: 7AM - 12PM
Weather: SUNNY, LIGHT WIND	

Photo Numbers:

Activity that requires monitor's presence:

Weekly construction monitoring

Description of Construction Activities Observed:

General construction

Compliance Observations and Issues:

ESA Fencing: Up & intact, but Antioch Dunes Evening Primrose is growing through & out of the fencing

Wildlife Pitfalls/Traps/Pipes: OK

Nesting Birds: OK

Coordination with Construction Personnel: Checked in w/David Frandsen

Other Compliance Issues:

Trash + broken glass (a lot!) observed in ~~southern~~ re western side of retention - detention basin south staging area

Wildlife Species List for Day:

POWER GEN. STATION: House finches, barn swallows, cliff swallows

WESTERN PERIMETER: Crow, egret overhead, scrub jays

RET-DETENTION BASIN: Killdeer, mourning dove, lesser goldfinch, (soaring) red-tail hawk, house finches, California ground squirrel, european starling, western kingbird

NORTHERN PERIMETER: Western gull, snowy egret, (soaring) turkey vulture

GEN ON BUILDING: Swallows nesting - fledgelings observed in nest

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Daily Monitoring Checklist Date 6/6/2012
(Check if in compliance)

- ☑ ESA fencing or a physical barrier is separating sensitive resources from active work areas and is in good condition. → Primrose growing thru fence - needs to be extended
- ☑ All trenches left open overnight have an escape ramp or are completely covered
- * ☑ No new bird nesting activity observed/known nests buffered appropriately
- ☑ Straw wattles and/or silt fence are in place and in good condition
- ☑ Any areas of disturbed soil with slopes off the site are stabalized to reduce erosion potential during and after construction
- ☐ Speed limit signs and messages are in place and accurate N/A
- ☐ Equipment storage and parking is limited to the project site and/or designated staging areas N/A
- ☑ Deliberate feeding of wildlife is not occurring
- ** ☑ Food-related trash is being disposed of in closed containers and removed weekly
- ☑ No firearms are present on site (except security personnel) N/A
- ☑ No pets are present on site

* Observed house finch nests: nest #1 (western side) not directly seen, but ♂ & ♀ observed repeatedly going back & forth. nest #2: heard finches, but neither finches nor nest directly observed

** Broken glass & trash observed in SW ret-detention basin area

Notes:
Called to construction area due to crow attacking pigeon - pigeon injured but able to fly away & perch. No action taken

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Biological Monitoring Log

Marsh Landing Generating Station	Date: Jun-12-2012
Monitor: Ode Bernstein	Time: 0645-1000
Weather: Sunny, warm, moderate wind	

Photo Numbers: taken with phone

Activity that requires monitor's presence: general construction activity and post-fledgling nest inspection on cooling tower #2

Description of Construction Activities Observed: Most activity is concentrated on construction of the generators and associated structures in the energy block.

Compliance Observations and Issues: No non-compliance issues detected.

ESA Fencing: Fencing around the oak tree has been repaired. ESA fencing in the turn-around area of the detention basin was starting to come undone around a number of T-posts. The monitor temporarily repaired the fencing and informed Raja that it was in need of repair. In general, ESA fence is in good repair throughout the site.

Wildlife Pitfalls/Traps/Pipes: All pipes appear to be properly stored above ground level. All trenches appear to be in compliance. In general, the overall number of open trenches is small compared to earlier in the year/last year.

Nesting Birds: The biologist inspected the house finch nests on the east and west sides of cooling tower #2 today. No fledglings, eggs or adult birds were present in or around the nests, which, based on lack of activity and time from initial detection, we assume to be inactive. A single, partially molted chick was found dead in the nest *in-situ*. This is likely due to natural causes (disease, nestling competition, genetic abnormality, etc.) The monitor removed both nests from the tower after determining that they were inactive. Photos were taken of the removed nests and dead chick.

Coordination with Construction Personnel: Access to the nests necessitated use of a boom-lift and safety harness, and rigging. The monitor coordinated with both GenOn and Kiewit safety staff prior to and during the nest inspection and removal. The aerial nest inspection and removal was performed safely and professionally.

Other Compliance Issues: Trash was accumulating on the south silt fence at the toe of the slope. Raja was informed that it should be cleaned up. In general, housekeeping on the site is superb.

Bird Species on site:
House finch, starling, great blue heron, eurasian collared dove, cliff swallow, cormorant, gulls, western kingbird, mockingbird, killdeer, crow.

Daily Monitoring Checklist **Date June 12, 2012**
(Check if in compliance)

√ ESA fencing or a physical barrier is separating sensitive resources from active work areas and is in good condition.

√ All trenches left open overnight have an escape ramp or are completely covered

√ No new bird nesting activity observed/known nests buffered appropriately

Straw wattles and/or silt fence are in place and in good condition

√ Any areas of disturbed soil with slopes off the site are stabalized to reduce erosion potential during and after construction

√ Speed limit signs and messages are in place and accurate

√ Equipment storage and parking is limited to the project site and/or designated staging areas

√ Deliberate feeding of wildlife is not occurring

√ Food-related trash is being disposed of in closed containers and removed weekly

√ No firearms are present on site (except security personnel)

√ No pets are present on site

Notes:

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Biological Monitoring Log

Marsh Landing Generating Station	Date: 6/15
Monitor: MIKE DEMPSEY	Time: 7:15
Weather: Sunny, wind 5 mph	

Photo Numbers:

Activity that requires monitor's presence:

CONSTRUCTION, SURVEY FOR WASTEWATER LINE

Description of Construction Activities Observed:

overhead work on energy block, confined space work/welding
trenching/excavation
staging area materials prep

Compliance Observations and Issues:

ESA Fencing: Repair needed in West side of south laydown

Wildlife Pitfalls/Traps/Pipes: Pipes in central/main laydown need to be checked before moved

Nesting Birds: None

Coordination with Construction Personnel: N/A

Other Compliance Issues: No veg clearing can happen near roads/fentances w/o prior consultation/surveys

Wildlife Species List for Day:

swallow
crow
mourning dove
killdeer
shrike
ground squirrel
fence lizard

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Daily Monitoring Checklist **Date** 6/15
(Check if in compliance)

- ☐ ESA fencing or a physical barrier is separating sensitive resources from active work areas and is in good condition. see notes
- ☑ All trenches left open overnight have an escape ramp or are completely covered
- ☑ No new bird nesting activity observed/known nests buffered appropriately
- ☑ Straw wattles and/or silt fence are in place and in good condition
- ☑ Any areas of disturbed soil with slopes off the site are stabalized to reduce erosion potential during and after construction
- ☑ Speed limit signs and messages are in place and accurate
- ☑ Equipment storage and parking is limited to the project site and/or designated staging areas
- ☑ Deliberate feeding of wildlife is not occurring
- ☑ Food-related trash is being disposed of in closed containers and removed weekly
- ☑ No firearms are present on site (except security personnel)
- ☑ No pets are present on site

Notes:

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Biological Monitoring Log

Marsh Landing Generating Station	Date: 6/19/2012
Monitor: Joe Bandel	Time: 6:45 → 10:15
Weather: Sunny, warm, Temps 60s → 80s	

Photo Numbers:

Activity that requires monitor's presence:

Description of Construction Activities Observed:

- Construction in energy block including moving materials w/ crane, excavation work, steel work, work on silt fence, clean up
- Moved material out of Southern Staging area

Compliance Observations and Issues:

ESA Fencing: In place + in good condition

Wildlife Pitfalls/Traps/Pipes: All pits + traps covered or have escape ramps

Nesting Birds: No nests found

Coordination with Construction Personnel:

Other Compliance Issues:

Wildlife Species List for Day:

Cliff swallow, house finch, western scrubjay, American Crow, eurasian collared dove, red-winged blackbird, black tailed jackrabbit, western fence lizard – seen in Southern staging area, raccoon

Found all over project area

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Daily Monitoring Checklist **Date** 6/19/2012
(Check if in compliance)

- ☑ ESA fencing or a physical barrier is separating sensitive resources from active work areas and is in good condition.
- ☑ All trenches left open overnight have an escape ramp or are completely covered
- ☑ No new bird nesting activity observed/known nests buffered appropriately
- ☑ Straw wattles and/or silt fence are in place and in good condition
- ☑ Any areas of disturbed soil with slopes off the site are stabalized to reduce erosion potential during and after construction
- ☑ Speed limit signs and messages are in place and accurate
- ☑ Equipment storage and parking is limited to the project site and/or designated staging areas
- ☑ Deliberate feeding of wildlife is not occurring
- ☑ Food-related trash is being disposed of in closed containers and removed weekly
- ☑ No firearms are present on site (except security personnel)
- ☑ No pets are present on site

Notes: Raccoon was observed by workers walking through the site the raccoon was observed by workers to look sick. I was called about the sick raccoon. Before I even was able to see the raccoon, it moved into the PG+E switchyard out of distance to be observed.

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Biological Monitoring Log

Marsh Landing Generating Station	Date: 6/22/202
Monitor: ODE BERNSTEIN	Time: 0645 – 1100
Weather: SUNNY, HIGH 50S, WINDY	

Photo Numbers: -

Activity that requires monitor's presence:

CONSTRUCTION

Description of Construction Activities Observed:

STAGING
TOWER CONSTRUCTION

Compliance Observations and Issues:

ESA Fencing: OK

Wildlife Pitfalls/Traps/Pipes: OK

Nesting Birds: OK – NONE IN PROJECT AREA

Coordination with Construction Personnel: OK - COORDINATED W/ DAVID FRANDSEN

Other Compliance Issues: NONE

Wildlife Species List for Day:

KINGBIRD
ANNAS HUMMINGBIRD
CLIFF SWALLOW
RED TAIL HAWK
KESTREL
CROW
WHITE TAIL KITE
SCRUB JAY
CAL GROUND SQUIRREL
RACCOON TRACKS
DOVE (NATIVE/EXOTIC)
PIGEON
ACCIPITER
CASPIAN TERN
RAVEN

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Daily Monitoring Checklist **Date** 6/22/12
(Check if in compliance)

- ☑ ESA fencing or a physical barrier is separating sensitive resources from active work areas and is in good condition.
- ☑ All trenches left open overnight have an escape ramp or are completely covered
- ☑ No new bird nesting activity observed/known nests buffered appropriately
- ☑ Straw wattles and/or silt fence are in place and in good condition
- ☑ Any areas of disturbed soil with slopes off the site are stabalized to reduce erosion potential during and after construction
- ☑ Speed limit signs and messages are in place and accurate
- ☑ Equipment storage and parking is limited to the project site and/or designated staging areas
- ☑ Deliberate feeding of wildlife is not occurring
- ☑ Food-related trash is being disposed of in closed containers and removed weekly
- ☑ No firearms are present on site (except security personnel)
- ☑ No pets are present on site

WINDY

Notes: FOCUSED BIRD SURVEY

GREENBELT WINDSHIELD

OBS: 0750 2XRTHA PERCHED ON UTILITY TOWER
0752 WTKI FLYING IN AREA
0754 NOMO FLYING " "
0757 AMCR " "
0803 NOMO PAIR FORAGING
0811 COHA/SSHA FLYOVER
0812 ECDO FLYOVER
0814 RTHA MOBBED BY AMCR
0850 SSHA FLYOVER
0851 MOCO PERCHED

0900: END — FOOT SURVEY START

FOOT SURVEY
0900 - 1000
scrub jay
house finch
mockingbird
anna's hummingbird

NO NESTS DETECTED

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Biological Monitoring Log

Marsh Landing Generating Station	Date: 06/26/2012
Monitor: Ode Bernstein	Time: 0700-1200
Weather: Sunny, 60s, moderate wind	

Photo Numbers:

Activity that requires monitor's presence:
Construction, surveying in greenbelt

Description of Construction Activities Observed:
Equipment staging, cooling tower/electrical transformer construction.

Compliance Observations and Issues:

ESA Fencing: OK

Wildlife Pitfalls/Traps/Pipes: OK

Nesting Birds: no active nests on site

Coordination with Construction Personnel: coordinated with D. Frandsen and Raja

Other Compliance Issues: none

Wildlife Species List for Day:
mockingbird
kingbird
cliff swallow
red-winged blackbird
great egret
crow
kestrel
red-tailed hawk
shrike
killdeer with 4 chicks
mourning dove

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Daily Monitoring Checklist **Date: 6/26/2012**
(Check if in compliance)

x ESA fencing or a physical barrier is separating sensitive resources from active work areas and is in good condition.

x All trenches left open overnight have an escape ramp or are completely covered

x No new bird nesting activity observed/known nests buffered appropriately

x Straw wattles and/or silt fence are in place and in good condition

x Any areas of disturbed soil with slopes off the site are stabalized to reduce erosion potential during and after construction

x Speed limit signs and messages are in place and accurate

x Equipment storage and parking is limited to the project site and/or designated staging areas

x Deliberate feeding of wildlife is not occurring

x Food-related trash is being disposed of in closed containers and removed weekly

x No firearms are present on site (except security personnel)

x No pets are present on site

The biologist performed a preliminary vegetation survey in the greenbelt. Will report results in a separate email/memorandum.

Notes:

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Biological Monitoring Log

Marsh Landing Generating Station	Date: 06/29/2012
Monitor: Ode Bernstein	Time: 0700-1200
Weather: Sunny, 60s, light wind	

Photo Numbers:

Activity that requires monitor's presence:
Greenbelt survey, construction

Description of Construction Activities Observed:
Construction in energy block

Compliance Observations and Issues:

ESA Fencing: OK

Wildlife Pitfalls/Traps/Pipes: OK

Nesting Birds: no active nests on site

Coordination with Construction Personnel: coordinated with D. Frandsen and Raja

Other Compliance Issues: none

Wildlife Species List for Day:
kestrel
mourning dove
scrub jay
jackrabbit
ground squirrel
bushtit
red-tailed hawk
crow
red-shouldered hawk
cliff swallow

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Daily Monitoring Checklist **Date: 6/29/2012**

(Check if in compliance)

x ESA fencing or a physical barrier is separating sensitive resources from active work areas and is in good condition.

x All trenches left open overnight have an escape ramp or are completely covered

x No new bird nesting activity observed/known nests buffered appropriately

x Straw wattles and/or silt fence are in place and in good condition

x Any areas of disturbed soil with slopes off the site are stabalized to reduce erosion potential during and after construction

x Speed limit signs and messages are in place and accurate

x Equipment storage and parking is limited to the project site and/or designated staging areas

x Deliberate feeding of wildlife is not occurring

x Food-related trash is being disposed of in closed containers and removed weekly

x No firearms are present on site (except security personnel)

x No pets are present on site

1) Collected GPS data (locations) on native trees near the proposed pipeline through the greenbelt. All native trees are marked with pink flagging.
2) Walked proposed wastewater route with Kiewit. The pipeline would tie-in to an existing line and necessitate removal of 6-7 exotic ornamental trees. Bird survey/rare plant survey required.
3) Inspected vegetation growing on sandy banks of energy block. No special-status plants detected.
4) Standing water in secondary containment surrounding baker tank is potential nuisance habitat for amphibians.
5) During veg inspection around energy block, I noticed that the primrose is growing through the ESA fence.

Notes:

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Attachment B

Complete Observed Wildlife Species List
Biological Resources Monitoring
June 2012
Marsh Landing Generating Station

Scientific Name	Common Name	Conservation Status[1]	Origin	Notes[2]
Accipiter striatus	sharp-shinned hawk	WL	native	observed in detention basin
Agelaius phoeniceus	red-winged blackbird	n/a	native	observed in detention basin
Aphelocoma californica	western scrub jay	n/a	native	throughout project area
Ardea alba	great egret	n/a	native	observed in marsh north of project site
Ardea herodias	great blue heron	n/a	native	observed in marsh north of project site
Buteo jamaicensis	red-tailed hawk	n/a	native	observed in detention basin
Calypte anna	Anna's hummingbird	n/a	native	observed in trees along northwest fenceline
Carduelis psaltria	lesser goldfinch	n/a	native	observed in trees along northwest fenceline
Carpodacus mexicanus	house finch	n/a	native	throughout project area
Cathartes aura	turkey vulture	n/a	native	observed soaring in area
Charadrius vociferus	killdeer	n/a	native	observed in detention basin
Columba livia	rock dove	n/a	non-native	observed throughout project area
Corvus brachyrhynchos	American crow	n/a	native	observed throughout project area
Corvus corax	common raven	n/a	native	throughout project area
Egretta thula	snowy egret	n/a	native	observed in marsh north of project site
Falco sparverius	American kestrel	n/a	native	observed in trees along northwest fenceline
Hirundo rustica	barn swallow	n/a	native	observed flying over project area
Lanius ludovicianus	loggerhead shrike	SSC	native	observed in detention basin
Larus occidentalis	western gull	n/a	native	observed in marsh north of project site
Lepus californicus	black tailed jackrabbit	n/a	native	observed in detention basin
Mimus polyglottos	northern mockingbird	n/a	native	observed in east greenbelt
Otospermophilus beecheyi	California ground squirrel	n/a	native	observed in detention basin
Petrochelidon pyrrhonota	cliff swallow	n/a	native	observed soaring in area and in nests along the GenOn building

Scientific Name	Common Name	Conservation Status[1]	Origin	Notes[2]
Phalacrocorax auritus	double-crested cormorant	n/a	native	observed in marsh north of project site
Procyon lotor	raccoon	n/a	native	presence inferred from tracksseen by construction personnel
Psaltriparus minimus	bushtit	n/a	native	observed in east greenbelt
Sayornis nigricans	black phoebe	n/a	native	observed in marsh north of project site
Sceloporus occidentalis	western fence lizard	n/a	native	throughout project area
Sterna caspia	Caspian tern	n/a	native	observed in marsh north of project area
Streptopelia decaocto	Eurasian collared dove	n/a	non-native	observed throughout project area
Tyrannus verticalis	western kingbird	n/a	native	throughout project area
Zenaida macroura	mourning dove	n/a	native	throughout project area

[1] **Conservation Status Definitions**: DFG (California Department of Fish and Game): WL (Watch List), FP (Fully Protected), SSC (Species of Special Concern), T (Threatened)

[2] **Note**: Wildlife activity was observed *outside* the project site unless otherwise noted

Subsection 2.05(BIO-4)

As of 6-30-12

Worker Environmental Awareness Program Matrix

Date	June-12	To-Date
6/30/2012	**91**	**827**

Trainer:	Raja Pannah
Date:	6/1/12
Training:	Redco
(For Office Use Only)	WEAP + Env. Indoc

Marsh Landing Generating Station

WORKER ENVIRONMENTAL AWARENESS PROGRAM
WORKER TRAINING ATTENDANCE RECORD

I have attended the Marsh Landing Generating Station Project Worker Environmental Awareness Program Worker Training and understand and agree to comply with all environmental requirements presented. I understand that I am accountable for my actions and that failure to comply with the requirements may be grounds for immediate removal from the project and/or legal action.

	Signature	Print Name	Company	Date
1.	Ray Trujillo	Ray TRUJILLO	KEWIT	6-1-12
2.	Mike Moyer	MIKE MOYER	KEIWIT	6-1-12
3.	Gene L Smith	GENE SMITH	KEIWIT	6-1-12
4.	Taylor Bustos	Taylor Bustos	Keiwit	6-1-12
5.	[illegible]	Chris King	Keiwit	6-1-12
6.	[illegible]	SHAWN REAM	KEIWIT	6-1-12
7.	Addis F Watson	Addis F. Watson	Keiwit	6-1-12
8.	SAMMY RAZO	Sammy RAZO	Keiwit	6-1-12
9.	[illegible]	Sean Maloney	Keiwit	6/1/12
10.	[illegible]	Chris Neff	Newton	6/1/12
11.	[illegible]	MARVIN HUGHES	NEWTRON	6/1/12
12.	[illegible]	ROB SCOTT	NEWTRON	6/1/12
13.	Dave A Madden	DAVE A MADDEN	KEIWIT	6-1-12
14.	Jose A. Quiroz	JOSE A. QUIROZ	MGM	6-1-12
15.	Esteban Vazquez	Esteban Vazquez	MGM	6-1-12
16.	[illegible]	Juan Tapia	MGM	6-1-12
17.	Rogelio Tovar	Rogelio Tovar	MGM	6-1-12
18.	[illegible]	DANIEL TRAVANCIC	Best	6-1-12
19.	[illegible]	JERIMIAH MEISENBACH	BEST	6-1-12
20.	Robbie Thigpen	Robbie Thigpen	BEST	6-1-12

(20)

Trainer:	Raja Ponnean
Date:	6/1/12
Training:	Vedco
(For Office Use Only)	WEAP + Env. Indoc.

Marsh Landing Generating Station

WORKER ENVIRONMENTAL AWARENESS PROGRAM
WORKER TRAINING ATTENDANCE RECORD

I have attended the Marsh Landing Generating Station Project **Worker Environmental Awareness Program Worker Training** and understand and agree to comply with all environmental requirements presented. I understand that I am accountable for my actions and that failure to comply with the requirements may be grounds for immediate removal from the project and/or legal action.

	Signature	Print Name	Company/Date	
1.	[illegible]	Ignacio Ceja	Kewit	6/1/12
2.	[illegible]	Lorylee S Duncan	Kewit	6/1/12
3.				
4.				
5.				
6.				
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Trainer:	Raja Pannick
Date:	6/8/12
Training:	WEAP + Env. Indoc
	(For Office Use Only)

Marsh Landing Generating Station

WORKER ENVIRONMENTAL AWARENESS PROGRAM
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4.	[illegible]	Sam Barnachia	KIEWIT	6-8-12
5.	[illegible]	Chris King	Kiewitt	6-8-12
6.	[illegible]	JONATHAN MUSGRAVE	KIEWITT	6-8-12
7.	[illegible]	ARMAN RODGERS	KIEWIT	6-8-12
8.	[illegible]	MATTHEW LINGO	KIEWIT	6-8-12
9.	[illegible]	CHON D. KIM	Kiewit	6-8-12
10.	[illegible]	Kenny Buntjer	Kiewit	6-8-12
11.	[illegible]	BRIAN COE	National Con.	6-8-12
12.	[illegible]	JASON McGEE	Kiewit	6/8/2012
13.	[illegible]	Ray Isle	NCC	6-8-12
14.	[illegible]	JAMES KRAFT	KIEWIT	6-8-12
15.	[illegible]	Rory Klemm	KIEWITT	6/8/12
16.	[illegible]	LOURENDO TORRES	Kiewitt	6-8-12
17.	[illegible]	ANDY ODAY	NCC	6/8/12
18.	[illegible]	CARLOS HERNANDEZ	Kiewit	6/8/12
19.	Tyler Clime	Tyler Clime	Kiewit	06/08/12
20.	[illegible]	ROBERT T. MELVILLE	KIEWIT	6-8-12

(20)

Trainer:	Ryan Donniak
Date:	6/8/12
Training:	Welco
(For Office Use Only)	WEAP + Rev. Indoc.

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4.	Mario Rivera	Santos M. Rivera	Kiewit	6-8-12
5.	Susan Earp	Susan Earp	Kiewit	6/8/12
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Trainer:	Raja Ponniah
Date:	6/14/12
Training:	Vedro

(For Office Use Only)

Marsh Landing Generating Station

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5.		STEVE LAWRENZ	KIEWIT	6/14/12
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Marsh Landing Generating Station

WORKER ENVIRONMENTAL AWARENESS PROGRAM
WORKER TRAINING ATTENDANCE RECORD

Trainer: Raja Ponniah
Date: 6/15/12
Training: Medio
(For Office Use Only)
WEAP + BMV. Indoc

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Trainer:	Raya, Ronniah
Date:	6/21/12
Training:	Veeco

(For Office Use Only)
WEAP + Env. Indu

Marsh Landing Generating Station

WORKER ENVIRONMENTAL AWARENESS PROGRAM
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6.		Carlos Gómez	TCI	6/21/12
7.		MONTE M. PARDO	NEWTRON	06.21.2012
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13.		BRADY BLAKELEY	TTR	6/21/12
14.		Keith Norris	Newtron	6/21/12
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17.		Jim ANGLIN	NEWTRON	6-21-12
18.		Gerardo Barraza	MGM	6-21/12
19.		Alfonso Torres	MGM	6-21-12
20.	Stephen Stout	Stephen Stout	Kiewit	6/21/12
	Fredy A. Barreto	Fredy A. Barreto	MGM	6/21/12

Marsh Landing Generating Station

WORKER ENVIRONMENTAL AWARENESS PROGRAM
WORKER TRAINING ATTENDANCE RECORD

Trainer: Raja Ponnath
Date: 6/29/12
Training: Video
(For Office Use Only)
WEAP + Env Indoc

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4.		Robert Lane		6-29-12
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6.		Jim Gillies	CEI	6/29/12
7.		Matthew Cargo	CEI	6/29/12
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Subsection 2.09(CIVIL-3)

As of 6-30-2012

Non Conformance Report	None

Subsection 2.05(BIO-4)

As of 6-30-12

Worker Environmental Awareness Program Matrix

Date	June-12	To-Date
6/30/2012	**91**	**827**

Trainer:	Raja Pomnah
Date:	6/1/12
Training:	Redco
(For Office Use Only)	WEAP + Env. Indoc

Marsh Landing Generating Station

WORKER ENVIRONMENTAL AWARENESS PROGRAM
WORKER TRAINING ATTENDANCE RECORD

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1.	Ray Trujillo	Ray TRUJILLO	KEWIT	6-1-12
2.	Mike Moyer	MIKE MOYER	KEIWIT	6-1-12
3.	Gene L Smith	GENE SMITH	KEIWIT	6-1-12
4.	Taylor Bustos	Taylor Bustos	Keiwit	6-1-12
5.	[illegible]	Chris King	Keiwit	6-1-12
6.	[illegible]	SHAWN REAM	KEIWIT	6-1-12
7.	Addis F Watson	Addis F. Watson	Keiwit	6-1-12
8.	SAMMY RAZO	Sammy RAZO	Keiwit	6-1-12
9.	[illegible]	Sean Maloney	Keiwit	6/1/12
10.	[illegible]	Chris Neff	Newton	6/1/12
11.	[illegible]	MARVIN HUGHES	NEWTRON	6/1/12
12.	[illegible]	ROB SCOTT	NEWTRON	6/1/12
13.	Dave A Madden	DAVE A MADDEN	KEIWIT	6-1-12
14.	Jose A. Quiroz	JOSE A. QUIROZ	MGM	6-1-12
15.	Esteban Vazquez	Esteban Vazquez	MGM	6-1-12
16.	[illegible]	Juan Tapia	MGM	6-1-12
17.	Rogelio Tovar	Rogelio Tovar	MGM	6-1-12
18.	[illegible]	DANIEL TRAVANCIC	Best	6-1-12
19.	[illegible]	JERIMIAH MEISENBACH	BEST	6-1-12
20.	Robbie Thigpen	Robbie Thigpen	BEST	6-1-12

(20)

Trainer:	Raja Duncan
Date:	6/1/12
Training:	Vedco
(For Office Use Only)	
WEAP + Env. Indoc.	

Marsh Landing Generating Station

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	Signature	Print Name	Company/Date	
1.	[illegible]	Ignacio Ceja	Kennet	6/1/12
2.	[illegible] Duncan	Lorylee S Duncan	Kennet	6/1/12
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Trainer:	Raja Pannirat
Date:	6/8/12
Training:	WEAP + Env. Indoc

(For Office Use Only)

Marsh Landing Generating Station

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7.		Arran Rodgers	Kiewit	6-8-12
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20.		Robert T. Melville	Kiewit	6-8-12

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Trainer:	Ryan Donniak
Date:	6/8/12
Training:	Welco
(For Office Use Only)	WEAP + Rev. Indoc.

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Trainer:	Raja Ponniah
Date:	6/14/12
Training:	Vedro

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Trainer:	Raya, Ronniah
Date:	6/21/12
Training:	Veeco
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Marsh Landing Generating Station

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Cultural Resources Report Subsection 2.12

Marsh Landing Generating Station (08-AFC-3C)

June 2012

July 9, 2012

Christine Stora
Compliance Project Manager
California Energy Commission
1516 Ninth Street, MS-2000
Sacramento, CA 95814-5512

RE: Marsh Landing Generating Station (08-AFC-3C) Monthly Monitoring Summary Report, Cultural Resources

Dear Ms. Stora:

In accordance with CUL-6 of the California Energy Commission's (CEC's) Conditions for Certification (COCs), this letter report summarizes the cultural resources monitoring activities which took place at the Marsh Landing Generating Station (MLGS) construction site in June 2012.

Project Description

The proposed MLGS site is located in unincorporated Contra Costa County, California, approximately one-tenth of a mile from the current City of Antioch limits and just west of State Route (SR) 160. Surrounding land uses include the existing Contra Costa Power Plant (CCPP) to the north, east and south, the Pacific Gas and Electric (PG&E) electrical switchyard to the south, the PG&E Gateway Generating Station to the east, a large vacant lot that was previously used for industrial (paper making) purposes to the west, and the San Joaquin River to the north.

The MLGS site will occupy approximately 27 acres on the western portion of the CCPP site formerly occupied by five #6 fuel oil tanks and an area to the east of the former tank farm. The proposed MLGS site, construction laydown areas, and project linear routes are mostly contained within the existing CCPP property and are highly disturbed or developed due to ongoing CCPP operations, recently completed demolition of five fuel oil tanks on the site, and construction of the Gateway Generating Station. The project includes a new wastewater pipeline to convey process and sanitary wastewater to the City of Antioch's sewer main on Wilbur Avenue. The majority of the MLGS site is composed of paved, graveled, or bare ground surfaces with very sparse ruderal and ornamental vegetation.

Cultural Resources Monitoring

In accordance with Condition of Certification CUL-6, to ensure that there are no impacts to undiscovered resources, the Cultural Resources Specialist (CRS) or Cultural Resources Monitors (CRMs) will monitor full-time all ground disturbing activities on the project site, at the laydown areas, along the linear facility routes, and at roads or other ancillary areas, for as long as the activities are ongoing.

Full- time archaeological monitoring requires at least one monitor per excavation area where earthmoving equipment is actively removing native soils. If an excavation area is too large for one monitor to effectively observe the soil removal, one or more additional monitors are retained to observe the area.

In the event that the CRS determines that the current level of monitoring is not appropriate in certain locations, the CEC's Compliance Project Manager (CPM) shall be notified by letter or e-mail detailing the justification for the change in the level of monitoring. This request will be reviewed and must be approved by the CPM prior to any change in monitoring level.

Cultural resources monitoring activities are the responsibility of the CRS. Any interference with monitoring activities, removal of a monitor from duties assigned by the CRS, or direction to a monitor to

relocate monitoring activities by anyone other than the CRS shall be considered non-compliance with the COCs.

Cultural Resources Activities

Cultural resources monitoring activities at the MLGS site for the month of June included monitoring excavation for utility trenches, drilling for power monopoles and minor road work. Monitoring took place intermittently from June 1 through June 30, 2012. CRMs were on site during all excavation activities.

In addition to monitoring ground disturbing activities, the CRMs periodically surveyed all recently disturbed surface soils throughout the project site. Activities and observations are summarized in Table 1 below, and Daily Monitoring Logs are attached to this letter report as Attachment A.

Outstanding Cultural Resources Issues

On January 13, 2011, the CRS met with CEC staff to discuss excavation and monitoring techniques as well as other outstanding cultural issues. On January 30, the CRS sent an email to CEC as a follow-up to the January 13, 2012 meeting. The report of the glass fragment discovered on October 24, 2011 was also resubmitted to CEC on January 30, 2012. CEC concurrence regarding these recommendations is pending.

Table 1. Summary of Cultural Resources Monitoring Activities, June 2012.

Date	Monitor(s)	Activities/Observations	Discoveries
6.04.2012	Joseph Belk	Monitored drilling for monopoles. Depth of drilling to approximately 30 feet below ground surface (bgs). Soils observed primarily disturbed.	None
6.05.2012	Joseph Belk	Monitored drilling for monopoles and excavation for grounding and fire water trenches. Depth of drilling to approximately 30 feet bgs. Native and disturbed soils observed.	None
6.06.2012	Joseph Belk	Monitored drilling for monopoles and excavation for grounding and fire water trenches. Depth of drilling to approximately 30 feet bgs. Native and disturbed soils observed.	None
6.07.2012	Joseph Belk	Monitored excavation for fire water trench and oil/water separator. Depth of excavation to approximately 10 feet bgs. Native and disturbed soils observed.	None
6.08.2012	Joseph Belk	Monitored drilling for monopoles and excavation for grounding and fire water trenches. Depth of drilling to approximately 30 feet bgs. Native and disturbed soils observed.	None

Date	Monitor(s)	Activities/Observations	Discoveries
6.12.2012	Joseph Belk	Spot check only. No excavation into native/previously undisturbed soils observed.	None
6.13.2012	Joseph Belk	Monitored excavation in switchyard for new warehouse and excavation of grounding trench. Maximum depth of excavation approximately 10 feet bgs. Native and disturbed soils observed.	None
6.15.2012	Joseph Belk	Monitored excavation for fire water ring to an approximate depth of 10 feet bgs. Native and disturbed soils observed.	None
6.20.2012	Joseph Belk	Spot check only. No excavation into native/previously undisturbed soils observed.	None
6.21.2012	Joseph Belk	Monitored minor excavation in the NE corner of the project site to an approximate depth of approximately 10 feet bgs. Native and disturbed soils observed.	None
6.29.2012	Joseph Belk	Spot check only. No excavation into native/previously undisturbed soils observed.	None

Conditions/LORS Compliance

No instances of non-compliance with the Conditions of Certification or applicable LORS were recorded.

Summary and Conclusions

Cultural resources monitoring took place on 8 days between June 1 and June 30, 2012, as described in Table 1 above. One CRM was onsite during excavation activities. All ground disturbing activities throughout the MLGS project area were monitored. Monitoring is ongoing but has become intermittent, as ground disturbing activities are nearing completion for the project. Spot checks are occurring every two to three days when no ground disturbance is anticipated for several days. Spot checks occurred on June 12, 20 and 28, 2012. No excavation into previously undisturbed soils was observed during the spot checks.

The CRS and CRMs are in daily contact with GenOn and Kiewit regarding construction activities. All ground disturbing activities will continue to be monitored for the duration of the project. If no ground disturbing activities are scheduled to occur for more than two days in a row, CRMs will continue to perform biweekly spot checks to ensure that no ground disturbing activities that require monitoring are occurring.

Sincerely,

Maureen Kick
Cultural Resources Specialist, Marsh Landing Generating Station

Attachments: Monitoring Logs

cc: David Frandsen, GenOn
Nick Hontuchan, GenOn
Anne Connell, URS

Attachment A

Daily Cultural Resources Monitoring Logs
June 2012
Marsh Landing Generating Station

Appendix C: This page can be duplicated and copies completed daily by each CRM.

Cultural Resources Monitoring Log, Marsh Landing Generating Station

Date: 6-4-12 MON Monitor Name: Joseph Belk on site (7-3)

Weather Conditions: AM Cool & Cloudy, chance of RAIN slight breeze-W PM Cool wind
Hours on Site Not Worked and Reason: Ø
Work Location (Project Component): Mono Polls; #1
Work Type (Machine): Drill Rig
Depth of Excavation: PP-1 ~ 30' bms
Observed Native Soils (Stratigraphy): PP-1 mostly backfill - Poss Native Sands @ ~ 28' bms
Disturbed/Redeposited Soils: PP-1
Features: Ø

Artifacts (Isolated? Diagnostic? Greater than 50 years? Exceptional? Include description, provenience, stratigraphic context.): Ø

Assessment of Significance of Any Finds? (As recommended by the CRS): Ø

Actions Taken (Halt/Resume Construction; Identification; Notifications; Recommendations; Photography; Collecting; Sampling): Ø

NOTES: Fire Loop Tie-in - Postponed -
Monopole #1 nearly finished - Complete it AM Tues 6-5 & Start Monopole foundation 6R
- No Cultural Material Observed -

David F. ✓
Maureen K. ✓

JHA: Annette ✓

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Appendix C: This page can be duplicated and copies completed daily by each CRM.

Cultural Resources Monitoring Log, Marsh Landing Generating Station

Date: 6-5-12 Tues Monitor Name: Joseph Belk (on site 7-3:30)

Weather Conditions: AM Clear & cool wind from W PM Same but warmer
Hours on Site Not Worked and Reason: Ø
Work Location (Project Component): Drilling 1R & 6R, 6L; Grounding Trench - Switch Yard to Warehouse
Work Type (Machine): Drill Rig, Excavator
Depth of Excavation: Monopoles ~30' bms; Grounding Trench ~4' bms; Fire Water ~3' bms
Observed Native Soils (Stratigraphy): below ~EL 9- in all excavations
Disturbed/Redeposited Soils: Above ~EL 9- in all excavations
Features: Ø

Artifacts (Isolated? Diagnostic? Greater than 50 years? Exceptional? Include description, provenience, stratigraphic context.): Ø

Assessment of Significance of Any Finds? (As recommended by the CRS): Ø

Actions Taken (Halt/Resume Construction; Identification; Notifications; Recommendations; Photography; Collecting; Sampling): Ø

Am - @ ~ 28'-30' bms (Below Modern Surface) Shell frags in dark course sand - Paleo Monitor Annette has sample & will process 2 buckets of sampled spoils looking for more. No Reason to stop work because they finished drilling this hole. This shell is considered to have been imported in the slurry used to stabalize this hole since it was drilled about a month ago. Thus it cannot be absolutely associated with the Natural or Cultural deposits on this site.

- No Cultural Evidence Observed -

David F. ✓ JHA = Joe ✓
Maureen K. ✓

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Appendix C: This page can be duplicated and copies completed daily by each CRM.

Cultural Resources Monitoring Log, Marsh Landing Generating Station

Date: 6-6-12 Wed Monitor Name: Joseph Belk (ON Site 7-3 3R)

Weather Conditions: AM Warm & Clear w/ slight wind from W PM Same but warmer
Hours on Site Not Worked and Reason: Ø
Work Location (Project Component): Mono Pole 6R from ~10' to 30' bms; Fire Ring Tie in; Mono Pole grow from Yard
Work Type (Machine): Drill Rig, Excavator
Depth of Excavation: Mono Pole ~30'; Fire Ring Tie in ~EL 4 80; Mono Pole Grounding ~EL 11 xx
Observed Native Soils (Stratigraphy): Yes; Mono Pole & Fire Ring, Below ~EL 9 80
Disturbed/Redeposited Soils: Yes; Mono Pole & Fire Ring, Above ~EL 9 80
Features: Ø

Artifacts (Isolated? Diagnostic? Greater than 50 years? Exceptional? Include description, provenience, stratigraphic context.): Ø

Assessment of Significance of Any Finds? (As recommended by the CRS): Ø

Actions Taken (Halt/Resume Construction; Identification; Notifications; Recommendations; Photography; Collecting; Sampling): Ø

Notes: Mono Pole #6R Drilled to ~30' bms on ~EL 18'. Fire Ring Excavation Cont.

– No Cultural Evidance observed –

David F. ✓
Maureen K. ✓

JHA = Annette ✓

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Appendix C: This page can be duplicated and copies completed daily by each CRM.

Cultural Resources Monitoring Log, Marsh Landing Generating Station

Date: 6-7-12 Thur Monitor Name: Joseph Belk (on site 7-2:30)

Weather Conditions: AM warm & clear w/ cool breeze from W, PM same but warmer
Hours on Site Not Worked and Reason: Ø
Work Location (Project Component): Fire Ring Tie in 2nd bell hole (North); North of oil/water seperator
Work Type (Machine): Excavator
Depth of Excavation: Fire Water ~ EL 6 : North of O/W seperator ~ 9
Observed Native Soils (Stratigraphy): Yes - Fire Ring below ~ EL 10.60;
Disturbed/Redeposited Soils: Yes - Fire Ring Above ~ EL 10.60 & Old Trench back fill;
Features: Ø

Artifacts (Isolated? Diagnostic? Greater than 50 years? Exceptional? Include description, provenience, stratigraphic context.): Ø

Assessment of Significance of Any Finds? (As recommended by the CRS): Ø

Actions Taken (Halt/Resume Construction; Identification; Notifications; Recommendations; Photography; Collecting; Sampling): Ø

Notes: No Cultural Evidence observed

David F. ✓
Maureen K. ✓

JHA = Joe ✓

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Appendix C: This page can be duplicated and copies completed daily by each CRM.

Cultural Resources Monitoring Log, Marsh Landing Generating Station

Date: 6-8-12 Fri Monitor Name: Joseph Belk (7-3) on site

Weather Conditions: AM Cool to Warm & Clear - Wind from West PM Warm to Hot w/ cool wind from the West
Hours on Site Not Worked and Reason: Ø
Work Location (Project Component): Fire Ring Tie-in - North Edge of Site, Monopole 7L So. of Unit One
Work Type (Machine): Excavator; Drill Rig
Depth of Excavation: Fire Ring Tie-in ~EL 5'0" : Monopole ~EL -18'0"
Observed Native Soils (Stratigraphy): YES: Fire Ring below ~EL 9'6" : Monopoll 7L below ~EL 2'0"
Disturbed/Redeposited Soils: YES: Fire Ring Above ~EL 9'6" : Monopoll 7L Above ~EL 2'0"
Features: Ø

Artifacts (Isolated? Diagnostic? Greater than 50 years? Exceptional? Include description, provenience, stratigraphic context.): Ø

Assessment of Significance of Any Finds? (As recommended by the CRS): Ø

Actions Taken (Halt/Resume Construction; Identification; Notifications; Recommendations; Photography; Collecting; Sampling): Ø

Notes: - No Cultural Evidance Observed -

David F. ✓
Maureen K. ✓

JHA - Joe ✓

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Cultural Resources Monitoring Log, Marsh Landing Generating Station

Date: 6-12-12 Tues Monitor Name: Joseph Belk (7-9) on site

Weather Conditions: AM Cool to warm & clear, slight wind from W.
Hours on Site Not Worked and Reason: Ø
Work Location (Project Component): Spot Check
Work Type (Machine): Excavator
Depth of Excavation: Above El 8 in the South & Above El 10 in South Portion of Site
Observed Native Soils (Stratigraphy): – NONE –
Disturbed/Redeposited Soils: ONLY Redeposits Observed.
Features:
Ø

Artifacts (Isolated? Diagnostic? Greater than 50 years? Exceptional? Include description, provenience, stratigraphic context.):
Ø

Assessment of Significance of Any Finds? (As recommended by the CRS):
Ø

Actions Taken (Halt/Resume Construction; Identification; Notifications; Recommendations; Photography; Collecting; Sampling):
Ø

Notes: Several Shallow Trenches, East of the Water Tanks for grounding & South of Unit ONE to Access Previously installed Pipes. Also Excavation South of Unit 4 is shallow ~ El 9xx

> No Cultural Material Observed <

David F. ✓
Maureen K. ✓

JHA = Joe ✓

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Cultural Resources Monitoring Log, Marsh Landing Generating Station

Date: 6-13-12 WED Monitor Name: Joseph Belk (on site) (7-3)

Weather Conditions: AM Cool to Warm Clear w/ breeze from WNW PM Same but warmer
Hours on Site Not Worked and Reason: Ø
Work Location (Project Component): Switchyard - New Warehouse (SYNWH) + Grounding Trenches W of Unit
Work Type (Machine): Excavator
Depth of Excavation: ~EL 6.50
Observed Native Soils (Stratigraphy): YES: SYNWH below ~EL 10
Disturbed/Redeposited Soils: YES: SYNWH above ~EL 10 & Grounding Trenches W of Unit 1
Features: Ø

Artifacts (Isolated? Diagnostic? Greater than 50 years? Exceptional? Include description, provenience, stratigraphic context.): Ø

Assessment of Significance of Any Finds? (As recommended by the CRS): Ø

Actions Taken (Halt/Resume Construction; Identification; Notifications; Recommendations; Photography; Collecting; Sampling): Ø

Notes: - No Cultural Evidence Observed

David F. ✓
Maureen K. ✓

JHA = Annette ✓

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Cultural Resources Monitoring Log, Marsh Landing Generating Station

Date: 6-15-12 Fri Monitor Name: Joseph Belk (8-12) on site

Weather Conditions: AM Warm & Clear Breeze from W
Hours on Site Not Worked and Reason: Ø
Work Location (Project Component): Fire Ring South of Units 1 & 2
Work Type (Machine): Excavator
Depth of Excavation: ~EL 9.5
Observed Native Soils (Stratigraphy): MAYBE: below EL 10-
Disturbed/Redeposited Soils: YES: Above EL 10-
Features:
Ø

Artifacts (Isolated? Diagnostic? Greater than 50 years? Exceptional? Include description, provenience, stratigraphic context.):
Ø

Assessment of Significance of Any Finds? (As recommended by the CRS): Ø

Actions Taken (Halt/Resume Construction; Identification; Notifications; Recommendations; Photography; Collecting; Sampling): Ø

Notes: - No Cultural Evidance Observed -

David F. ✓
Maureen L. ✓

JHA - Richard ✓

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Cultural Resources Monitoring Log, Marsh Landing Generating Station

Date: 6-20-12 WED Monitor Name: Joseph Belk (7-905) on site

Weather Conditions: AM Cool to Warm, Clear, Breeze from NW
Hours on Site Not Worked and Reason: Ø
Work Location (Project Component): Spot Check
Work Type (Machine): –
Depth of Excavation: –
Observed Native Soils (Stratigraphy): –
Disturbed/Redeposited Soils: –
Features: Ø

Artifacts (Isolated? Diagnostic? Greater than 50 years? Exceptional? Include description, provenience, stratigraphic context.): Ø

Assessment of Significance of Any Finds? (As recommended by the CRS): Ø

Actions Taken (Halt/Resume Construction; Identification; Notifications; Recommendations; Photography; Collecting; Sampling): Ø

otes: No Excavations into Native Sand in AM
– No Cultural Evidence observed –

David F. ✓
Maureen K ✓

JHA - Joe ✓

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Appendix C: This page can be duplicated and copies completed daily by each CRM.

Cultural Resources Monitoring Log, Marsh Landing Generating Station

Date: 6-21-12 Thur Monitor Name: Joseph Belk (on site 7-9:30)

Weather Conditions: AM Clear & Cool, Breeze Gusty from NW
Hours on Site Not Worked and Reason: Ø
Work Location (Project Component): NE Corner of Project
Work Type (Machine): Small Drill on Sm Excavator
Depth of Excavation: EL 6.0 Bottom
Observed Native Soils (Stratigraphy): Yes - Below EL 8
Disturbed/Redeposited Soils: Yes - Above EL 8
Features:
Ø

Artifacts (Isolated? Diagnostic? Greater than 50 years? Exceptional? Include description, provenience, stratigraphic context.):
Ø

Assessment of Significance of Any Finds? (As recommended by the CRS):
Ø

Actions Taken (Halt/Resume Construction; Identification; Notifications; Recommendations; Photography; Collecting; Sampling):
Ø

Notes: 4 holes ~ 10' deep to EL 6.0. Native Sands @ bottom ~ EL 8 & below. Dark to medium Brown, moderatly Consolidated Silt Sand.
- No Cultural Evidance observed

David F. ✓
Maureen K. ✓

JHA = Joe ✓

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Appendix C: This page can be duplicated and copies completed daily by each CRM.

Cultural Resources Monitoring Log, Marsh Landing Generating Station

Date: 6-29-12 Fri Monitor Name: Joseph Belk (7-9) - Spot Check -

Weather Conditions: AM Sunny & clear with gusty wind from NW
Hours on Site Not Worked and Reason: Ø
Work Location (Project Component): –
Work Type (Machine): –
Depth of Excavation: – No Excavation into Native Sand
Observed Native Soils (Stratigraphy): No –
Disturbed/Redeposited Soils: YES –
Features:
Ø

Artifacts (Isolated? Diagnostic? Greater than 50 years? Exceptional? Include description, provenience, stratigraphic context.): Ø

Assessment of Significance of Any Finds? (As recommended by the CRS): Ø

Actions Taken (Halt/Resume Construction; Identification; Notifications; Recommendations; Photography; Collecting; Sampling): Ø

Notes: Trenching for Fuel line may have begun East of Units 6 & 7. This may be GENON Property. This Fuel line Extention is handled Exclusively by PG&E and apparently does Not involve GENON.
Two Shallow Excavations are proceeding this morning 1: South of New Unit 2 in the previ disturbed Switchyard. 2: Shallow ~3' deep from ~EL 14ft East of Water tanks and in recently redeposited sands.

- No Cultural Evidance observed -

David F. ✓ JHA = Joe ✓
Maureen K. ✓

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CONTRA COSTA COUNTY
Department of Conservation & Development
Building Inspection Division
651 Pine Street, N. Wing – 3rd Floor
Martinez, CA 94553 1229

MARSH LANDING PROJECT TRANSMITTAL

DATE : June 21, 2012
FROM : Jacqueline Ritchie
RE : Contra Costa County Building Inspection has reviewed the attached listed items for Mirant/Genon Marsh Landing Project - Building Permit #: BIIN11-001018

Total packages included in this Transmittal: 6

Sent for your ☐ **Information** ☒ **Review** ☐ **As Requested**

The following packages have been returned with comments and/or have been approved. Please, see the attached detailed list of documents included with each package.

ELEC-1-16.0 (CBO-0781)
Approved

ELEC-1-12.2 (CBO-0794)
Approved

MECH-1-46.0 (CBO-0785)
Approved

MECH-1-44.0 (CBO-0784)
Approved

MECH-1-18.0 (CBO-0786)
Approved

Deborah Sandercock, S.E.
Supervising Structural Engineer

Marie Taylor
Supervising Building Inspector

Gary Faria
Senior Grading Inspector

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Marsh Landing - CBO Transmittal Report

Title ELEC-1-12.2 **CBO-0794** **File No** 015F

Document Type	Dwg No _Rev	Rev Date	Description	CCC Eng	Apv Date	Upload / Rtn Date	Comments
Drawing	2009-019-EO-020.		Electrical One-Line Diagram Plan 125VDC System	MT	6/21/2012	6/21/2012	Approved
Drawing	2009-019-EO-021.		Electrical One-Line Diagram Plant UPS System	MT	6/21/2012	6/21/2012	Approved

Title ELEC-1-16.0 **CBO-0781** **File No** 015F

Document Type	Dwg No Rev	Rev Date	Description	CCC Eng	Apv Date	Upload / Rtn Date	Comments
Drawing	2009-019-EL-010 rev1	06/05/12	Electrical Lighting Layout Raw Water Storage Area	MT	6/21/2012	6/21/2012	Approved
Drawing	2009-019-EL-020 rev1	06/05/12	Electrical Lighting Layout Water Treatment Area	MT	6/21/2012	6/21/2012	Approved
Drawing	2009-019-EL-030 rev1	06/05/12	Electrical Lighting Layout Fuel Gas Compressors	MT	6/21/2012	6/21/2012	Approved
Drawing	2009-019-EL-130 rev1	06/05/12	Electrical Lighting Layout Gas Compressor Building, Stack 2 and 3	MT	6/21/2012	6/21/2012	Approved

Title MECH-1-18.0 **CBO-0786** **File No** 015F

Document Type	Dwg No Rev	Rev Date	Description	CCC Eng	Apv Date	Upload / Rtn Date	Comments
Drawing	2009-019-0INA6035-1 rev2	06/07/12	Large Bore Fabrication Isometric INA - Instrument Air	MT	6/21/2012	6/21/2012	Approved
Drawing	2009-019-0INA6036-1 rev3	06/07/12	Large Bore Fabrication Isometric INA - Instrument Air	MT	6/21/2012	6/21/2012	Approved
Drawing	2009-019-0INA6041-1 rev2	06/07/12	Large Bore Fabrication Isometric INA - Instrument Air	MT	6/21/2012	6/21/2012	Approved

Title	MECH-1-44.0	CBO-0784	File No 015F

Document Type	Dwg No _Rev	Rev Date	Description	CCC Eng	Apv Date	Upload / Rtn Date	Comments
Drawing	2009-019-0SWS6002-1 rev0		Large Bore Fabrication Isometric SWS - Service Water	MT	6/21/2012	6/21/2012	Approved
Drawing	2009-019-0SWS6015-1 rev1	06/07/12	Large Bore Fabrication Isometric SWS - Service Water	MT	6/21/2012	6/21/2012	Approved
Drawing	2009-019-0SWS6016-1 rev1	06/07/12	Large Bore Fabrication Isometric SWS - Service Water	MT	6/21/2012	6/21/2012	Approved
Drawing	2009-019-0SWS6018-1 rev1	06/07/12	Large Bore Fabrication Isometric SWS - Service Water	MT	6/21/2012	6/21/2012	Approved
Drawing	2009-019-0SWS6019-1 rev1	06/07/12	Large Bore Fabrication Isometric SWS - Service Water	MT	6/21/2012	6/21/2012	Approved
Drawing	2009-019-1SWS1001-1 rev1	06/07/12	Large Bore Fabrication Isometric SWS - Service Water	MT	6/21/2012	6/21/2012	Approved
Drawing	2009-019-2SWS2001-1 rev1	06/07/12	Large Bore Fabrication Isometric SWS - Service Water	MT	6/21/2012	6/21/2012	Approved
Drawing	2009-019-3SWS3001-1 rev1	06/07/12	Large Bore Fabrication Isometric SWS - Service Water	MT	6/21/2012	6/21/2012	Approved
Drawing	2009-019-4SWS4001-1 rev1	06/07/12	Large Bore Fabrication Isometric SWS - Service Water	MT	6/21/2012	6/21/2012	Approved

Title	MECH-1-46.0	CBO-0785	File No 015F

Document Type	Dwg No Rev	Rev Date	Description	CCC Eng	Apv Date	Upload / Rtn Date	Comments
Drawing	2009-019-0SDR6001-1 rev1	06/07/12	Large Bore Fabrication Isometrics SDR - Sanitary Drains	MT	6/21/2012	6/21/2012	Approved
Drawing	2009-019-0SDR6001-2 rev1	06/07/12	Large Bore Fabrication Isometrics SDR - Sanitary Drains	MT	6/21/2012	6/21/2012	Approved
Drawing	2009-019-0SDR6005-1 rev1	06/07/12	Large Bore Fabrication Isometrics SDR - Sanitary Drains	MT	6/21/2012	6/21/2012	Approved

Drawing	2009-019-0SDR6006-1 rev1	06/07/12	Large Bore Fabrication Isometrics SDR - Sanitary Drains	MT	6/21/2012	6/21/2012	Approved

CONTRA COSTA COUNTY
Department of Conservation & Development
Building Inspection Division
651 Pine Street, N. Wing – 3rd Floor
Martinez, CA 94553 1229

MARSH LANDING PROJECT TRANSMITTAL

DATE : June 26, 2012
FROM : Jacqueline Ritchie
RE : Contra Costa County Building Inspection has reviewed the attached listed items for Mirant/Genon Marsh Landing Project - Building Permit #: BIIN11-001018

Total packages included in this Transmittal: 3

Sent for your ☐ **Information** ☒ **Review** ☐ **As Requested**

The following packages have been returned with comments and/or have been approved. Please, see the attached detailed list of documents included with each package.

STRUC-1-75.0 (CBO-0800)
Approved

STRUC-1-64.0 (CBO-0791)
Approved

ELEC-1-12.2 (CBO-0783)
Approved

Deborah Sandercock, S.E.
Supervising Structural Engineer

Marie Taylor
Supervising Building Inspector

Gary Faria
Senior Grading Inspector

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Marsh Landing - CBO Transmittal Report

Title ELEC-1-12.2 **CBO-0783** **File No** 015F

Document Type	Dwg No _Rev	Rev Date	Description	CCC Eng	Apv Date	Upload / Rtn Date	Comments
Drawing	2009-019-EO-010A rev2	05/16/12	Electrical One Line Diagram MV Switchgear/MCC 0-5KV-SWG-02	MT	6/26/2012	6/26/2012	Approved
Drawing	2009-019-EO-011C rev2	05/16/12	Electrical One Line Diagram MV Switchgear/MCC 0-5KV-SWG-01	MT	6/26/2012	6/26/2012	Approved

Title STRUC-1-64.0 **CBO-0791** **File No** 015F

Document Type	Dwg No Rev	Rev Date	Description	CCC Eng	Apv Date	Upload / Rtn Date	Comments
Drawing	2009-019-ST-001 rev1	06/13/12	Unit #1, #2 & #4 CTG Step-Up Transformer Steel Plan, Sections and Details	RS	6/25/2012	6/26/2012	Approved
Drawing	2009-019-ST-002 rev1	06/13/12	CTG Step-Up Transformer Unit #3 and UAT Transformers Steel Plan, Sections and Details	RS	6/25/2012	6/26/2012	Approved
Calcs	941E-01 rev1		941E-01 REV 0	RS	6/25/2012	6/26/2012	Approved

Title STRUC-1-75.0 **CBO-0800** **File No** 015F

Document Type	Dwg No Rev	Rev Date	Description	CCC Eng	Apv Date	Upload / Rtn Date	Comments
Drawing	2009-019-SF-029 rev3	06/21/12	Miscellaneous Equipment Foundation Plans, Sections and Details	AC	6/26/2012	6/26/2012	Approved

Marsh Landing Power Project
KPE Master Drawing and Specification List
7/3/2012

Condition	Title	Deliverable Type	Deliverable No	Target Release Date IFR	Forecast Release Date IFR	ACTUAL SUBMITTAL DATE	CBO COMMENTS	RESUBMITTAL DATE	CBO APPROVED	Target Release Date IFC	Forecast Release IFC	ACTUAL SUBMITTAL DATE	CBO COMMENTS	RESUBMITTAL DATE	CBO APPROVED	VENDOR DOC SENT TO CBO	Discipline	Originals Needed Y / N	Originals Received Y / N	Status
GEN-2-1.0	Marsh Landing SCHEDULE																SC			Submitted
	MASTER DRAWING LIST (REV 3)			11/18/10		01/04/11		03/04/11									SC			Submitted
	MASTER SPECIFICATION LIST			11/18/10		01/04/11											SC			Submitted
GEN-4-1.0																	SC			Approved
	CALIFORNIA RESIDENT ENGINEER - F. GENE AMRHEIN			12/13/10		01/26/11									02/16/11		SC			Approved
GEN-5																				
GEN-5-1.0	KPE RESPONSIBLE ENGINEERS																SC			Approved
	CE1RESUME - CIVIL ENGINEER RESUME - OMAR OLIVARES			11/23/10		01/17/11									02/15/11		SC			Approved
	EE1RESUME - ELECTRICAL ENGINEER RESUME - CHARLIE SCHWARTZE			11/23/10		01/17/11									02/15/11		SC			Approved
	ME1RESUME - MECHANICAL ENGINEER RESUME - JAKE ALBERS			11/23/10		01/17/11									02/15/11		SC			Approved
	SE1RESUME - STRUCTURAL ENGINEER RESUME - F. GENE AMRHEIN			11/23/10		01/17/11									02/15/11		SC			Approved
	GE1RESUME -GEOLOGIST RESUME - PHILIP MEYMAND			11/23/10		01/17/11									02/15/11		SC			Approved
	EG1RESUME - ENGINEERING GEOLOGIST - RAY RICE			11/24/10		01/17/11									02/15/11		SC			Approved
	SE2RESUME - STRUCTURAL ENGINEER RESUME - JOHN LIU					03/17/11									03/21/11		SC			Approved
	EE3RESUME - ELECTRICAL ENGINEER RESUME - THARU NADARAJAH					06/20/11									06/21/11		SC			Approved
	SE3RESUME - STRUCTURAL ENGINEER RESUME - CHAD ENDERS					06/21/11									06/28/11		SC			Approved
	DE1RESUME - DESING ENGINEER RESUME- JOE MAZZEO					10/31/11									11/10/11		SC			Approved
	SE4RESUME -STRUCTURAL ENGINEER - REID STRAIN					12/14/11			12/16/11								SC			Approved
GEN-6-1.0	3RD PARTY INSPECTIONS																SC			Approved
	QC SOUTHWEST RESUMES	Resumes		02/20/11	02/20/11	02/20/11									02/24/11		SC			Approved
	Anselmo DeHaro	Resume				04/08/11									04/12/11		SC			Approved
	RYAN DOYEL - RESUME	Resume				09/19/11									09/27/11		SC			Approved
	DENISE CORKILL - CERTS	Resume				09/19/11									09/27/11		SC			Approved
	DENISE CORKILL - RESUME	Resume				09/19/11									09/27/11		SC			Approved
	JAY LOCATELLI CERT	Resume				09/19/11									09/27/11		SC			Approved
	JAY L AWS CWI CERT	Resume				09/19/11									09/27/11		SC			Approved
	MICAH EK CERT	Resume				09/19/11									09/27/11		SC			Approved
	JEFF BROOKS	Resume				09/19/11									09/27/11		SC			Approved
	JASON BURRIS CERT	Resume				09/19/11									09/27/11		SC			Approved
	33.G.103-S1	Resume				09/19/11									09/27/11		SC			Approved
	LAURA JOHNSON CERT	Resume				09/19/11									09/27/11		SC			Approved
2.14 Condition	Title	Deliverable Type	Deliverable No	Target Release Date IFR		ACTUAL SUBMITTAL DATE	CBO COMMENTS	RESUBMITTAL DATE	CBO DUE DATE	Target Release Date IFC	Forecast Release IFC	ACTUAL SUBMITTAL DATE	CBO COMMENTS	RESUBMITTAL DATE	CBO APPROVED					
CIVIL-1																	KS			
CIVIL-1-1.0	Fencing	Specification	907	12/28/2010	2/4/2011	2/4/2011				1/15/2011				6/22/2012	4/10/2012		KS			Submitted
CIVIL-1-2.0	DESIGN CRITERIA	Misc.	CDC-001							1/5/2011	2/4/2011	2/4/2011	3/15/2011	3/23/2011	3/25/2011		KS			Approved
CIVIL-1-3.0	GRADING KEY PLAN	Drawing	CG-001	01/12/11	02/25/11	02/18/11	03/10/11			02/16/11	03/18/11	03/21/11		07/01/11	11/18/11		KS			Approved
	GRADING PLAN	Drawing	CG-019	01/12/11	02/25/11	02/18/11	03/10/11			02/16/11	03/18/11	03/21/11		12/16/11	01/10/12		KS			Approved
	GRADING PLAN	Drawing	CG-020	01/12/11	02/25/11	02/18/11	03/10/11			02/16/11	03/18/11	03/21/11		12/16/11	01/10/12		KS			Approved
	GRADING PLAN	Drawing	CG-021	01/12/11	02/25/11	02/18/11	03/10/11			02/16/11	03/18/11	03/21/11		12/16/11	01/10/12		KS			Approved
	GRADING PLAN	Drawing	CG-027	01/12/11	02/25/11	02/18/11	03/10/11			02/16/11	03/18/11	03/21/11		12/16/11	01/10/12		KS			Approved
	GRADING PLAN	Drawing	CG-028	01/12/11	02/25/11	02/18/11	03/10/11			02/16/11	03/18/11	03/21/11		12/16/11	01/10/12		KS			Approved
	GRADING PLAN	Drawing	CG-029	01/12/11	02/25/11	02/18/11	03/10/11			02/16/11	03/18/11	03/21/11		12/16/11	01/10/12		KS			Approved
	GRADING PLAN	Drawing	CG-030	01/12/11	02/25/11	02/18/11			03/10/11	02/16/11	03/18/11	03/21/11		12/16/11	01/10/12		KS			Approved
	GRADING PLAN	Drawing	CG-035	01/12/11	02/25/11	02/18/11	03/10/11			02/16/11	03/18/11	03/21/11		12/16/11	01/10/12		KS			Approved
	GRADING PLAN	Drawing	CG-036	01/12/11	02/25/11	02/18/11	03/10/11			02/16/11	03/18/11	03/21/11		12/16/11	01/10/12		KS			Approved
	GRADING PLAN	Drawing	CG-037	01/12/11	02/25/11	02/18/11	03/10/11			02/16/11	03/18/11	03/21/11		12/16/11	01/10/12		KS			Approved
	GRADING PLAN	Drawing	CG-043	01/12/11	02/25/11	02/18/11	03/10/11			02/16/11	03/18/11	03/21/11		12/16/11	01/10/12		KS			Approved
	GRADING PLAN	Drawing	CG-044	01/12/11	02/25/11	02/18/11	03/10/11			02/16/11	03/18/11	03/21/11		12/16/11	01/10/12		KS			Approved
	EROSION CONTROL KEY PLAN	Drawing	CM-008	01/28/11	01/18/11	02/18/11	03/10/11			03/04/11	03/18/11	03/23/11		05/20/11	11/18/11		KS			Approved
	EROSION CONTROL KEY PLAN	Drawing	CM-009									03/23/11		05/06/11	11/18/11		KS			Approved
	POND & DITCH SECTION	Drawing	CX-001									03/21/11		05/06/11	11/18/11		KS			Approved
	~~GRADING PLAN~~	~~Drawing~~	~~CG-022~~	~~1/12/2011~~	~~2/25/2011~~	~~2/18/2011~~			~~3/10/2011~~	~~2/16/2011~~	~~3/18/2011~~	~~3/21/2011~~		5/6/2011	VOID		KS			
CIVIL-1-3.1	URS GRADING REVIEW	Letter	URS LETTER			3/28/2011			3/30/2011						4/6/2011		KS			Approved
	URS MLGS EARTHWORK	LETTER	URS LETTER			5/31/2011	6/17/2011	6/24/2011	7/1/2011						11/18/2011		KS			Approved
CIVIL-1-4.0	MLGS SWPPP		SWPPP			3/2/2011	3/11/2011								Reference		KS			Approved
CIVIL-1-5.0	TEMPORARY FACILITIES PLAN	Drawing	CS-400	1/12/2011	1/12/2011	2/7/2011		3/9/2011		2/16/2011	3/24/2011	3/30/2011		8/10/2011	9/27/2011		KS			Approved
CIVIL-1-6.0	COVER SHEET	Drawing	CN-001	1/12/2011	3/10/2011	02/25/11			03/18/11	2/16/2011	3/25/2011	3/25/2011		4/13/2012	4/27/2012		KS			Approved
	NOTES, ABBREVIATIONS AND LEGENDS	Drawing	CN-002	1/12/2011	3/10/2011	02/25/11			03/18/11	2/16/2011	3/25/2011	3/25/2011		9/23/2011	11/18/2011		KS			Approved
CIVIL-1-7.0	Earthwork	Specification	901A				3/11/2011			2/9/2011	2/24/2011	2/21/2011		4/19/2011	7/1/2011		KS			Approved
	Roads	Specification	902				3/11/2011			2/9/2011	2/28/2011	2/21/2011			4/10/2012		KS			Approved
	Storm Drainage	Specification	905							2/8/2011	2/21/2011				3/11/2011		KS			Approved
	URS MML EARTHWORK SPEC REVIEW LETTER	LETTER										4/19/2011			7/1/2011		KS			Approved
CIVIL-1-7.1	JENSEN PRECAST 5000PSI FIC CONCRETE MIX DESIGN		LOCKFORD 5000PSI			05/19/11		08/12/11							9/8/2011		KS			Approved
	JENSEN PRECAST 5000PSI		JENSEN			05/19/11		08/12/11							9/8/2011		KS			Approved
	MANHOLE JOINT SEALANT		MANHOLE			05/19/11		08/12/11							9/8/2011		KS			Approved
	BOOT CONNECTORS		BOOT			05/19/11		08/12/11							9/8/2011		KS			Approved
	48" DIA SDMH #301		ALT BID 48 SDMH			05/19/11		08/12/11							9/8/2011		KS			Approved
	N-12 WT IB PIPE (PER ASTM F2648)		ADS N12			05/19/11		08/12/11							9/8/2011		KS			Approved
	D&L PART # A-1024		A-1024			05/19/11		08/12/11							9/8/2011		KS			Approved
	36X36X36 - REBAR DWG		36 X 36 X 36					08/12/11							9/8/2011		KS			Approved

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	48 MH 4 INCH REBAR		48 MH 4					08/12/11							9/8/2011		KS			Approved
	48" DIA SDMH #302		48 #302					08/12/11							9/8/2011		KS			Approved
	DRAIN INLET #303 - STRUCTURE DETAIL DWG		DRAIN INLET					08/12/11							9/8/2011		KS			Approved
	DRAINAGE SUBMITTAL DRWGS - MARSH LANDING		DRAINAGE					08/12/11							9/8/2011		KS			Approved
	NPC CORE AND SEAL BOOTS		NPC					08/12/11							9/8/2011		KS			Approved
	R-3561 F & G		R-3561					08/12/11							9/8/2011		KS			Approved
CIVIL-1-8.0	SITE KEY PLAN	Drawing	CS-001	1/26/2011	3/10/2011	2/25/2011				3/3/2011	3/25/2011	3/25/2011		4/13/2012	5/9/2012		KS			Approved
	SITE PLAN	Drawing	CS-019	1/26/2011	3/10/2011	2/25/2011				3/3/2011	3/25/2011	3/25/2011		2/16/2012	3/29/2012		KS			Approved
	SITE PLAN	Drawing	CS-020	1/26/2011	3/10/2011	2/25/2011				3/3/2011	3/25/2011	3/25/2011	5/9/2012	6/1/2012	3/29/2012		KS			Submitted
	SITE PLAN	Drawing	CS-021	1/26/2011	3/10/2011	2/25/2011				3/3/2011	3/25/2011	3/25/2011		2/16/2012	3/29/2012		KS			Approved
	SITE PLAN	Drawing	CS-027	1/26/2011	3/10/2011	2/25/2011				3/3/2011	3/25/2011	3/25/2011		2/16/2012	3/29/2012		KS			Approved
	SITE PLAN	Drawing	CS-028	1/26/2011	3/10/2011	2/25/2011				3/3/2011	3/25/2011	3/25/2011	5/9/2012	6/21/2012	3/29/2012		KS			Submitted
	SITE PLAN	Drawing	CS-029	1/26/2011	3/10/2011	2/25/2011				3/3/2011	3/25/2011	3/25/2011		2/16/2012	3/29/2012		KS			Approved
	SITE PLAN	Drawing	CS-030	1/26/2011	3/10/2011	2/25/2011				3/3/2011	3/25/2011	3/25/2011		4/13/2012	5/9/2012		KS			Approved
	SITE PLAN	Drawing	CS-035	1/26/2011	3/10/2011	2/25/2011				3/3/2011	3/25/2011	3/25/2011		2/16/2012	3/29/2012		KS			Approved
	SITE PLAN	Drawing	CS-036	1/26/2011	3/10/2011	2/25/2011				3/3/2011	3/25/2011	3/25/2011		2/16/2012	3/29/2012		KS			Approved
	SITE PLAN	Drawing	CS-037	1/26/2011	3/10/2011	2/25/2011				3/3/2011	3/25/2011	3/25/2011	5/9/2012	6/21/2012	3/29/2012		KS			Submitted
	SITE PLAN	Drawing	CS-038									4/12/2012	5/9/2012	6/21/2012			KS			Submitted
	SITE PLAN	Drawing	CS-044											2/16/2012	3/29/2012		KS			Approved
	SITE DETAILS	Drawing	CD-001	1/26/2011	3/10/2011	2/25/2011				3/3/2011	3/25/2011	3/25/2011		6/1/2012	3/29/2012		KS			Submitted
	SURFACING DETAILS	Drawing	CD-021	1/26/2011	3/10/2011	2/25/2011				3/3/2011	3/25/2011	3/25/2011		2/16/2012	3/29/2012		KS			Approved
	FENCING DETAILS	Drawing	CD-006	1/26/2011	3/10/2011					3/3/2011	4/7/2011	3/25/2011		6/21/2012	3/29/2012		KS			Submitted
CIVIL-1-8.1	TYPICAL BIORETENTION FACILITY DETAILS	Drawing	CD-024									5/6/2011		6/28/2011	11/18/2011		KS			Approved
~~**CIVIL-1-8.2**~~	~~BOLLARD KEY PLAN~~	~~Drawing~~	~~CM-001~~	~~1/26/2011~~	~~9/2/2011~~					~~3/4/2011~~	~~9/8/2011~~									
	~~BOLLARD PLAN~~	~~Drawing~~	~~CM-002~~		~~9/2/2011~~															
CIVIL-1-9.0	PRE-DEVELOPMENT DRAINAGE PLAN	Drawing	CM-006	1/28/2011	1/18/2011	02/18/11	3/15/2011			3/4/2011	3/18/2011	3/21/2011		9/23/2011	11/18/2011		KS			Approved
	POST DEVELOPMENT DRAINAGE PLAN	Drawing	CM-007	1/28/2011	1/18/2011	02/18/11	3/15/2011			3/4/2011	3/18/2011	3/21/2011		9/23/2011	11/18/2011		KS			Approved
CIVIL-1-10.0	STORM WATER DETAILS	Drawing	CD-016	1/26/2011	3/10/2011	2/18/2011	3/10/2011			3/3/2011	3/21/2011	3/21/2011		10/27/2011	11/18/2011		KS			Approved
	STORM WATER DETAILS	Drawing	CD-017				3/10/2011			3/3/2011	3/21/2011	3/21/2011		9/23/2011	11/18/2011		KS			Approved
CIVIL-1-10.1	STORM WATER DETAILS	Drawing	CD-018			09/23/11									11/18/2011		KS			Approved
	EXISTING CULVERT TIE-IN EVALUATION	CALC	910R-08			09/29/11									11/18/2011		KS			Approved
CIVIL-1-11.0	STORM WATER PLAN	Drawing	CM-013	1/28/2011	1/18/2011	02/18/11	3/15/2011			3/2/2011	3/18/2011	3/21/2011		12/16/2011	1/10/2012		KS			Approved
	~~STORM WATER PLAN~~	~~Drawing~~	~~CM-014~~	~~1/28/2011~~	~~1/18/2011~~					~~3/2/2011~~	~~3/23/2011~~						KS			
CIVIL-1-12.0	FENCING KEY PLAN	Drawing	CM-018	1/26/2011	03/10/11	2/25/2011			3/10/2011	3/3/2011	3/25/2011			5/7/2012	5/16/2012		KS			Approved
CIVIL-1-13.0	SURFACING PLAN	Drawing	CM-023	1/26/2011	03/10/11	2/25/2011	3/15/2011			3/3/2011	3/25/2011	3/25/2011		9/23/2011	12/7/2011		KS			Approved
	SURFACING PLAN	Drawing	CM-024									5/6/2011		7/1/2011	11/18/2011		KS			Approved
CIVIL-1-13.1	TYPICAL BIORETENTION FACILITY DETAILS	Drawing	CD-025									5/20/2011		6/28/2011	11/18/2011		KS			Approved
	BIORETENTION FACILITY SURFACING PLAN - FM APPROVAL NECESSARY	Drawing	CM-025									5/20/2011		6/28/2011	11/18/2011		KS			Approved
CIVIL-1-14.0	STORM WATER CONTROL PLAN	MISC	C-02			2/18/2011	3/15/2011				3/18/2011	3/23/2011		10/27/2011	11/18/2011		KS			Approved
CIVIL-1-15.0	DRAINAGE, EROSION AND SEDIMENT CONTROL PLAN	MISC	012D			2/18/2011	3/15/2011				3/18/2011	3/23/2011		5/27/2011	11/18/2011		KS			Approved
CIVIL-1-16.0	OPERATIONS AND MAINTENANCE PLAN	MISC										01/20/12			02/15/12		KS			Approved
CIVIL-4-1.0	FINAL GRADING PLANS																KS			Not Submitted
CIVIL-4-2.0	Final Stormwater Plan																KS			Not Submitted
CIVIL-4-3.0	Final Erosion and Sediment Control Plans																KS			Not Submitted
CIVIL-4-4.0	RESPONSIBLE ENGINEER STATEMENT																KS			Not Submitted
ELEC-1																	TN			
ELEC-1-1.0	ELECTRICAL GROUNDING LAYOUT - AMMONIA STORAGE AREA	DRWG	EG-110	6/25/2011	6/25/2011	7/11/2011			7/25/2011	8/13/2011	8/13/2011	8/16/2011		5/22/2012	5/30/2012		TN			Approved
ELEC-1-2.0	ISOPHASE BUS DUCT SPECIFICATIONS	Spec	842A							3/23/2011	3/23/2011	3/23/2011			4/20/2011		TN			Approved
ELEC-1-3.0	UNIT AUX TRANSFORMERS	Spec	800B						4/5/2011	6/1/2011	6/1/2011				REFERENCE		TN			Approved
ELEC-1-3.1	4160V & 480V SWGR & MCCs; ELECTRICAL ENCLOSURE SPECIFICATIONS	Spec	830			3/28/2011				6/1/2011	6/1/2011				REFERENCE		TN			Approved
ELEC-1-3.2	ELECTRICAL TESTING	SPEC	896			11/14/2011									11/16/2011		TN			Approved
ELEC-1-4.0	ELECTRICAL GROUNDING LAYOUT - INSTALLATION DETAILS	DRWG	EG-900	6/25/2011	6/25/2011	6/6/2011			6/15/2011	8/13/2011	8/13/2011	8/5/2011		6/29/2012	8/10/2011		TN			Submitted
	ELECTRICAL GROUNDING LAYOUT - INSTALLATION DETAILS	DRWG	EG-901	6/25/2011	6/25/2011	6/6/2011			6/15/2011	8/13/2011	8/13/2011	8/5/2011			8/10/2011		TN			Approved
	ELECTRICAL GROUNDING LAYOUT - INSTALLATION DETAILS	DRWG	EG-902	6/25/2011	6/25/2011					8/13/2011	8/13/2011	8/16/2011		11/4/2011	11/16/2011		TN			Approved
ELEC-1-4.1	ELECTRICAL GROUNDING LAYOUT - SCR CTG 1 AND 2 AREAS	DRWG	EG-220	6/25/2011	5/31/2011	07/11/11			7/25/2011	8/13/2011	8/13/2011	8/16/2011		3/6/2012	3/27/2012		TN			Approved
	ELECTRICAL GROUNDING LAYOUT - SCR CTG 2 AND 3 AREAS	DRWG	EG-230	6/25/2011	5/31/2011	07/11/11			7/25/2011	8/13/2011	8/13/2011	8/16/2011		3/6/2012	3/27/2012		TN			Approved
	ELECTRICAL GROUNDING LAYOUT- SCR AND CTG 4 AREA	DRWG	EG-240			07/11/11			7/25/2011			8/16/2011		3/6/2012	3/27/2012		TN			Approved
ELEC-1-4.2	ELECTRICAL SWITCHYARD EQUIPMENT GROUNDING DETAILS	DRWG	EG-903			11/29/11								2/20/2012	2/23/2012		TN			Approved
ELEC-1-4.3	ELECTRICAL GROUNDING LAYOUT - WAREHOUSE AREA	DRWG	EG-350									2/28/2012			3/2/2012		TN			Approved
ELEC-1-4.4	ELECTRICAL GROUNDING LAYOUT ROADWAY	DRWG	EG-003								6/29/2012						TN			Submitted

ELEC-1-5.0	ELECTRICAL COMMODITY SPECIFICATION	Spec	805	7/22/2011	4/13/2011	4/13/2011			5/5/2011					11/16/2011	11/29/2011		TN			Approved
ELEC-1-6.0	ELECTRICAL HAZARDOUS AREA CLASSIFICATION OVERALL PLAN	DRWG	EA-001	6/24/2011	6/24/2011	6/24/2011	7/12/2011			7/29/2011	7/29/2011	8/5/2011	8/26/2011	3/27/2012	4/4/2012		TN			Approved
ELEC-1-7.0	ELECTRICAL GROUNDING LAYOUT SITE KEY PLAN	DRWG	EG-001	6/25/2011	6/25/2011	6/6/2011	6/15/2011			8/13/2011	8/13/2011	8/5/2011		6/26/2012	4/24/2012		TN			Submitted
	ELECTRICAL GROUNDING SITE GROUNDING GRID LAYOUT	DRWG	EG-002	6/25/2011	6/25/2011	6/6/2011	6/15/2011			8/13/2011	8/13/2011	8/5/2011		2/28/2012	3/2/2012		TN			Approved
ELEC-1-8.0	~~GROUNDING ANALYSIS~~	Task	868	6/24/2011													TN			
ELEC-1-8.1	GROUNDING SYSTEM CALC	CALC	E-0004			5/24/2011			6/7/2011			1/19/2012			1/31/2012		TN			Approved
ELEC-1-9.0	ELECTRICAL EMBEDDED CONDUIT LAYOUT SITE KEY PLAN	DRWG	EC-001	6/25/2011	6/25/2011					8/13/2011	8/13/2011	7/15/2011		8/31/2011	9/8/2011		TN			Approved
	ELECTRICAL EMBEDDED CONDUIT LAYOUT TYPICAL CTG CONDUIT ELEVATION 14'-9"	DRWG	EC-960A	6/25/2011	6/25/2011					8/13/2011	8/13/2011	7/15/2011		12/16/2011	12/30/2011		TN			Approved
	ELECTRICAL EMBEDDED CONDUIT LAYOUT TYPICAL CTG CONDUIT ELEVATION 14'-2"		EC-960B									7/15/2011		2/29/2012	3/2/2012		TN			Approved
	ELECTRICAL EMBEDDED CONDUIT LAYOUT TYPICAL CTG CONDUIT ELEVATION 13'-7"		EC-960C									7/15/2011		2/29/2012	3/2/2012		TN			Approved
	ELECTRICAL EMBEDDED CONDUIT LAYOUT TYPICAL CTG CONDUIT ELEVATION 11'-0", 10'-4 1/2" AND 9'-9"		EC-960D									7/15/2011		2/29/2012	3/2/2012		TN			Approved
																	TN			
ELEC-1-9.1	ELECTRICAL EMBEDDED CONDUIT LAYOUT WATER TREATMENT AREA	DRWG	EC-020			8/31/2011						8/31/2011		3/19/2012	3/27/2012		TN			Approved
~~**ELEC-1-10.0**~~	~~BATTERY & UPS SPECIFICATIONS~~	~~Spec~~	~~853~~							9/7/2011	9/7/2011						TN			
ELEC-1-11.0	ELECTRICAL LEGEND	DRWG	EE-001	9/28/2011	9/28/2011					12/30/2011	12/30/2011	6/3/2011		4/9/2012	10/12/2011		TN			Submitted
ELEC-1-11.1	ELECTRICAL GROUNDING LAYOUT - ADMINISTRATION CONTROL BUILDING AREA	DRWG	EG-120	6/25/2011	6/25/2011	7/11/2011			7/25/2011	9/24/2011		8/16/2011		3/6/2012	3/27/2012		TN			Submitted
	ELECTRICAL GROUNDING LAYOUT - WATER TREATMENT AREA	DRWG	EG-020	6/25/2011	6/25/2011	7/11/2011			7/25/2011	9/24/2011		8/16/2011		3/6/2012	3/27/2012		TN			Approved
ELEC-1-11.2	ELECTRICAL LEGEND FOR ONE LINE DIAGRAMS	DRWG	EE-002	9/28/2011	9/28/2011					12/30/2011	12/30/2011	10/13/2011			10/18/2011		TN			Approved
ELEC-1-12.0	OVERALL ONE-LINE DIAGRAM	DRWG	EO-001	9/28/2011						12/30/2011	12/30/2011	10/13/2011		4/16/2012	4/24/2012		TN			Approved
ELEC-1-12.1	METERING AND RELAYING ONE-LINE DIAGRAM GAS TURBINE GENERATOR UNIT 01	DRWG	EO-002	9/28/2011	9/28/2011	5/13/2011			5/20/2011	12/30/2011	12/30/2011	10/13/2011		4/16/2012	4/25/2012		TN			Approved
	METERING AND RELAYING ONE-LINE DIAGRAM GAS TURBINE GENERATOR UNIT 02	DRWG	EO-003	9/28/2011	9/28/2011	5/13/2011			5/20/2011	12/30/2011	12/30/2011	10/13/2011		4/16/2012	4/25/2012		TN			Approved
	METERING AND RELAYING ONE-LINE DIAGRAM GAS TURBINE GENERATOR UNIT 03	DRWG	EO-004	9/28/2011	9/28/2011	5/13/2011			5/20/2011	12/30/2011	12/30/2011	10/13/2011		4/16/2012	4/25/2012		TN			Approved
	METERING AND RELAYING ONE-LINE DIAGRAM GAS TURBINE GENERATOR UNIT 04	DRWG	EO-005	9/28/2011	9/28/2011	5/13/2011			5/20/2011	12/30/2011	12/30/2011	10/13/2011		4/16/2012	4/25/2012		TN			Approved
	METERING AND RELAYING ONE-LINE DIAGRAM UNIT AUXILIARY TRANSFORMERS 01 AND 02	DRWG	EO-006	9/28/2011	9/28/2011	5/13/2011			5/20/2011	12/30/2011	12/30/2011	10/13/2011		4/16/2012	4/25/2012		TN			Approved
ELEC-1-12.2	ELECTRICAL ONE LINE DIAGRAM MV SWITCHGEAR/MCC 0-5KV-SWG-01	DRWG	EO-010A									4/16/2012		6/6/2012	6/26/2012		TN			Approved
	ELECTRICAL ONE LINE DIAGRAM MV SWITCHGEAR /MCC 0-5KV-SWG-01	DRWG	EO-010B									4/16/2012			4/25/2012		TN			Approved
	ELECTRICAL ONE LINE DIAGRAM MV SWITCHGEAR/MCC O-5KV-SWG-02	DRWG	EO-011A	9/28/2011						12/30/2011	12/30/2011	10/13/2011		4/16/2012	4/25/2012		TN			Approved
	ELECTRICAL ONE LINE DIAGRAM MV SWITCHGEAR/MCC O-5KV-SWG-02	DRWG	EO-011B	9/28/2011						12/30/2011	12/30/2011	10/13/2011		4/16/2012	4/25/2012		TN			Approved
	ELECTRICAL ONE LINE DIAGRAM MV SWITCHGEAR/MCC O-5KV-SWG-02	DRWG	EO-011C	9/28/2011						12/30/2011	12/30/2011	10/13/2011		6/6/2012	6/26/2012		TN			Approved
	ELECTRICAL ONE LINE DIAGRAM 480V SWITCHBOARD O-BOP-SWBD-11 & 0-BOP-SWBD-21	DRWG	EO-012	9/28/2011						12/30/2011	12/30/2011	10/13/2011		4/16/2012	4/25/2012		TN			Approved
	ELECTRICAL ONE LINE DIAGRAM 480V SWITCHBOARD O-BOP-SWBD-12 & 0-BOP-SWBD-22	DRWG	EO-013	9/28/2011						12/30/2011	12/30/2011	10/13/2011		4/16/2012	4/25/2012		TN			Approved
	ELECTRICAL ONE LINE DIAGRAM LV MOTOR CONTROL CENTER O-BOP-MCC-121	DRWG	EO-014A	9/28/2011						12/30/2011	12/30/2011	10/13/2011		4/16/2012	4/25/2012		TN			Approved
	ELECTRICAL ONE LINE DIAGRAM LV MOTOR CONTROL CENTER O-BOP-MCC-121	DRWG	EO-014B	9/28/2011						12/30/2011	12/30/2011	10/13/2011		4/16/2012	4/25/2012		TN			Approved
	ELECTRICAL ONE LINE DIAGRAM LV MOTOR CONTROL CENTER O-BOP-MCC-221	DRWG	EO-015A	9/28/2011						12/30/2011	12/30/2011	10/13/2011		4/16/2012	4/25/2012		TN			Approved
	ELECTRICAL ONE LINE DIAGRAM LV MOTOR CONTROL CENTER O-BOP-MCC-221	DRWG	EO-015B	9/28/2011						12/30/2011	12/30/2011	10/13/2011		4/16/2012	4/25/2012		TN			Approved
	ELECTRICAL ONE LINE DIAGRAM SWITCHBOARD 11/21 PANELBOARD SCHEDULE	DRWG	EO-016	9/28/2011						12/30/2011	12/30/2011	10/13/2011		4/16/2012	4/25/2012		TN			Approved
	ELECTRICAL ONE LINE DIAGRAM SWITCHBOARD 12/22 PANELBOARD SCHEDULE	DRWG	EO-017	9/28/2011						12/30/2011	12/30/2011	10/13/2011		4/16/2012	4/25/2012		TN			Approved
	ELECTRICAL ONE-LINE DIAGRAM 480V MCC-WT-001A	DRWG	EO-020	9/28/2011						12/30/2011	12/30/2011	12/29/2011	1/10/2012	6/19/2012	6/21/2012		TN			Approved
	ELECTRICAL ONE-LINE DIAGRAM 480V MCC-WT-001B	DRWG	EO-021	9/28/2011						12/30/2011	12/30/2011	12/29/2011	1/10/2012	6/19/2012	6/21/2012		TN			Approved
	ELECTRICAL ONE LINE DIAGRAM LV MOTOR CONTROL CENTER 1-CTG-MCC-13	DRWG	EO-022A	9/28/2011						12/30/2011	12/30/2011	1/17/2012		4/16/2012	4/25/2012		TN			Approved
	ELECTRICAL ONE LINE DIAGRAM LV MOTOR CONTROL CENTER 1-CTG-MCC-13	DRWG	EO-022B	9/28/2011						12/30/2011	12/30/2011	1/17/2012		4/16/2012	4/25/2012		TN			Approved
	ELECTRICAL ONE LINE DIAGRAM LV MOTOR CONTROL CENTER 2-CTG-MCC-14	DRWG	EO-023A	9/28/2011						12/30/2011	12/30/2011	1/17/2012		4/16/2012	4/25/2012		TN			Approved
	ELECTRICAL ONE LINE DIAGRAM LV MOTOR CONTROL CENTER 2-CTG-MCC-14	DRWG	EO-023B	9/28/2011						12/30/2011	12/30/2011	1/17/2012		4/16/2012	4/25/2012		TN			Approved
	ELECTRICAL ONE LINE DIAGRAM LV MOTOR CONTROL CENTER 3-CTG-MCC-23	DRWG	EO-024A	9/28/2011						12/30/2011	12/30/2011	1/17/2012		4/16/2012	4/25/2012		TN			Approved
	ELECTRICAL ONE LINE DIAGRAM LV MOTOR CONTROL CENTER 3-CTG-MCC-23	DRWG	EO-024B	9/28/2011						12/30/2011	12/30/2011	1/17/2012		4/16/2012	4/25/2012		TN			Approved
	ELECTRICAL ONE LINE DIAGRAM LV MOTOR CONTROL CENTER 4-CTG-MCC-24	DRWG	EO-025A	9/28/2011						12/30/2011	12/30/2011	1/17/2012		4/16/2012	4/25/2012		TN			Approved
	ELECTRICAL ONE LINE DIAGRAM LV MOTOR CONTROL CENTER 4-CTG-MCC-24	DRWG	EO-025B	9/28/2011						12/30/2011	12/30/2011	1/17/2012		4/16/2012	4/25/2012		TN			Approved
ELEC-1-13.0	ELECTRICAL GROUNDING LAYOUT - RAW WATER STORAGE AREA	DRWG	EG-010	6/25/2011	6/25/2011					11/15/2011	8/13/2011	8/16/2011		3/6/2012	3/27/2012		TN			Approved
	ELECTRICAL GROUNDING LAYOUT - FUEL GAS COMPRESSORS	DRWG	EG-030	6/25/2011	6/25/2011	7/11/2011				11/15/2011	8/13/2011	8/16/2011		3/6/2012	3/27/2012		TN			Approved
	ELECTRICAL GROUNDING LAYOUT - FUEL GAS STACK 2 AND 3 AREAS	DRWG	EG-130	6/25/2011	6/25/2011	7/11/2011				11/15/2011	8/13/2011	8/16/2011		3/6/2012	3/27/2012		TN			Approved
	ELECTRICAL GROUNDING LAYOUT- STACK 4 AND YARD AREA	DRWG	EG-140			7/11/2011						8/16/2011		3/6/2012	3/27/2012		TN			Approved
	~~CABLE SIZING CALCULATION~~	Task	880F	10/15/2011													TN			
ELEC-1-14.0	~~ELECTRICAL GROUNDING LAYOUT - GSU 101 AREA~~	~~DRWG~~	~~EG-310~~	~~6/25/2011~~	~~6/25/2011~~												TN			
	ELECTRICAL GROUNDING LAYOUT - GSU 1 AND 2 AND SWITCHYARD AREA	DRWG	EG-320	10/29/2011	6/25/2011	7/11/2011			7/25/2011	8/13/2011	8/13/2011	8/16/2011		3/6/2012	3/27/2012		TN			Approved
	ELECTRICAL GROUNDING LAYOUT - AUX TRANSFORMER GSU 3 AND SWITCHYARD AREA	DRWG	EG-330	10/29/2011	6/25/2011	7/11/2011			7/25/2011	8/13/2011	8/13/2011	8/16/2011		3/6/2012	3/27/2012		TN			Approved
	ELECTRICAL GROUNDING LAYOUT- GSU 4 AND SWITCHYARD AREA	DRWG	EG-340			7/11/2011			7/25/2011			8/16/2011		3/6/2012	3/27/2012		TN			Approved
ELEC-1-15.0	ELECTRICAL LIGHTNING PROTECTION SITE KEY PLAN	DRWG	EGL-001	2/3/2012	2/3/2012					3/9/2012	3/9/2012	2/29/2012		4/4/2012	4/10/2012		TN			Approved
	ELECTRICAL LIGHTNING PROTECTION LAYOUT - YARD AREA	DRWG	EGL-010	2/3/2012	2/3/2012					3/9/2012	3/9/2012	2/29/2012		4/4/2012	4/10/2012		TN			Approved
	ELECTRICAL LIGHTNING PROTECTION LAYOUT - ADMIN BUILDING AREA	DRWG	EGL-020	2/3/2012	2/3/2012					3/9/2012	3/9/2012	2/29/2012		4/4/2012	4/10/2012		TN			Approved
	ELECTRICAL LIGHTNING PROTECTION LAYOUT - YARD AREA	DRWG	EGL-030	2/3/2012	2/3/2012					3/9/2012	3/9/2012	2/29/2012		4/4/2012	4/10/2012		TN			Approved
	ELECTRICAL LIGHTNING PROTECTION LAYOUT - AMMONA STORAGE AREA	DRWG	EGL-110	2/3/2012	2/3/2012					3/9/2012	3/9/2012	2/29/2012		4/4/2012	4/10/2012		TN			Approved
	ELECTRICAL LIGHTNING PROTECTION LAYOUT - WATER TREATMENT AREA	DRWG	EGL-120	2/3/2012	2/3/2012					3/9/2012	3/9/2012	2/29/2012		4/4/2012	4/10/2012		TN			Approved
	ELECTRICAL LIGHTNING PROTECTION LAYOUT - YARD AREA	DRWG	EGL-130	2/3/2012	2/3/2012					3/9/2012	3/9/2012	2/29/2012		4/4/2012	4/10/2012		TN			Approved
	ELECTRICAL LIGHTNING PROTECTION LAYOUT	DRWG	EGL-140	2/3/2012	2/3/2012					3/9/2012	3/9/2012	2/29/2012		4/4/2012	4/10/2012		TN			Approved
	ELECTRICAL LIGHTNING PROTECTION LAYOUT - CTG 101/201 AREA	DRWG	EGL-220	2/3/2012	2/3/2012					3/9/2012	3/9/2012	2/29/2012		4/4/2012	4/10/2012		TN			Approved
	ELECTRICAL LIGHTNING PROTECTION LAYOUT - CTG 301/404 AREA	DRWG	EGL-230	2/3/2012	2/3/2012					3/9/2012	3/9/2012	2/29/2012		4/4/2012	4/10/2012		TN			Approved
	ELECTRICAL LIGHTNING PROTECTION LAYOUT	DRWG	EGL-240	2/3/2012	2/3/2012					3/9/2012	3/9/2012	2/29/2012		4/4/2012	4/10/2012		TN			Approved
	ELECTRICAL LIGHTNING PROTECTION LAYOUT - GSU 201/SWITCHYARD AREA	DRWG	EGL-320	2/3/2012	2/3/2012					3/9/2012	3/9/2012	2/29/2012		4/4/2012	4/10/2012		TN			Approved
	ELECTRICAL LIGHTNING PROTECTION LAYOUT - GSU 301/401/SWITCHYARD AREA	DRWG	EGL-330	2/3/2012	2/3/2012					3/9/2012	3/9/2012	2/29/2012		4/4/2012	4/10/2012		TN			Approved

	ELECTRICAL LIGHTNING PROTECTION LAYOUT	DRWG	EGL-340	2/3/2012	2/3/2012					3/9/2012	3/9/2012	2/29/2012		4/4/2012	4/10/2012		TN			Approved
	ELECTRICAL LIGHTNING PROTECTION LAYOUT - INSTALLATION DETAILS	DRWG	EGL-900	2/3/2012	2/3/2012					3/9/2012	3/9/2012	2/29/2012		4/4/2012	4/10/2012		TN			Approved
ELEC-1-16.0	ELECTRICAL LIGHTING SITE KEY PLAN	DRWG	EL-001	2/4/2012	2/4/2012					2/1/2012		3/22/2012		4/26/2012	5/9/2012		TN			Approved
	ELECTRICAL LIGHTING SITE LIGHTING LAYOUT	DRWG	EL-002	2/4/2012	2/4/2012					2/1/2012		3/22/2012		4/26/2012	5/9/2012		TN			Approved
	ELECTRICAL LIGHTING LAYOUT - YARD AREA	DRWG	EL-010	2/4/2012	2/4/2012					2/1/2012		3/22/2012		6/5/2012	6/21/2012		TN			Approved
	ELECTRICAL LIGHTING LAYOUT - WATER TREATMENT AREA	DRWG	EL-020	2/4/2012	2/4/2012					2/1/2012		3/22/2012		6/5/2012	6/21/2012		TN			Approved
	ELECTRICAL LIGHTING LAYOUT - YARD AREA	DRWG	EL-030	2/4/2012	2/4/2012					2/1/2012		3/22/2012		6/5/2012	6/21/2012		TN			Approved
	ELECTRICAL LIGHTING LAYOUT - AMMONA STORAGE AREA	DRWG	EL-110	2/4/2012	2/4/2012					2/1/2012		3/22/2012			4/4/2012		TN			Approved
	ELECTRICAL LIGHTING LAYOUT - ADMINISTRATION BUILDING AREA	DRWG	EL-120	2/4/2012	2/4/2012					2/1/2012		3/22/2012		4/26/2012	5/9/2012		TN			Approved
	ELECTRICAL LIGHTING LAYOUT - YARD AREA	DRWG	EL-130	2/4/2012	2/4/2012					2/1/2012		3/22/2012		6/5/2012	6/21/2012		TN			Approved
	ELECTRICAL LIGHTING LAYOUT - STACK 4 AND YARD AREA	DRWG	EL-140	2/4/2012	2/4/2012					2/1/2012		3/22/2012			4/4/2012		TN			Approved
	ELECTRICAL LIGHTING LAYOUT - CTG 101/201 AREA	DRWG	EL-220	2/4/2012	2/4/2012					2/1/2012		3/22/2012			4/4/2012		TN			Approved
	ELECTRICAL LIGHTING LAYOUT - CTG 301/404 AREA	DRWG	EL-230	2/4/2012	2/4/2012					2/1/2012		3/22/2012			4/4/2012		TN			Approved
	ELECTRICAL LIGHTING LAYOUT - SCR AND CTG 4	DRWG	EL-240	2/4/2012	2/4/2012					2/1/2012		3/22/2012			4/4/2012		TN			Approved
	ELECTRICAL LIGHTING LAYOUT - GSU 201/SWITCHYARD AREA	DRWG	EL-320	2/4/2012	2/4/2012					2/1/2012		3/22/2012		4/26/2012	5/9/2012		TN			Approved
	ELECTRICAL LIGHTING LAYOUT - GSU 301/401/SWITCHYARD AREA	DRWG	EL-330	2/4/2012	2/4/2012					2/1/2012		3/22/2012		4/26/2012	5/9/2012		TN			Approved
	ELECTRICAL LIGHTING LAYOUT-GSU 4 AND SWITCHYARD AREA	DRWG	EL-340	2/4/2012	2/4/2012					2/1/2012		3/22/2012		4/26/2012	5/9/2012		TN			Approved
	ELECTRICAL LIGHTING LAYOUT - LIGHTING CONTACTOR WIRING DIAGRAM	DRWG	EL-900	2/4/2012	2/4/2012					2/1/2012		3/22/2012		4/26/2012	5/9/2012		TN			Approved
	ELECTRICAL LIGHTING LAYOUT - INSTALLATION DETAILS	DRWG	EL-901	2/4/2012	2/4/2012					2/1/2012		3/22/2012			4/4/2012		TN			Approved
	ELECTRICAL LIGHTING LAYOUT - INSTALLATION DETAILS	DRWG	EL-902	2/4/2012	2/4/2012					2/1/2012		3/22/2012		5/22/2012	5/		TN			Approved
	LIGHTING CALCULATION	Task	880G	11/23/2011													TN			Not Submitted
ELEC-1-17.0	ELECTRICAL DUCT BANK LAYOUT SITE KEY PLAN	DRWG	ED-001			6/6/2011			6/15/2011			8/3/2011		3/29/2012	11/15/2011		TN			Submitted
	ELECTRICAL DUCT BANK LAYOUT - YARD AREA	DRWG	ED-010			6/6/2011			6/15/2011			8/3/2011		5/1/2012	5/9/2012		TN			Approved
	ELECTRICAL DUCT BANK LAYOUT - WATER TREATMENT AREA	DRWG	ED-020			6/6/2011			6/15/2011			8/3/2011		3/29/2012	2/23/2012		TN			Submitted
	ELECTRICAL DUCT BANK LAYOUT - YARD AREA	DRWG	ED-030			6/6/2011			6/15/2011			8/3/2011		3/29/2012	3/2/2012		TN			Submitted
	ELECTRICAL DUCT BANK LAYOUT - AMMONA STORAGE AREA	DRWG	ED-110			6/6/2011			6/15/2011			8/3/2011		3/29/2012	12/30/2011		TN			Submitted
	ELECTRICAL DUCT BANK LAYOUT ADMINISTRATION AND CONTROL BUILDINGS, STACKS 1 AND 2	DRWG	ED-120			6/6/2011			6/15/2011			8/3/2011		4/10/2012	12/30/2011		TN			Submitted
	ELECTRICAL DUCT BANK LAYOUT FUEL GAS AND STACKS 2 AND 3 AREAS	DRWG	ED-130			6/6/2011			6/15/2011			8/3/2011		4/10/2012	3/2/2012		TN			Submitted
	ELECTRICAL DUCT BANK LAYOUT STACK 4 AND YARD AREA	DWG	ED-140			6/6/2011			6/15/2011			8/3/2011		4/10/2012	11/15/2011		TN			Submitted
	ELECTRICAL DUCT BANK LAYOUT GSU 1 AND 2 AND SWITCHYARD AREA	DRWG	ED-320			6/6/2011			6/15/2011			8/12/2011		4/16/2012	4/24/2012		TN			Approved
	ELECTRICAL DUCT BANK LAYOUT GSU 2 AND 3 AND SWITCHYARD AREA	DRWG	ED-330			6/6/2011			6/15/2011			8/12/2011		4/16/2012	4/24/2012		TN			Approved
	ELECTRICAL DUCT BANK LAYOUT GSU 4 AND SWITCHYARD AREA	DWG	ED-340			6/6/2011			6/15/2011			8/12/2011		4/16/2012	4/24/2012		TN			Approved
	ELECTRICAL DUCT BANK DETAILS	DRWG	ED-900			6/6/2011			6/15/2011			8/12/2011		3/29/2012	9/8/2011		TN			Submitted
	ELECTRICAL DUCT BANK DETAILS	DRWG	ED-901			6/6/2011			6/15/2011			8/3/2011		3/29/2012	8/10/2011		TN			Submitted
	ELECTRICAL DUCT BANK DETAILS SFC/SEE PACKAGE 01 AND 02	DRWG	ED-902			6/6/2011			6/15/2011			8/12/2011		3/29/2012	12/30/2011		TN			Submitted
	ELECTRICAL DUCT BANK DETAILS SFC/SEE PACKAGE 03 AND 04	DRWG	ED-903			6/6/2011			6/15/2011			8/12/2011		3/29/2012	12/30/2011		TN			Submitted
	ELECTRICAL DUT BANK LAYOUT FUEL GAS COMPRESSOR AREA	DRWG	ED-904									8/3/2011		3/29/2012	11/15/2011		TN			Submitted
ELEC-1-17.1	ELECTRICAL DUCT BANK LAYOUT WELL PUMP AREA	DRWG	ED-002			4/14/2011	5/5/2011					5/11/2011	6/15/2011	6/3/2011	7/1/2011		TN			Approved
ELEC-1-17.2	ELECTRICAL DUCT BANK LAYOUT GAS METERING AREA	DRWG	ED-003			04/19/11						05/18/11		04/16/12	04/24/12		TN			Approved
ELEC-1-17.3	ELECTRICAL DUCT BANK LAYOUT - CTG 1 AND 2 AREA	DRWG	ED-220		5/31/2011	6/6/2011			6/15/2011			8/3/2011		12/19/2011	12/30/2011		TN			Approved
	ELECTRICAL DUCT BANK LAYOUT - CTG 3 AND 4 AREA	DRWG	ED-230		5/31/2011	6/6/2011			6/15/2011			8/3/2011		12/19/2011	12/30/2011		TN			Approved
	ELECTRICAL DUCT BANK LAYOUT- SCR/CTG 4 AREA	DRWG	ED-240			06/06/11			6/15/2011			8/3/2011		12/19/2011	12/30/2011		TN			Approved
ELEC-1-17.4	ELECTRICAL DUCT BANK LAYOUT - DEAD END TOWER AREA	DRWG	ED-440			11/11/2011								3/29/2012	2/23/2012		TN			Submitted
	ELECTRICAL DUCT BANK LAYOUT - DEAD END TOWER AREA	DRWG	ED-450			11/11/2011								3/29/2012	2/23/2012		TN			Submitted
	ELECTRICAL DUCT BANK LAYOUT SWITCHYARD AREA	DRWG	ED-905						11/16/2011					4/16/2012	4/24/2012		TN			Approved
ELEC-1-17.5	ELECTRICAL DUCT BANK LAYOUT	DRWG	ED-500									2/10/2012			2/23/2012		TN			Approved
ELEC-1-17.6	ELECTRICAL DUCT BANK LAYOUT - AIR COMPRESSOR AREA	DRWG	ED-906									2/29/2012			3/2/2012		TN			Approved
ELEC-1-17.7	ELECTRICAL DUCT BANK LAYOUT EAST WAREHOUSE AREA	DRWG	ED-350									03/19/12			03/27/12		TN			Approved
ELEC-1-18.0	ACB ELECTRICAL PERMIT	V DWG	ACB ELECTRICAL									11/3/2011	11/29/11		02/22/12		TN			Approved
		V DWG	E-000 ACB									11/3/2011	11/29/11		02/22/12		TN			Approved
		V DWG	E-001 ACB									11/3/2011	11/29/11		02/22/12		TN			Approved
		V DWG	E-002 ACB									11/3/2011	11/29/11		02/22/12		TN			Approved
		V DWG	E-101 ACB									11/3/2011	11/29/11		02/22/12		TN			Approved
		V DWG	E-301 ACB									11/3/2011	11/29/11		02/22/12		TN			Approved
		V DWG	E-401 ACB									11/3/2011	11/29/11		02/22/12		TN			Approved
ELEC-1-19.0	FGCB ELECTRICAL PERMIT (PACKAGE E-000; E-001; E-002; E-101; E-301; E-401)	V DWG	E-000									11/3/2011			11/15/11		TN			Approved
ELEC-1-20.0	WWB ELECTRICAL PERMIT	V DWG	E-000										11/18/11	02/20/12	2/23/2012		TN			Approved
		V DWG	E-001										11/18/11	02/20/12	2/23/2012		TN			Approved
		V DWG	E-002										11/18/11	02/20/12	2/23/2012		TN			Approved
		V DWG	E-101										11/18/11	02/20/12	2/23/2012		TN			Approved
		V DWG	E-301										11/18/11	02/20/12	2/23/2012		TN			Approved
		V DWG	E-401										11/18/11	02/20/12	2/23/2012		TN			Approved
ELEC-1-21.0	5KV CIRCUIT SCHEDULE	Misc										11/29/11			12/12/11		TN			Approved
	5KV - ISSUE 1	Misc										11/29/11			12/12/11		TN			Approved
ELEC-1-21.1	CIRCUIT LIST - 480V BOP SWITCHBOARD	Misc										01/04/11			01/25/12		TN			Approved
	480V -ISSUE 2	Misc										01/04/11			01/25/12		TN			Approved
ELEC-1-21.2	5kV CIRCUIT SCHEDULE											05/24/12			05/30/12					Approved
MISC CIRCUIT SCHEDULE	120V & 125V CIRCUIT SCHEDULE											05/24/12			05/30/12					Approved
	480V CIRCUIT SCHEDULE											05/24/12			05/30/12					Approved
	MISC - ISSUE 3											05/24/12			05/30/12					Approved
	SIEMENS CIRCUIT SCHEDULE																			Not Submitted
ELEC-1-22.0	MISC ELECTRICAL INSTALLATION DETAILS	DRWG	EW-901									05/03/12			05/09/12		TN			Approved

ELEC-1-23.0	ELECTRICAL CABLE RACKING LAYOUT - 5KV VAULT		EW-910			01/17/12			01/31/12			05/03/12					TN			Submitted
	ELECTRICAL CABLE RACKING LAYOUT - BOP VAULT		EW- 911			01/17/12			01/31/12			02/21/12			2/23/2012		TN			Approved
ELEC-1-24.0	TUBING SUPPORT LAYOUT	DRWG	ET-900									01/23/12		04/09/12	02/06/12		TN			Submitted
ELEC-1.25.0	CHEMICAL LINE TRAY LAYOUT	DRWG	ET-020									04/09/12					TN			Submitted
ELEC-1.26.0	ELECTRICAL TABLE TRAY INSTALLATION DETAIL	DRWG	ET-901									04/09/12					TN			Submitted
ELEC-1-27.0	ELECTRICAL SYSTEMS ANALYSIS CALCULATIONS	CALC	E-0002 ELECTRICAL														TN			Submitted
	PANEL BOARD SHORET CIRCUIT CALCULATIONS	CALC	PANEL BOARD CALCS														TN			Submitted
ELEC-1-28.0	RELAY COORDINATION STUDY	REF	STUDY									07/02/12					TN			Submitted
MECH 1																	AT			
MECH-1-1.0	LINE LIST	Misc	075B							08/19/11	08/19/11						AT			Not Submitted
MECH-1-2.0	~~PIPE CODE~~ – SUBMITTED UNDER MECH-1-5.0	Misc	075F							08/19/11	08/19/11						AT			
MECH-1-3.0	FIRE PROTECTION SYSTEM	Spec	530			12/1/2011				10/15/11	10/15/11		12/14/2011				AT			Comments
MECH-1-4.0	UG FIREWATER LOOP	Spec	531							07/27/11	08/03/11	9/12/2011			9/21/2011		AT			Approved
MECH-1-5.0	MECHANICAL COMMODITIES	TSpc	600		3/28/2011	3/28/2011			04/05/11	08/24/11	04/25/11	04/25/11			REFERENCE		AT			Approved
MECH-1-5.1	WELL WATER PUMPS	Spec	565		4/11/2011	3/30/2011	4/20/2011				05/09/11				REFERENCE		AT			Approved
MECH-1-6.0	SMALL BORE FABRICATION ISOMETRIC AQA - AQUEOUS AMMONIA	DRWG	4AQA4001-1			2/10/2012				12/08/11	12/08/11				3/5/2012		AT			Approved
	SMALL BORE FABRICATION ISOMETRIC AQA - AQUEOUS AMMONIA	DRWG	3AQA3001-1			2/10/2012				12/08/11	12/08/11				3/5/2012		AT			Approved
	SMALL BORE FABRICATION ISOMETRIC AQA - AQUEOUS AMMONIA	DRWG	2AQA2001-1			2/10/2012				12/08/11	12/08/11				3/5/2012		AT			Approved
	SMALL BORE FABRICATION ISOMETRIC AQA - AQUEOUS AMMONIA	DRWG	1AQA1001-1			2/10/2012				12/08/11	12/08/11				3/5/2012		AT			Approved
	SMALL BORE FABRICATION ISOMETRIC AQA - AQUEOUS AMMONIA	DRWG	0AQA6029-1			2/10/2012				12/08/11	12/08/11				3/5/2012		AT			Approved
	SMALL BORE FABRICATION ISOMETRIC AQA - AQUEOUS AMMONIA	DRWG	0AQA6028-1			2/10/2012				12/08/11	12/08/11				3/5/2012		AT			Approved
	SMALL BORE FABRICATION ISOMETRIC AQA - AQUEOUS AMMONIA	DRWG	0AQA6016-1			2/10/2012				12/08/11	12/08/11				3/5/2012		AT			Approved
	SMALL BORE FABRICATION ISOMETRIC AQA - AQUEOUS AMMONIA	DRWG	0AQA6012-1			2/10/2012				12/08/11	12/08/11				3/5/2012		AT			Approved
	SMALL BORE FABRICATION ISOMETRIC AQA - AQUEOUS AMMONIA	DRWG	0AQA6010-1			2/10/2012				12/08/11	12/08/11				3/5/2012		AT			Approved
	SMALL BORE FABRICATION ISOMETRIC AQA - AQUEOUS AMMONIA	DRWG	0AQA6006-1			2/10/2012				12/08/11	12/08/11				3/5/2012		AT			Approved
	SMALL BORE FABRICATION ISOMETRIC AQA - AQUEOUS AMMONIA	DRWG	0AQA6001-1			2/10/2012									3/5/2012		AT			Approved
MECH-1-7.0	MECHANICAL UNDERGROUND BUILDING PIPING WATER TREATMENT	DRWG	BP-001A	07/27/11	07/27/11					09/07/11	09/07/11	11/1/2011		2/13/2012	3/5/2012		AT			Approved
MECH-1-8.0	LARGE BORE FABRICATION ISOMETRIC CTP - COMBUSTION TURBINE PIPING	DRWG	1CTP1013-1	08/25/11	08/25/11					09/27/11	09/27/11	12/5/2011		5/31/2012	6/6/2012		AT			Approved
	LARGE BORE FABRICATION ISOMETRIC CTP - COMBUSTION TURBINE PIPING	DRWG	2CTP2013-1	08/25/11	08/25/11					09/27/11	09/27/11	12/5/2011		5/31/2012	6/6/2012		AT			Approved
	LARGE BORE FABRICATION ISOMETRIC CTP - COMBUSTION TURBINE PIPING	DRWG	3CTP3013-1	08/25/11	08/25/11					09/27/11	09/27/11	12/5/2011		5/31/2012	6/6/2012		AT			Approved
	LARGE BORE FABRICATION ISOMETRIC CTP - COMBUSTION TURBINE PIPING	DRWG	4CTP4013-1	08/25/11	08/25/11					09/27/11	09/27/11	12/5/2011		5/31/2012	6/6/2012		AT			Approved
	LARGE BORE FABRICATION ISOMETRIC CTP - COMBUSTION TURBINE PIPING	DRWG	0CTP6001	08/25/11	08/25/11					09/27/11	09/27/11	12/5/2011			12/14/2011		AT			Approved
	LARGE BORE FABRICATION ISOMETRIC CTP - COMBUSTION TURBINE PIPING	DRWG	4CTP4014-1	08/25/11	08/25/11					09/27/11	09/27/11	12/5/2011		5/31/2012	6/6/2012		AT			Approved
	LARGE BORE FABRICATION ISOMETRIC CTP - COMBUSTION TURBINE PIPING	DRWG	3CTP3014-1	08/25/11	08/25/11					09/27/11	09/27/11	12/5/2011		5/31/2012	6/6/2012		AT			Approved
	LARGE BORE FABRICATION ISOMETRIC CTP - COMBUSTION TURBINE PIPING	DRWG	2CTP2014-1	08/25/11	08/25/11					09/27/11	09/27/11	12/5/2011		5/31/2012	6/6/2012		AT			Approved
	LARGE BORE FABRICATION ISOMETRIC CTP - COMBUSTION TURBINE PIPING	DRWG	1CTP1014-1	08/25/11	08/25/11					09/27/11	09/27/11	12/5/2011		5/31/2012	6/6/2012		AT			Approved
	LARGE BORE FABRICATION ISOMETRIC CTP - COMBUSTION TURBINE PIPING	DRWG	OCTP6017-1	08/25/11	08/25/11					09/27/11	09/27/11	12/5/2011			12/14/2011		AT			Approved
	LARGE BORE FABRICATION ISOMETRIC CTP - COMBUSTION TURBINE PIPING	DRWG	0CTP6018-1											3/30/2012	4/10/2012		AT			Approved
	LARGE BORE FABRICATION ISOMETRIC CTP - COMBUSTION TURBINE PIPING	DRWG	0CTP6052-1											3/30/2012	4/10/2012		AT			Approved
MECH-1-9.0	SMALL BORE FABRICATION ISOMETRIC CTP - COMBUSTION TURBINE PIPING	DRWG	3CTP3002-1			2/1/2012			2/6/2012	12/06/11	12/06/11						AT			Approved
	SMALL BORE FABRICATION ISOMETRIC CTP - COMBUSTION TURBINE PIPING	DRWG	1CTP1008-1			2/1/2012			2/6/2012	12/06/11	12/06/11						AT			Approved
	SMALL BORE FABRICATION ISOMETRIC CTP - COMBUSTION TURBINE PIPING	DRWG	1CTP1009-1			2/1/2012			2/6/2012	12/06/11	12/06/11						AT			Approved
	SMALL BORE FABRICATION ISOMETRIC CTP - COMBUSTION TURBINE PIPING	DRWG	1CTP1011-1			2/1/2012			2/6/2012	12/06/11	12/06/11						AT			Approved
	SMALL BORE FABRICATION ISOMETRIC CTP - COMBUSTION TURBINE PIPING	DRWG	1CTP1012-1			2/1/2012			2/6/2012	12/06/11	12/06/11						AT			Approved
	SMALL BORE FABRICATION ISOMETRIC CTP - COMBUSTION TURBINE PIPING	DRWG	1CTP1015-1			2/1/2012			2/6/2012	12/06/11	12/06/11						AT			Approved
	SMALL BORE FABRICATION ISOMETRIC CTP - COMBUSTION TURBINE PIPING	DRWG	2CTP2002-1			2/1/2012			2/6/2012	12/06/11	12/06/11						AT			Approved
	SMALL BORE FABRICATION ISOMETRIC CTP - COMBUSTION TURBINE PIPING	DRWG	2CTP2003-1			2/1/2012			2/6/2012	12/06/11	12/06/11						AT			Approved
	SMALL BORE FABRICATION ISOMETRIC CTP - COMBUSTION TURBINE PIPING	DRWG	2CTP2004-1			2/1/2012			2/6/2012	12/06/11	12/06/11						AT			Approved
	SMALL BORE FABRICATION ISOMETRIC CTP - COMBUSTION TURBINE PIPING	DRWG	2CTP2009-1			2/1/2012			2/6/2012	12/06/11	12/06/11						AT			Approved
	SMALL BORE FABRICATION ISOMETRIC CTP - COMBUSTION TURBINE PIPING	DRWG	1CTP1007-1			2/1/2012			2/6/2012	12/06/11	12/06/11						AT			Approved

	SMALL BORE FABRICATION ISOMETRIC CTP - COMBUSTION TURBINE PIPING	DRWG	2CTP2012-1			2/1/2012			2/6/2012	12/06/11	12/06/11						AT			Approved
	SMALL BORE FABRICATION ISOMETRIC CTP - COMBUSTION TURBINE PIPING	DRWG	4CTP4012-1			2/1/2012			2/6/2012	12/06/11	12/06/11						AT			Approved
	SMALL BORE FABRICATION ISOMETRIC CTP - COMBUSTION TURBINE PIPING	DRWG	3CTP3003-1			2/1/2012			2/6/2012	12/06/11	12/06/11						AT			Approved
	SMALL BORE FABRICATION ISOMETRIC CTP - COMBUSTION TURBINE PIPING	DRWG	3CTP3004-1			2/1/2012			2/6/2012	12/06/11	12/06/11						AT			Approved
	SMALL BORE FABRICATION ISOMETRIC CTP - COMBUSTION TURBINE PIPING	DRWG	3CTP3009-1			2/1/2012			2/6/2012	12/06/11	12/06/11						AT			Approved
	SMALL BORE FABRICATION ISOMETRIC CTP - COMBUSTION TURBINE PIPING	DRWG	3CTP3011-1			2/1/2012			2/6/2012	12/06/11	12/06/11						AT			Approved
	SMALL BORE FABRICATION ISOMETRIC CTP - COMBUSTION TURBINE PIPING	DRWG	3CTP3012-1			2/1/2012			2/6/2012	12/06/11	12/06/11						AT			Approved
	SMALL BORE FABRICATION ISOMETRIC CTP - COMBUSTION TURBINE PIPING	DRWG	4CTPP4001-1			2/1/2012			2/6/2012	12/06/11	12/06/11						AT			Approved
	SMALL BORE FABRICATION ISOMETRIC CTP - COMBUSTION TURBINE PIPING	DRWG	4CTP4002-1			2/1/2012			2/6/2012	12/06/11	12/06/11						AT			Approved
	SMALL BORE FABRICATION ISOMETRIC CTP - COMBUSTION TURBINE PIPING	DRWG	4CTP4003-1			2/1/2012			2/6/2012	12/06/11	12/06/11						AT			Approved
	SMALL BORE FABRICATION ISOMETRIC CTP - COMBUSTION TURBINE PIPING	DRWG	4CTP4009-1			2/1/2012			2/6/2012	12/06/11	12/06/11						AT			Approved
	SMALL BORE FABRICATION ISOMETRIC CTP - COMBUSTION TURBINE PIPING	DRWG	4CTP4011-1			2/1/2012			2/6/2012	12/06/11	12/06/11						AT			Approved
	SMALL BORE FABRICATION ISOMETRIC CTP - COMBUSTION TURBINE PIPING	DRWG	2CTP2011-1			2/1/2012			2/6/2012	12/06/11	12/06/11						AT			Approved
MECH-1-10.0	LARGE BORE FABRICATION ISOMETRIC DWS - DEMENERALIZED WATER	DRWG	0DWS6006-1									12/8/2011		5/31/2012	6/6/2012		AT			Approved
	LARGE BORE FABRICATION ISOMETRIC DWS - DEMENERALIZED WATER	DRWG	0DWS6007-1									12/8/2011		5/31/2012	6/6/2012		AT			Approved
	LARGE BORE FABRICATION ISOMETRIC DWS - DEMENERALIZED WATER	DRWG	0DWS6013-1									12/8/2011		5/31/2012	6/6/2012		AT			Approved
	LARGE BORE FABRICATION ISOMETRIC DWS - DEMENERALIZED WATER	DRWG	0DWS6017-1	11/11/11	11/11/11					12/14/11	12/14/11			3/30/2012			AT			Approved
MECH-1-11.0	SMALL BORE FABRICATION ISOMETRIC DWS - DEMENERALIZED WATER	DRWG	0DWS6014-1							12/16/11	12/06/11	2/28/2012			3/2/2012		AT			Approved
	SMALL BORE FABRICATION ISOMETRIC DWS - DEMENERALIZED WATER	DRWG	0DWS6010-1							12/16/11	12/06/11	2/28/2012			3/2/2012		AT			Approved
	SMALL BORE FABRICATION ISOMETRIC DWS - DEMENERALIZED WATER	DRWG	0DWS6002-1							12/16/11	12/06/11	2/28/2012			3/2/2012		AT			Approved
	SMALL BORE FABRICATION ISOMETRIC DWS - DEMENERALIZED WATER	DRWG	0DWS6001-1							12/16/11	12/06/11	2/28/2012			3/2/2012		AT			Approved
MECH-1-12.0	LARGE BORE FABRICATION ISOMETRIC SWT - SERVICE WATER TREATMENT	DRWG	0SWT6001-1	11/11/11	11/11/11					12/14/11	12/14/11	12/28/2011		5/31/2012	6/6/2012		AT			Approved
	LARGE BORE FABRICATION ISOMETRIC SWT - SERVICE WATER TREATMENT	DRWG	0SWT6002-1	11/11/11	11/11/11					12/14/11	12/14/11	12/28/2011		5/31/2012	6/6/2012		AT			Approved
	LARGE BORE FABRICATION ISOMETRIC SWT - SERVICE WATER TREATMENT	DRWG	0SWT6003-1	11/11/11	11/11/11					12/14/11	12/14/11	12/28/2011		5/31/2012	6/6/2012		AT			Approved
	LARGE BORE FABRICATION ISOMETRIC SWT - SERVICE WATER TREATMENT	DRWG	0SWT6005-1	11/11/11	11/11/11					12/14/11	12/14/11	12/28/2011		3/20/2012	4/4/2012		AT			Approved
	LARGE BORE FABRICATION ISOMETRIC SWT - SERVICE WATER TREATMENT	DRWG	0SWT6006-1	11/11/11	11/11/11					12/14/11	12/14/11	12/28/2011		3/20/2012	4/4/2012		AT			Approved
	LARGE BORE FABRICATION ISOMETRIC SWT - SERVICE WATER TREATMENT	DRWG	0SWT6008-1	11/11/11	11/11/11					12/14/11	12/14/11	12/28/2011		5/31/2012	6/6/2012		AT			Approved
	LARGE BORE FABRICATION ISOMETRIC SWT - SERVICE WATER TREATMENT	DRWG	0SWT6009-1	11/11/11	11/11/11					12/14/11	12/14/11	12/28/2011		5/31/2012	6/6/2012		AT			Approved
	LARGE BORE FABRICATION ISOMETRIC SWT - SERVICE WATER TREATMENT	DRWG	0SWT6010-1	11/11/11	11/11/11					12/14/11	12/14/11	12/28/2011		5/31/2012	6/6/2012		AT			Approved
	LARGE BORE FABRICATION ISOMETRIC SWT - SERVICE WATER TREATMENT	DRWG	0SWT6011-1	11/11/11	11/11/11					12/14/11	12/14/11	12/28/2011		5/31/2012	6/6/2012		AT			Approved
	LARGE BORE FABRICATION ISOMETRIC SWT - SERVICE WATER TREATMENT	DRWG	0SWT6012-1	11/11/11	11/11/11					12/14/11	12/14/11	12/28/2011		5/31/2012	6/6/2012		AT			Approved
	LARGE BORE FABRICATION ISOMETRIC SWT - SERVICE WATER TREATMENT	DRWG	0SWT6013-1	11/11/11	11/11/11					12/14/11	12/14/11	12/28/2011		3/20/2012	4/4/2012		AT			Approved
	LARGE BORE FABRICATION ISOMETRIC SWT - SERVICE WATER TREATMENT	DRWG	0SWT6015-1	11/11/11	11/11/11					12/14/11	12/14/11	12/28/2011		3/20/2012	4/4/2012		AT			Approved
	LARGE BORE FABRICATION ISOMETRIC SWT - SERVICE WATER TREATMENT	DRWG	0SWT6016-1	11/11/11	11/11/11					12/14/11	12/14/11	12/28/2011		5/31/2012	6/6/2012		AT			Approved
	LARGE BORE FABRICATION ISOMETRIC SWT - SERVICE WATER TREATMENT	DRWG	0SWT6018-1	11/11/11	11/11/11					12/14/11	12/14/11	12/28/2011		3/20/2012	4/4/2012		AT			Approved
	LARGE BORE FABRICATION ISOMETRIC SWT - SERVICE WATER TREATMENT	DRWG	0SWT6019-1	11/11/11	11/11/11					12/14/11	12/14/11	12/28/2011		3/20/2012	4/4/2012		AT			Approved
	LARGE BORE FABRICATION ISOMETRIC SWT - SERVICE WATER TREATMENT	DRWG	0SWT6021-1	11/11/11	11/11/11					12/14/11	12/14/11	12/28/2011		5/31/2012	6/6/2012		AT			Approved
	LARGE BORE FABRICATION ISOMETRIC SWT - SERVICE WATER TREATMENT	DRWG	OSWT6022-1	11/11/11	11/11/11					12/14/11	12/14/11	12/28/2011		5/31/2012	6/6/2012		AT			Approved
	LARGE BORE FABRICATION ISOMETRIC SWT - SERVICE WATER TREATMENT	DRWG	0SWT6024-1	11/11/11	11/11/11					12/14/11	12/14/11	12/28/2011		3/20/2012	4/4/2012		AT			Approved
	LARGE BORE FABRICATION ISOMETRIC SWT - SERVICE WATER TREATMENT	DRWG	0SWT6025-1	11/11/11	11/11/11					12/14/11	12/14/11	12/28/2011		5/31/2012	6/6/2012		AT			Approved
	LARGE BORE FABRICATION ISOMETRIC SWT - SERVICE WATER TREATMENT	DRWG	0SWT6026-1	11/11/11	11/11/11					12/14/11	12/14/11	12/28/2011		3/20/2012	4/4/2012		AT			Approved
	LARGE BORE FABRICATION ISOMETRIC SWT - SERVICE WATER TREATMENT	DRWG	0SWT6028-1	11/11/11	11/11/11					12/14/11	12/14/11	12/28/2011		3/20/2012	4/4/2012		AT			Approved
	LARGE BORE FABRICATION ISOMETRIC SWT - SERVICE WATER TREATMENT	DRWG	0SWT6032-1											5/31/2012	6/6/2012		AT			Approved
	LARGE BORE FABRICATION ISOMETRIC SWT - SERVICE WATER TREATMENT	DRWG	0SWT6036-1	11/11/11	11/11/11					12/14/11	12/14/11	12/28/2011		5/31/2012	6/6/2012		AT			Approved
	LARGE BORE FABRICATION ISOMETRIC SWT - SERVICE WATER TREATMENT	DRWG	0SWT6040-1	11/11/11	11/11/11					12/14/11	12/14/11	12/28/2011		5/31/2012	6/6/2012		AT			Approved

	LARGE BORE FABRICATION ISOMETRIC SWT - SERVICE WATER TREATMENT	DRWG	0SWT6046-1	11/11/11	11/11/11					12/14/11	12/14/11	12/28/2011		6/6/2012	4/4/2012		AT			Submitted
	LARGE BORE FABRICATION ISOMETRIC SWT - SERVICE WATER TREATMENT	DRWG	0SWT6054-1	11/11/11	11/11/11					12/14/11	12/14/11	12/28/2011		6/6/2012	4/4/2012		AT			Submitted
	LARGE BORE FABRICATION ISOMETRIC SWT - SERVICE WATER TREATMENT	DRWG	0SWT6058-1	11/11/11	11/11/11					12/14/11	12/14/11	12/28/2011		6/7/2012	4/4/2012		AT			Submitted
	LARGE BORE FABRICATION ISOMETRIC SWT - SERVICE WATER TREATMENT	DRWG	0SWT6060-1	11/11/11	11/11/11					12/14/11	12/14/11	12/28/2011		6/7/2012	4/4/2012		AT			Submitted
	LARGE BORE FABRICATION ISOMETRIC SWT - SERVICE WATER TREATMENT	DRWG	0SWT6065-1											3/20/2012	4/4/2012		AT			Approved
	LARGE BORE FABRICATION ISOMETRIC SWT - SERVICE WATER TREATMENT	DRWG	0SWT6066-1											3/20/2012	4/4/2012		AT			Approved
	LARGE BORE FABRICATION ISOMETRIC SWT - SERVICE WATER TREATMENT	DRWG	0SWT6067-1											6/7/2012	4/4/2012		AT			Submitted
MECH-1-13.0	SMALL BORE FABRICATION ISOMETRIC SWT - SERVICE WATER TREATMENT	DRWG	0SWT6057-1			2/1/2012			2/6/2012								AT			Approved
	SMALL BORE FABRICATION ISOMETRIC SWT - SERVICE WATER TREATMENT	DRWG	0SWT6051-1			2/1/2012			2/6/2012								AT			Approved
	SMALL BORE FABRICATION ISOMETRIC SWT - SERVICE WATER TREATMENT	DRWG	0SWT6035-1			2/1/2012			2/6/2012	12/20/11	12/20/11						AT			Approved
	SMALL BORE FABRICATION ISOMETRIC SWT - SERVICE WATER TREATMENT	DRWG	0SWT6029-1			2/1/2012			2/6/2012	12/20/11	12/20/11						AT			Approved
	SMALL BORE FABRICATION ISOMETRIC SWT - SERVICE WATER TREATMENT	DRWG	0SWT6023-1			2/1/2012			2/6/2012	12/20/11	12/20/11						AT			Approved
	SMALL BORE FABRICATION ISOMETRIC SWT - SERVICE WATER TREATMENT	DRWG	0SWT6017-1			2/1/2012			2/6/2012	12/20/11	12/20/11						AT			Approved
MECH-1-14.0	LARGE BORE FABRICATION ISOMETRIC FGS - FUEL GAS	DRWG	0FGS6001-1	10/13/11	10/13/11					11/15/11	11/15/11	1/23/2012			3/5/2012		AT			Approved
	LARGE BORE FABRICATION ISOMETRIC FGS - FUEL GAS	DRWG	0FGS6002-1	10/13/11	10/13/11					11/15/11	11/15/11	1/23/2012			3/5/2012		AT			Approved
	LARGE BORE FABRICATION ISOMETRIC FGS - FUEL GAS	DRWG	0FGS6003-1	10/13/11	10/13/11					11/15/11	11/15/11	1/23/2012			3/5/2012		AT			Approved
	LARGE BORE FABRICATION ISOMETRIC FGS - FUEL GAS	DRWG	0FGS6004-1	10/13/11	10/13/11					11/15/11	11/15/11	1/23/2012			3/5/2012		AT			Approved
	LARGE BORE FABRICATION ISOMETRIC FGS - FUEL GAS	DRWG	0FGS6006-1	10/13/11	10/13/11					11/15/11	11/15/11	1/23/2012		5/31/2012	6/6/2012		AT			Approved
	LARGE BORE FABRICATION ISOMETRIC FGS - FUEL GAS	DRWG	0FGS6008-1	10/13/11	10/13/11					11/15/11	11/15/11	1/23/2012			3/5/2012		AT			Approved
	LARGE BORE FABRICATION ISOMETRIC FGS - FUEL GAS	DRWG	0FGS6009-1	10/13/11	10/13/11					11/15/11	11/15/11	1/23/2012			3/5/2012		AT			Approved
	LARGE BORE FABRICATION ISOMETRIC FGS - FUEL GAS	DRWG	0FGS6010-1	10/13/11	10/13/11					11/15/11	11/15/11	1/23/2012		5/31/2012	6/6/2012		AT			Approved
	LARGE BORE FABRICATION ISOMETRIC FGS - FUEL GAS	DRWG	0FGS6011-1	10/13/11	10/13/11					11/15/11	11/15/11	1/23/2012			3/5/2012		AT			Approved
	LARGE BORE FABRICATION ISOMETRIC FGS - FUEL GAS	DRWG	0FGS6012-1	10/13/11	10/13/11					11/15/11	11/15/11	1/23/2012		5/31/2012	6/6/2012		AT			Approved
	LARGE BORE FABRICATION ISOMETRIC FGS - FUEL GAS	DRWG	0FGS6013-1	10/13/11	10/13/11					11/15/11	11/15/11	1/23/2012			3/5/2012		AT			Approved
	LARGE BORE FABRICATION ISOMETRIC FGS - FUEL GAS	DRWG	0FGS6014-1	10/13/11	10/13/11					11/15/11	11/15/11	1/23/2012			3/5/2012		AT			Approved
	LARGE BORE FABRICATION ISOMETRIC FGS - FUEL GAS	DRWG	0FGS6015-1	10/13/11	10/13/11					11/15/11	11/15/11	1/23/2012			3/5/2012		AT			Approved
	LARGE BORE FABRICATION ISOMETRIC FGS - FUEL GAS	DRWG	0FGS6016-1	10/13/11	10/13/11					11/15/11	11/15/11	1/23/2012		5/31/2012	6/6/2012		AT			Approved
	LARGE BORE FABRICATION ISOMETRIC FGS - FUEL GAS	DRWG	0FGS6016-2	10/13/11	10/13/11					11/15/11	11/15/11	1/23/2012		5/31/2012	6/6/2012		AT			Approved
	LARGE BORE FABRICATION ISOMETRIC FGS - FUEL GAS	DRWG	0FGS6020-1	10/13/11	10/13/11					11/15/11	11/15/11	1/23/2012		5/31/2012	6/6/2012		AT			Approved
	LARGE BORE FABRICATION ISOMETRIC FGS - FUEL GAS	DRWG	0FGS6022-1	10/13/11	10/13/11					11/15/11	11/15/11	1/23/2012		5/31/2012	6/6/2012		AT			Approved
	LARGE BORE FABRICATION ISOMETRIC FGS - FUEL GAS	DRWG	0FGS6024-1	10/13/11	10/13/11					11/15/11	11/15/11	1/23/2012		5/31/2012	6/6/2012		AT			Approved
	LARGE BORE FABRICATION ISOMETRIC FGS - FUEL GAS	DRWG	0FGS6025-1	10/13/11	10/13/11					11/15/11	11/15/11	1/23/2012			3/5/2012		AT			Approved
	LARGE BORE FABRICATION ISOMETRIC FGS - FUEL GAS	DRWG	0FGS6029-1	10/13/11	10/13/11					11/15/11	11/15/11	1/23/2012		5/31/2012	6/6/2012		AT			Approved
	LARGE BORE FABRICATION ISOMETRIC FGS - FUEL GAS	DRWG	0FGS6031-1	10/13/11	10/13/11					11/15/11	11/15/11	1/23/2012		5/31/2012	6/6/2012		AT			Approved
	LARGE BORE FABRICATION ISOMETRIC FGS - FUEL GAS	DRWG	0FGS6032-1	10/13/11	10/13/11					11/15/11	11/15/11	1/23/2012		5/31/2012	6/6/2012		AT			Approved
	LARGE BORE FABRICATION ISOMETRIC FGS - FUEL GAS	DRWG	0FGS6033-1	10/13/11	10/13/11					11/15/11	11/15/11	1/23/2012			3/5/2012		AT			Approved
	LARGE BORE FABRICATION ISOMETRIC FGS - FUEL GAS	DRWG	0FGS6036-1	10/13/11	10/13/11					11/15/11	11/15/11	1/23/2012			3/5/2012		AT			Approved
	LARGE BORE FABRICATION ISOMETRIC FGS - FUEL GAS	DRWG	0FGS6038-1	10/13/11	10/13/11					11/15/11	11/15/11	1/23/2012		5/31/2012	6/6/2012		AT			Approved
	LARGE BORE FABRICATION ISOMETRIC FGS - FUEL GAS	DRWG	0FGS6041-1	10/13/11	10/13/11					11/15/11	11/15/11	1/23/2012		5/31/2012	6/6/2012		AT			Approved
	LARGE BORE FABRICATION ISOMETRIC FGS - FUEL GAS	DRWG	0FGS6042-1	10/13/11	10/13/11					11/15/11	11/15/11	1/23/2012		5/31/2012	6/6/2012		AT			Approved
	LARGE BORE FABRICATION ISOMETRIC FGS - FUEL GAS	DRWG	0FGS6043-1	10/13/11	10/13/11					11/15/11	11/15/11	1/23/2012		5/31/2012	6/6/2012		AT			Approved
	LARGE BORE FABRICATION ISOMETRIC FGS - FUEL GAS	DRWG	0FGS6044-1	10/13/11	10/13/11					11/15/11	11/15/11	1/23/2012			3/5/2012		AT			Approved
	LARGE BORE FABRICATION ISOMETRIC FGS - FUEL GAS	DRWG	0FGS6046-1	10/13/11	10/13/11					11/15/11	11/15/11	1/23/2012		5/31/2012	6/6/2012		AT			Approved
	LARGE BORE FABRICATION ISOMETRIC FGS - FUEL GAS	DRWG	0FGS6048-1	10/13/11	10/13/11					11/15/11	11/15/11	1/23/2012			3/5/2012		AT			Approved
	LARGE BORE FABRICATION ISOMETRIC FGS - FUEL GAS	DRWG	0FGS6049-1	10/13/11	10/13/11					11/15/11	11/15/11	1/23/2012			3/5/2012		AT			Approved
	LARGE BORE FABRICATION ISOMETRIC FGS - FUEL GAS	DRWG	0FGS6050-1	10/13/11	10/13/11					11/15/11	11/15/11	1/23/2012			3/5/2012		AT			Approved
	LARGE BORE FABRICATION ISOMETRIC FGS - FUEL GAS	DRWG	0FGS6051-1	10/13/11	10/13/11					11/15/11	11/15/11	1/23/2012		5/31/2012	6/6/2012		AT			Approved
	LARGE BORE FABRICATION ISOMETRIC FGS - FUEL GAS	DRWG	0FGS6052-1	10/13/11	10/13/11					11/15/11	11/15/11	1/23/2012			3/5/2012		AT			Approved
	LARGE BORE FABRICATION ISOMETRIC FGS - FUEL GAS	DRWG	0FGS6056-1	10/13/11	10/13/11					11/15/11	11/15/11	1/23/2012			3/5/2012		AT			Approved
	LARGE BORE FABRICATION ISOMETRIC FGS - FUEL GAS	DRWG	0FGS6057-1	10/13/11	10/13/11					11/15/11	11/15/11	1/23/2012		5/31/2012	6/6/2012		AT			Approved
	LARGE BORE FABRICATION ISOMETRIC FGS - FUEL GAS	DRWG	0FGS6064-1	10/13/11	10/13/11					11/15/11	11/15/11	1/23/2012		5/31/2012	6/6/2012		AT			Approved
	LARGE BORE FABRICATION ISOMETRIC FGS - FUEL GAS	DRWG	0FGS6065-1	10/13/11	10/13/11					11/15/11	11/15/11	1/23/2012			3/5/2012		AT			Approved
	LARGE BORE FABRICATION ISOMETRIC FGS - FUEL GAS	DRWG	0FGS6067-1	10/13/11	10/13/11					11/15/11	11/15/11	1/23/2012		5/31/2012	6/6/2012		AT			Approved
	LARGE BORE FABRICATION ISOMETRIC FGS - FUEL GAS	DRWG	0FGS6068-1	10/13/11	10/13/11					11/15/11	11/15/11	1/23/2012			3/5/2012		AT			Approved
	LARGE BORE FABRICATION ISOMETRIC FGS - FUEL GAS	DRWG	1FGS1003-1	10/13/11	10/13/11					11/15/11	11/15/11	1/23/2012		5/31/2012	6/6/2012		AT			Approved
	LARGE BORE FABRICATION ISOMETRIC FGS - FUEL GAS	DRWG	1FGS1004-1	10/13/11	10/13/11					11/15/11	11/15/11	1/23/2012			3/5/2012		AT			Approved
	LARGE BORE FABRICATION ISOMETRIC FGS - FUEL GAS	DRWG	1FGS1009-1	10/13/11	10/13/11					11/15/11	11/15/11	1/23/2012		5/31/2012	6/6/2012		AT			Approved
	LARGE BORE FABRICATION ISOMETRIC FGS - FUEL GAS	DRWG	1FGS1010-1	10/13/11	10/13/11					11/15/11	11/15/11	1/23/2012		5/31/2012	6/6/2012		AT			Approved
	LARGE BORE FABRICATION ISOMETRIC FGS - FUEL GAS	DRWG	1FGS1012-1	10/13/11	10/13/11					11/15/11	11/15/11	1/23/2012		5/31/2012	6/6/2012		AT			Approved
	LARGE BORE FABRICATION ISOMETRIC FGS - FUEL GAS	DRWG	2FGS2003-1	10/13/11	10/13/11					11/15/11	11/15/11	1/23/2012		5/31/2012	6/6/2012		AT			Approved
	LARGE BORE FABRICATION ISOMETRIC FGS - FUEL GAS	DRWG	2FSG2004-1	10/13/11	10/13/11					11/15/11	11/15/11	1/23/2012			3/5/2012		AT			Approved
	LARGE BORE FABRICATION ISOMETRIC FGS - FUEL GAS	DRWG	2FGS2009-1	10/13/11	10/13/11					11/15/11	11/15/11	1/23/2012		5/31/2012	6/6/2012		AT			Approved
	LARGE BORE FABRICATION ISOMETRIC FGS - FUEL GAS	DRWG	2FGS2010-1	10/13/11	10/13/11					11/15/11	11/15/11	1/23/2012		5/31/2012	6/6/2012		AT			Approved
	LARGE BORE FABRICATION ISOMETRIC FGS - FUEL GAS	DRWG	2FGS2012-1	10/13/11	10/13/11					11/15/11	11/15/11	1/23/2012		5/31/2012	6/6/2012		AT			Approved
	LARGE BORE FABRICATION ISOMETRIC FGS - FUEL GAS	DRWG	3FGS3003-1	10/13/11	10/13/11					11/15/11	11/15/11	1/23/2012			6/6/2012		AT			Approved
	LARGE BORE FABRICATION ISOMETRIC FGS - FUEL GAS	DRWG	3FSG3004-1	10/13/11	10/13/11					11/15/11	11/15/11	1/23/2012			3/5/2012		AT			Approved
	LARGE BORE FABRICATION ISOMETRIC FGS - FUEL GAS	DRWG	3FGS3009-1	10/13/11	10/13/11					11/15/11	11/15/11	1/23/2012		5/31/2012	6/6/2012		AT			Approved
	LARGE BORE FABRICATION ISOMETRIC FGS - FUEL GAS	DRWG	3FGS3010-1	10/13/11	10/13/11					11/15/11	11/15/11	1/23/2012		5/31/2012	6/6/2012		AT			Approved
	LARGE BORE FABRICATION ISOMETRIC FGS - FUEL GAS	DRWG	3FGS3012-1	10/13/11	10/13/11					11/15/11	11/15/11	1/23/2012		5/31/2012	6/6/2012		AT			Approved
	LARGE BORE FABRICATION ISOMETRIC FGS - FUEL GAS	DRWG	4FGS4003-1	10/13/11	10/13/11					11/15/11	11/15/11	1/23/2012		5/31/2012	6/6/2012		AT			Approved
	LARGE BORE FABRICATION ISOMETRIC FGS - FUEL GAS	DRWG	4FSG4004-1	10/13/11	10/13/11					11/15/11	11/15/11	1/23/2012			3/5/2012		AT			Approved

	LARGE BORE FABRICATION ISOMETRIC FGS - FUEL GAS	DRWG	4FGS4009-1	10/13/11	10/13/11					11/15/11	11/15/11	1/23/2012		5/31/2012	6/6/2012		AT			Approved
	LARGE BORE FABRICATION ISOMETRIC FGS - FUEL GAS	DRWG	4FGS4010-1	10/13/11	10/13/11					11/15/11	11/15/11	1/23/2012		5/31/2012	6/6/2012		AT			Approved
	LARGE BORE FABRICATION ISOMETRIC FGS - FUEL GAS	DRWG	4FGS4012-1	10/13/11	10/13/11					11/15/11	11/15/11	1/23/2012		5/31/2012	6/6/2012		AT			Approved
MECH-1-15.0	SMALL BORE FABRICATION ISOMETRIC FGS - FUEL GAS	DRWG	0FGS6040-1							12/10/11	12/10/11	2/28/2012			3/8/2012		AT			Approved
	SMALL BORE FABRICATION ISOMETRIC FGS - FUEL GAS	DRWG	0FGS6069-1							12/10/11	12/10/11	2/28/2012			3/8/2012		AT			Approved
	SMALL BORE FABRICATION ISOMETRIC FGS - FUEL GAS	DRWG	0FGS6066-1							12/10/11	12/10/11	2/28/2012			3/8/2012		AT			Approved
	SMALL BORE FABRICATION ISOMETRIC FGS - FUEL GAS	DRWG	0FGS6063-1							12/10/11	12/10/11	2/28/2012			3/8/2012		AT			Approved
	SMALL BORE FABRICATION ISOMETRIC FGS - FUEL GAS	DRWG	0FGS6062-1							12/10/11	12/10/11	2/28/2012			3/8/2012		AT			Approved
	SMALL BORE FABRICATION ISOMETRIC FGS - FUEL GAS	DRWG	0FGS6061-1							12/10/11	12/10/11	2/28/2012			3/8/2012		AT			Approved
	SMALL BORE FABRICATION ISOMETRIC FGS - FUEL GAS	DRWG	0FGS6060-1							12/10/11	12/10/11	2/28/2012			3/8/2012		AT			Approved
	SMALL BORE FABRICATION ISOMETRIC FGS - FUEL GAS	DRWG	0FGS6059-1							12/10/11	12/10/11	2/28/2012			3/8/2012		AT			Approved
	SMALL BORE FABRICATION ISOMETRIC FGS - FUEL GAS	DRWG	0FGS6058-1							12/10/11	12/10/11	2/28/2012			3/8/2012		AT			Approved
	SMALL BORE FABRICATION ISOMETRIC FGS - FUEL GAS	DRWG	0FGS6054-1							12/10/11	12/10/11	2/28/2012			3/8/2012		AT			Approved
	SMALL BORE FABRICATION ISOMETRIC FGS - FUEL GAS	DRWG	0FGS6053-1							12/10/11	12/10/11	2/28/2012			3/8/2012		AT			Approved
	SMALL BORE FABRICATION ISOMETRIC FGS - FUEL GAS	DRWG	0FGS6017-1							12/10/11	12/10/11	2/28/2012			3/8/2012		AT			Approved
	SMALL BORE FABRICATION ISOMETRIC FGS - FUEL GAS	DRWG	0FGS6045-1							12/10/11	12/10/11	2/28/2012			3/8/2012		AT			Approved
	SMALL BORE FABRICATION ISOMETRIC FGS - FUEL GAS	DRWG	0FGS6072-1							12/10/11	12/10/11	2/28/2012			3/8/2012		AT			Approved
	SMALL BORE FABRICATION ISOMETRIC FGS - FUEL GAS	DRWG	0FGS6039-1							12/10/11	12/10/11	2/28/2012			3/8/2012		AT			Approved
	SMALL BORE FABRICATION ISOMETRIC FGS - FUEL GAS	DRWG	0FGS6037-1							12/10/11	12/10/11	2/28/2012			3/8/2012		AT			Approved
	SMALL BORE FABRICATION ISOMETRIC FGS - FUEL GAS	DRWG	0FGS6035-1							12/10/11	12/10/11	2/28/2012			3/8/2012		AT			Approved
	SMALL BORE FABRICATION ISOMETRIC FGS - FUEL GAS	DRWG	0FGS6034-1							12/10/11	12/10/11	2/28/2012			3/8/2012		AT			Approved
	SMALL BORE FABRICATION ISOMETRIC FGS - FUEL GAS	DRWG	0FGS6028-1							12/10/11	12/10/11	2/28/2012			3/8/2012		AT			Approved
	SMALL BORE FABRICATION ISOMETRIC FGS - FUEL GAS	DRWG	0FGS6027-1							12/10/11	12/10/11	2/28/2012			3/8/2012		AT			Approved
	SMALL BORE FABRICATION ISOMETRIC FGS - FUEL GAS	DRWG	0FGS6026-1							12/10/11	12/10/11	2/28/2012			3/8/2012		AT			Approved
	SMALL BORE FABRICATION ISOMETRIC FGS - FUEL GAS	DRWG	0FGS6021-1							12/10/11	12/10/11	2/28/2012			3/8/2012		AT			Approved
	SMALL BORE FABRICATION ISOMETRIC FGS - FUEL GAS	DRWG	0FGS6019-1							12/10/11	12/10/11	2/28/2012			3/8/2012		AT			Approved
	SMALL BORE FABRICATION ISOMETRIC FGS - FUEL GAS	DRWG	0FGS6018-1							12/10/11	12/10/11	2/28/2012			3/8/2012		AT			Approved
	SMALL BORE FABRICATION ISOMETRIC FGS - FUEL GAS	DRWG	0FGS6047-1							12/10/11	12/10/11	2/28/2012			3/8/2012		AT			Approved
	SMALL BORE FABRICATION ISOMETRIC FGS - FUEL GAS	DRWG	2FGS2002-1							12/10/11	12/10/11	2/28/2012			3/8/2012		AT			Approved
	SMALL BORE FABRICATION ISOMETRIC FGS - FUEL GAS	DRWG	4FGS4005-1							12/10/11	12/10/11	2/28/2012			3/8/2012		AT			Approved
	SMALL BORE FABRICATION ISOMETRIC FGS - FUEL GAS	DRWG	4FGS4006-1							12/10/11	12/10/11	2/28/2012			3/8/2012		AT			Approved
	SMALL BORE FABRICATION ISOMETRIC FGS - FUEL GAS	DRWG	4FGS4005-1							12/10/11	12/10/11	2/28/2012			3/8/2012		AT			Approved
	SMALL BORE FABRICATION ISOMETRIC FGS - FUEL GAS	DRWG	4FGS4002-1							12/10/11	12/10/11	2/28/2012			3/8/2012		AT			Approved
	SMALL BORE FABRICATION ISOMETRIC FGS - FUEL GAS	DRWG	4FGS4001-1							12/10/11	12/10/11	2/28/2012			3/8/2012		AT			Approved
	SMALL BORE FABRICATION ISOMETRIC FGS - FUEL GAS	DRWG	3FGS3011-1							12/10/11	12/10/11	2/28/2012			3/8/2012		AT			Approved
	SMALL BORE FABRICATION ISOMETRIC FGS - FUEL GAS	DRWG	3FGS3006-1							12/10/11	12/10/11	2/28/2012			3/8/2012		AT			Approved
	SMALL BORE FABRICATION ISOMETRIC FGS - FUEL GAS	DRWG	3FGS3005-1							12/10/11	12/10/11	2/28/2012			3/8/2012		AT			Approved
	SMALL BORE FABRICATION ISOMETRIC FGS - FUEL GAS	DRWG	3FGS3002-1							12/10/11	12/10/11	2/28/2012			3/8/2012		AT			Approved
	SMALL BORE FABRICATION ISOMETRIC FGS - FUEL GAS	DRWG	3FGS3001-1							12/10/11	12/10/11	2/28/2012			3/8/2012		AT			Approved
	SMALL BORE FABRICATION ISOMETRIC FGS - FUEL GAS	DRWG	2FGS2011-1							12/10/11	12/10/11	2/28/2012			3/8/2012		AT			Approved
	SMALL BORE FABRICATION ISOMETRIC FGS - FUEL GAS	DRWG	0FGS6070-1							12/10/11	12/10/11	2/28/2012			3/8/2012		AT			Approved
	SMALL BORE FABRICATION ISOMETRIC FGS - FUEL GAS	DRWG	2FGS2005-1							12/10/11	12/10/11	2/28/2012			3/8/2012		AT			Approved
	SMALL BORE FABRICATION ISOMETRIC FGS - FUEL GAS	DRWG	0FGS6071-1							12/10/11	12/10/11	2/28/2012			3/8/2012		AT			Approved
	SMALL BORE FABRICATION ISOMETRIC FGS - FUEL GAS	DRWG	2FGS2001-1							12/10/11	12/10/11	2/28/2012			3/8/2012		AT			Approved
	SMALL BORE FABRICATION ISOMETRIC FGS - FUEL GAS	DRWG	1FGS1011-1							12/10/11	12/10/11	2/28/2012			3/8/2012		AT			Approved
	SMALL BORE FABRICATION ISOMETRIC FGS - FUEL GAS	DRWG	1FGS1006-1							12/10/11	12/10/11	2/28/2012			3/8/2012		AT			Approved
	SMALL BORE FABRICATION ISOMETRIC FGS - FUEL GAS	DRWG	1FGS1005-1							12/10/11	12/10/11	2/28/2012			3/8/2012		AT			Approved
	SMALL BORE FABRICATION ISOMETRIC FGS - FUEL GAS	DRWG	1FGS1002-1							12/10/11	12/10/11	2/28/2012			3/8/2012		AT			Approved
	SMALL BORE FABRICATION ISOMETRIC FGS - FUEL GAS	DRWG	1FGS1001-1							12/10/11	12/10/11	2/28/2012			3/8/2012		AT			Approved
	SMALL BORE FABRICATION ISOMETRIC FGS - FUEL GAS	DRWG	0FGS6081-1							12/10/11	12/10/11	2/28/2012			3/8/2012		AT			Approved
	SMALL BORE FABRICATION ISOMETRIC FGS - FUEL GAS	DRWG	0FGS6080-1							12/10/11	12/10/11	2/28/2012			3/8/2012		AT			Approved
	SMALL BORE FABRICATION ISOMETRIC FGS - FUEL GAS	DRWG	0FGS6079-1							12/10/11	12/10/11	2/28/2012			3/8/2012		AT			Approved
	SMALL BORE FABRICATION ISOMETRIC FGS - FUEL GAS	DRWG	0FGS6073-1							12/10/11	12/10/11	2/28/2012			3/8/2012		AT			Approved
	SMALL BORE FABRICATION ISOMETRIC FGS - FUEL GAS	DRWG	4FGS4011-1							12/10/11	12/10/11	2/28/2012			3/8/2012		AT			Approved
	SMALL BORE FABRICATION ISOMETRIC FGS - FUEL GAS	DRWG	2FGS2006-1							12/10/11	12/10/11	2/28/2012			3/8/2012		AT			Approved
MECH-1-16.0	~~COLD LARGE BORE PIPE SUPPORT DIMENSIONAL DATA REPORT~~	~~DRWG~~	~~FPS-PSCL-1~~	~~08/16/11~~	~~08/16/11~~					~~09/19/11~~	~~09/19/11~~	~~10/31/2011~~								
	LARGE BORE FABRICATION ISOMETRIC FIRE PROTECTION	DRWG	0FPS6002-1	08/16/11	08/16/11					09/19/11	09/19/11	10/31/2011		5/31/2012	6/6/2012		AT			Approved
	LARGE BORE FABRICATION ISOMETRIC FIRE PROTECTION	DRWG	0FPS6001-1	08/16/11	08/16/11					09/19/11	09/19/11	10/31/2011		5/31/2012	6/6/2012		AT			Approved
	~~LARGE BORE FABRICATION ISOMETRIC FPS - FIRE PROTECTION PIPING~~	~~DRWG~~	~~FPS103-1~~	~~08/16/11~~	~~08/16/11~~					~~09/19/11~~	~~09/19/11~~									
MECH-1-17.0	GENERAL ARRANGEMENT KEYPLAN	DRWG	GA-0000	09/24/11	09/24/11					11/05/11	11/05/11	2/13/2012			3/5/2012		AT			Approved
	GENERAL ARRANGEMENT	DRWG	GA-0110	09/24/11	09/24/11					11/05/11	11/05/11	2/13/2012			3/5/2012		AT			Approved
	GENERAL ARRANGEMENT	DRWG	GA-0120	09/24/11	09/24/11					11/05/11	11/05/11	2/13/2012			3/5/2012		AT			Approved
	GENERAL ARRANGEMENT	DRWG	GA-0130	09/24/11	09/24/11					11/05/11	11/05/11	2/13/2012			3/5/2012		AT			Approved
	GENERAL ARRANGEMENT	DRWG	GA-0210	09/24/11	09/24/11					11/05/11	11/05/11	2/13/2012			3/5/2012		AT			Approved
	GENERAL ARRANGEMENT	DRWG	GA-0220	09/24/11	09/24/11					11/05/11	11/05/11	2/13/2012			3/5/2012		AT			Approved
	GENERAL ARRANGEMENT	DRWG	GA-0230	09/24/11	09/24/11					11/05/11	11/05/11	2/13/2012			3/5/2012		AT			Approved
	GENERAL ARRANGEMENT	DRWG	GA-0240	09/24/11	09/24/11					11/05/11	11/05/11	2/13/2012			3/5/2012		AT			Approved
	GENERAL ARRANGEMENT	DRWG	GA-0320	09/24/11	09/24/11					11/05/11	11/05/11	2/13/2012			3/5/2012		AT			Approved
	GENERAL ARRANGEMENT	DRWG	GA-0330	09/24/11	09/24/11					11/05/11	11/05/11	2/13/2012			3/5/2012		AT			Approved
	GENERAL ARRANGEMENT	DRWG	GA-0340	09/24/11	09/24/11					11/05/11	11/05/11	2/13/2012			3/5/2012		AT			Approved
	GENERAL ARRANGEMENT	DRWG	GA-0420	09/24/11	09/24/11					11/05/11	11/05/11	2/13/2012			3/5/2012		AT			Approved
	GENERAL ARRANGEMENT	DRWG	GA-0430	09/24/11	09/24/11					11/05/11	11/05/11	2/13/2012			3/5/2012		AT			Approved
	GENERAL ARRANGEMENT	DRWG	GA-0440	09/24/11	09/24/11					11/05/11	11/05/11	2/13/2012			3/5/2012		AT			Approved
	GENERAL ARRANGEMENT	DRWG	GA-0450	09/24/11	09/24/11					11/05/11	11/05/11	2/13/2012			3/5/2012		AT			Approved
	GENERAL ARRANGEMENT	DRWG	GA-0460	09/24/11	09/24/11					11/05/11	11/05/11	2/13/2012			3/5/2012		AT			Approved
MECH-1-18.0	LARGE BORE FABRICATION ISOMETRIC INA - INSTRUMENT AIR	DRWG	0INA6024-1	09/13/11	09/13/11					10/17/11	10/17/11	1/10/2012			1/25/2012		AT			Approved
	LARGE BORE FABRICATION ISOMETRIC INA - INSTRUMENT AIR	DRWG	0INA6025-1	09/13/11	09/13/11					10/17/11	10/17/11	1/10/2012			1/25/2012		AT			Approved

	LARGE BORE FABRICATION ISOMETRIC INA - INSTRUMENT AIR	DRWG	0INA6026-1	09/13/11	09/13/11					10/17/11	10/17/11	1/10/2012			1/25/2012		AT			Approved
	LARGE BORE FABRICATION ISOMETRIC INA - INSTRUMENT AIR	DRWG	0INA6027-1	09/13/11	09/13/11					10/17/11	10/17/11	1/10/2012			1/25/2012		AT			Approved
	LARGE BORE FABRICATION ISOMETRIC INA - INSTRUMENT AIR	DRWG	0INA6028-1	09/13/11	09/13/11					10/17/11	10/17/11	1/10/2012			1/25/2012		AT			Approved
	LARGE BORE FABRICATION ISOMETRIC INA - INSTRUMENT AIR	DRWG	0INA6029-1	09/13/11	09/13/11					10/17/11	10/17/11	1/10/2012			1/25/2012		AT			Approved
	LARGE BORE FABRICATION ISOMETRIC INA - INSTRUMENT AIR	DRWG	0INA6031-1	09/13/11	09/13/11					10/17/11	10/17/11	1/10/2012			1/25/2012		AT			Approved
	LARGE BORE FABRICATION ISOMETRIC INA - INSTRUMENT AIR	DRWG	0INA6034-1	09/13/11	09/13/11					10/17/11	10/17/11	1/10/2012			1/25/2012		AT			Approved
	LARGE BORE FABRICATION ISOMETRIC INA - INSTRUMENT AIR	DRWG	0INA6035-1	09/13/11	09/13/11					10/17/11	10/17/11	1/10/2012		6/13/2012	6/21/2012		AT			Approved
	LARGE BORE FABRICATION ISOMETRIC INA - INSTRUMENT AIR	DRWG	0INA6036-1	09/13/11	09/13/11					10/17/11	10/17/11	1/10/2012		6/13/2012	6/21/2012		AT			Approved
	LARGE BORE FABRICATION ISOMETRIC INA - INSTRUMENT AIR	DRWG	0INA6041-1	09/13/11	09/13/11					10/17/11	10/17/11	1/10/2012		6/13/2012	6/21/2012		AT			Approved
	LARGE BORE FABRICATION ISOMETRIC INA - INSTRUMENT AIR	DRWG	0INA6042-1	09/13/11	09/13/11					10/17/11	10/17/11	1/10/2012			1/25/2012		AT			Approved
	LARGE BORE FABRICATION ISOMETRIC INA - INSTRUMENT AIR	DRWG	0INA6047-1	09/13/11	09/13/11					10/17/11	10/17/11	1/10/2012			1/25/2012		AT			Approved
	LARGE BORE FABRICATION ISOMETRIC INA - INSTRUMENT AIR	DRWG	0INA6113-1	09/13/11	09/13/11					10/17/11	10/17/11	1/10/2012			1/25/2012		AT			Approved
	~~LARGE BORE FABRICATION ISOMETRIC INA - INSTRUMENT AIR~~	~~DRWG~~	~~0INA6096-1~~	~~09/13/11~~	~~09/13/11~~					10/17/11	10/17/11									
MECH-1-19.0	MECHANICAL STANDARD PIPING LEGEND	DRWG	LG-001	07/26/11	07/26/11					09/06/11	09/06/11	5/12/2011		8/16/2011	9/13/2011		AT			Approved
	MECHANICAL DETAILS VENTS & DRAINS	DRWG	MD-110	07/26/11	07/26/11					09/06/11	09/06/11	10/31/2011			11/10/2011		AT			Approved
MECH-1-20.0	MECHANICAL UNDERGROUND PIPING DETAILS	DRWG	MD-001	07/26/11	07/26/11	4/12/2011	5/5/2011			09/06/11	09/06/11	5/12/2011		10/31/2011	11/10/2011		AT			Approved
~~**MECH-1-20.1**~~	~~MECHANICAL UNDERGROUND PIPING DETAILS~~	~~DRWG~~	~~MD-002~~	~~07/26/11~~	~~07/26/11~~					~~09/06/11~~	~~09/06/11~~									
MECH-1-21.0	MECHANICAL ABOVE GROUND PIPING DETAILS	DRWG	MD-100	11/10/11	11/10/11					01/20/12	01/20/12	10/31/2011			11/9/2011		AT			Approved
MECH-1-22.0	MECHANICAL STANDARD COLD PIPE SUPPORT DETAILS LATERAL SEISMIC FORCE = 0.4 DEAD LOAD	DRWG	MD-210	11/10/11	11/10/11					01/20/12	01/20/12	3/30/2012	6/29/2012	5/18/2012			AT			Comments
	MECHANICAL STANDARD COLD PIPE SUPPORT DETAILS LATERAL SEISMIC FORCE = 0.4 DEAD LOAD	DRWG	MD-211	11/10/11	11/10/11					01/20/12	01/20/12	3/30/2012	6/29/2012	5/18/2012			AT			Comments
MECH-1-22.1	MD CALCULATIONS FOR TYPICAL COLD SUPPORTS	CALC	942A-01									5/18/2012					AT			Submitted
MECH-1-23.0	MECHANICAL STANDARD COLD SMALL BORE PIPE SUPPORT DETAILS - DO NOT ISSUE UNTIL APPROVED BY JASON	DRWG	MD-220	11/10/11	11/10/11					01/20/12	01/20/12						AT			
MECH-1-24.0	PLOT PLAN (REFERENCE)	DRWG	PP-001			6/24/2011			7/1/2011	02/18/11	2/18/2011						AT			Approved
MECH-1-25.0	PIPING AND INSTRUMENTATION DIAGRAM KPE DRAWING INDEX	DRWG	PS-000			7/7/2011			7/25/2011	08/19/11	08/19/11	10/28/2011			12/1/2011		AT			Approved
	PIPING AND INSTRUMENTATION DIAGRAM KPE DRAWING INDEX	DRWG	PS-001			7/7/2011				08/19/11	08/19/11	10/28/2011		5/29/2012	6/26/2012		AT			Approved
MECH-1-26.0	PIPING AND INSTRUMENTATION DIAGRAM DRAWING LEGEND	DRWG	PS-010	06/10/11		7/7/2011			7/25/2011	08/19/11		10/28/2011		5/29/2012	6/26/2012		AT			Approved
	PIPING AND INSTRUMENTATION DIAGRAM DRAWING LEGEND	DRWG	PS-011	06/10/11		7/7/2011			7/25/2011	08/19/11		10/28/2011			11/10/2011		AT			Approved
MECH-1-27.0	PIPING AND INSTRUMENTATION DIAGRAM CTP - MISCELLANEOUS COMBUSTION TURBINE PIPING	DRWG	PS-330	05/19/11	05/19/11	7/7/2011			7/25/2011	07/28/11	07/28/11	11/15/2011		5/29/2012	6/6/2012		AT			Approved
	PIPING AND INSTRUMENTATION DIAGRAM CTP - MISCELLANEOUS COMBUSTION TURBINE PIPING	DRWG	PS-331	05/19/11	05/19/11	7/7/2011			7/25/2011	07/28/11	07/28/11	11/15/2011		5/29/2012	6/6/2012		AT			Approved
	PIPING AND INSTRUMENTATION DIAGRAM CTP - MISCELLANEOUS COMBUSTION TURBINE PIPING	DRWG	PS-332	05/19/11	05/19/11	7/7/2011			7/25/2011	07/28/11	07/28/11	11/15/2011		5/29/2012	6/6/2012		AT			Approved
	PIPING AND INSTRUMENTATION DIAGRAM CTP - MISCELLANEOUS COMBUSTION TURBINE PIPING	DRWG	PS-333	05/19/11	05/19/11	7/7/2011			7/25/2011	07/28/11	07/28/11	11/15/2011		5/29/2012	6/6/2012		AT			Approved
MECH-1-27.1	GAS TURBINE AXULIARIES P AND ID	V DRWG	201-PD-0002-01			7/8/2011			7/29/2011								AT			Approved
	ENGINEERING SPECIFICATION CUSTOMER PIPING CONNECTION PROCESS INFORMATION	V DRWG	201-SP-0014-001			7/8/2011			7/29/2011								AT			Approved
	CT DRAIN TANK DETAIL DRAWING	V DRWG	441-ME-0004-01			7/8/2011			7/29/2011								AT			Approved
MECH-1-28.0	PIPING AND INSTRUMENTATION DIAGRAM RWS - RAW WATER	DRWG	PS-360	05/25/11	05/25/11	7/7/2011	7/28/2011			08/03/11	08/03/11	11/22/2011		5/29/2012	6/6/2012		AT			Approved
MECH-1-28.1	RAW WATER GENERAL ARRANGEMENT DRAWING	V DRWG	550-GA-0003-01			7/7/2011			7/28/2011								AT			Approved
MECH-1-29.0	PIPING AND INSTRUMENTATION DIAGRAM SWT - SERVICE WATER TREATMENT	DRWG	PS-375	05/25/11	05/25/11	7/7/2011			7/25/2011	08/03/11	08/03/11	12/27/2011		5/29/2012	6/6/2012		AT			Approved
	PIPING AND INSTRUMENTATION DIAGRAM SWT - SERVICE WATER TREATMENT	DRWG	PS-376	05/25/11	05/25/11	7/7/2011			7/25/2011	08/03/11	08/03/11	12/27/2011		5/29/2012	6/6/2012		AT			Approved
	PIPING AND INSTRUMENTATION DIAGRAM SWT - SERVICE WATER TREATMENT	DRWG	PS-377	05/25/11	05/25/11	7/7/2011			7/25/2011	08/03/11	08/03/11	12/27/2011		5/29/2012	6/6/2012		AT			Approved
MECH-1-29.1	PROCESS AND INSTRUMENTATION DIAGRAM UF FEED SKID	V DRWG	401-PD-0001-01			7/7/2011			7/25/2011								AT			Approved
	PROCESS AND INSTRUMENTATION DIAGRAM UF BREAK TANK	V DRWG	401-PD-0005-01			7/7/2011			7/25/2011								AT			Approved
	PROCESS AND INSTRUMENTATION DIAGRAM UF FORWARDING SKID	V DRWG	401-PD-0007-01			7/7/2011			7/25/2011								AT			Approved
	PROCESS AND INSTRUMENTATION DIAGRAM REVERSE OSMOSIS UNITS	V DRWG	401-PD-0009-01			7/7/2011			7/25/2011								AT			Approved
	PROCESS AND INSTRUMENTATION DIAGRAM UF BACKWASH SKID	V DRWG	401-PD-0006-01			7/7/2011			7/25/2011								AT			Approved
	PROCESS AND INSTURMENTATION DIAGRAM	V DRWG	401-PD-0003-01			7/7/2011			7/25/2011								AT			Approved
	PROCESS AND INSTRUMENTATION DIAGRAM UF MAIN SKID	V DRWG	401-PD-0002-01			7/7/2011			7/25/2011								AT			Approved
	PROCESS AND INSTRUMENTATION DIAGRAM UF MODULE RACK B	V DRWG	401-PD-0004-01			7/7/2011			7/25/2011								AT			Approved
	PROCESS AND INSTRUMENTATION DIAGRAM UF CIP SKID	V DRWG	401-PD-0008-01			7/7/2011			7/25/2011								AT			Approved
	PID SDS NO 7	V DRWG	560-PD-0003-01			7/7/2011			7/25/2011								AT			Approved
	RAW WATER GENERAL ARRANGEMENT DRAWING	V DRWG	550-GA-0003-01			7/7/2011			7/25/2011								AT			Approved
MECH-1-30.0	PIPING AND INSTRUMENTATION DIAGRAM SWS - SERVICE WATER	DRWG	PS-390	05/05/11	05/05/11	7/7/2011			7/25/2011	07/14/11	07/14/11	11/17/2011		5/29/2012	6/6/2012		AT			Approved
	PIPING AND INSTRUMENTATION DIAGRAM SWS - SERVICE WATER	DRWG	PS-391	05/05/11	05/05/11	7/7/2011			7/25/2011	07/14/11	07/14/11	11/17/2011		5/29/2012	6/6/2012		AT			Approved
MECH-1-30.1	PID SDS NO 7	V DRWG	560-PD-0004-01			7/7/2011			7/25/2011								AT			Approved
MECH-1-31.0	PIPING AND INSTRUMENTATION DIAGRAM PWS - POTABLE WATER	DRWG	PS-400	05/05/11	05/05/11	7/7/2011			7/25/2011	07/14/11	07/14/11	12/27/2011		5/29/2012	6/6/2012		AT			Approved
MECH-1-32.0	PIPING AND INSTRUMENTATION DIAGRAM DWS - DEMINERALIZED WATER	DRWG	PS-410	05/25/11	05/25/11	7/7/2011			7/25/2011	08/03/11	08/03/11	12/5/2011		5/29/2012	6/6/2012		AT			Approved
MECH-1-32.1	DEMIN TANK	V DRWG	401-ME-0019-001			7/7/2011			7/28/2011								AT			Approved
	PID SDS NO 7	V DRWG	560-PD-0001-01			7/7/2011			7/28/2011								AT			Approved
MECH-1-33.0	PIPING AND INSTRUMENTATION DIAGRAM FPS - FIRE PROTECTION	DRWG	PS-470	05/12/11	05/12/11	7/7/2011			7/25/2011	07/21/11	07/21/11	10/31/2011		5/29/2012	6/27/2012		AT			Approved
MECH-1-34.0	PIPING AND INSTRUMENTATION DIAGRAM WCF - WATER TREATMENT CHEMICAL FEED	DRWG	PS-540	05/25/11	05/25/11	7/7/2011			7/25/2011	08/03/11	08/03/11	11/22/2011		5/29/2012	6/26/2012		AT			Approved
	PIPING AND INSTRUMENTATION DIAGRAM WCF - WATER TREATMENT CHEMICAL FEED	DRWG	PS-541	05/25/11	05/25/11	7/7/2011			7/25/2011	08/03/11	08/03/11	11/22/2011		5/29/2012	6/26/2012		AT			Approved
	PIPING AND INSTRUMENTATION DIAGRAM WCF - WATER TREATMENT CHEMICAL FEED	DRWG	PS-542	05/25/11	05/25/11	7/7/2011			7/25/2011	08/03/11	08/03/11	11/22/2011		5/29/2012	6/26/2012		AT			Approved
	PIPING AND INSTRUMENTATION DIAGRAM WCF - WATER TREATMENT CHEMICAL FEED	DRWG	PS-543	05/25/11	05/25/11	7/7/2011			7/25/2011	08/03/11	08/03/11	11/22/2011		5/29/2012	6/26/2012		AT			Approved

MECH-1-34.1	RO CIP SYSTEM	V DRWG	401-ME-0011-01			7/7/2011			7/28/2011								AT			Approved
	PROCESS AND INSTRUMENTATION DIAGRAM RO CLEANER ROC 50 PLUS SKID	V DRWG	401-PD-0020-01			7/7/2011			7/28/2011								AT			Approved
	PROCESS AND INSTRUMENTATION DIAGRAM RO CLEANER ROC 20PLUS SKID	V DRWG	401-PD-0018-01			7/7/2011			7/28/2011								AT			Approved
	PROCESS AND INSTRUMENTATION DIAGRAM CITRIC ACID CHEM. SKID	V DRWG	401-PD-0013-01			7/7/2011			7/28/2011								AT			Approved
	PROCESS AND INSTRUMENTATION DIAGRAM UF BLEACH SKID	V DRWG	401-PD-0014-01			7/7/2011			7/28/2011								AT			Approved
	PROCESS AND INSTRUMENTATION DIAGRAM UF DECHLORINATION SKID	V DRWG	401-PD-0015-01			7/7/2011			7/28/2011								AT			Approved
	PROCESS AND INSTRUMENTATION DIAGRAM BISULFITE CHEM FEED SKID	V DRWG	401-PD-0012-01			7/7/2011			7/28/2011								AT			Approved
MECH-1-35.0	PIPING AND INSTRUMENTATION DIAGRAM INA - INSTRUMENT AIR	DRWG	PS-560	05/05/11	05/05/11	7/7/2011			7/25/2011	07/14/11	07/14/11	1/4/2012		5/29/2012	6/6/2012		AT			Approved
	PIPING AND INSTRUMENTATION DIAGRAM INA - INSTRUMENT AIR	DRWG	PS-561	05/05/11	05/05/11	7/7/2011			7/25/2011	07/14/11	07/14/11	1/4/2012		5/29/2012	6/6/2012		AT			Approved
	PIPING AND INSTRUMENTATION DIAGRAM INA - INSTRUMENT AIR	DRWG	PS-562	05/05/11	05/05/11	7/7/2011			7/25/2011	07/14/11	07/14/11	1/4/2012		5/29/2012	6/6/2012		AT			Approved
MECH-1-35.1	STOCK	V DRWG	540-ME-0003-01			7/7/2011			7/25/2011								AT			Approved
	CDE300 115-1-60 N4 160 1 OPT 0-INA-ADY-01A 0-INA-ADY-01B	V DRWG	540-GA-0002-01			7/7/2011			7/25/2011								AT			Approved
	MODIFIED TANK	V DRWG	540-ME-0002-01			7/7/2011			7/25/2011								AT			Approved
	IPB DUCT PRESSURIZATION AND MONITORING MODULE VERSION 3	V DRWG	842A-EE-0013-01			7/7/2011			7/25/2011								AT			Approved
	SAMPLE SYSTEM FLOW DIAGRAM	V DRWG	190-PD-0001-01			7/7/2011			7/25/2011								AT			Approved
MECH-1-36.0	PIPING AND INSTRUMENTATION DIAGRAM FGS - FUEL GAS	DRWG	PS-650	06/04/11	40698	7/7/2011			7/25/2011	08/13/11	08/13/11	1/11/2012		5/29/2012	6/26/2012		AT			Approved
	PIPING AND INSTRUMENTATION DIAGRAM FGS - FUEL GAS	DRWG	PS-651	06/04/11	40698	7/7/2011			7/25/2011	08/13/11	08/13/11	1/11/2012		5/29/2012	6/26/2012		AT			Approved
	PIPING AND INSTRUMENTATION DIAGRAM FGS - FUEL GAS	DRWG	PS-652	06/04/11	40698	7/7/2011			7/25/2011	08/13/11	08/13/11	1/11/2012		5/29/2012	6/26/2012		AT			Approved
	PIPING AND INSTRUMENTATION DIAGRAM FGS - FUEL GAS	DRWG	PS-653	06/04/11	40698	7/7/2011			7/25/2011	08/13/11	08/13/11	1/11/2012		5/29/2012	6/26/2012		AT			Approved
	PIPING AND INSTRUMENTATION DIAGRAM FGS - FUEL GAS	DRWG	PS-654	06/04/11	40698	7/7/2011			7/25/2011	08/13/11	08/13/11	1/11/2012		5/29/2012	6/26/2012		AT			Approved
	PIPING AND INSTRUMENTATION DIAGRAM FGS - FUEL GAS	DRWG	PS-655	06/04/11	40698	7/7/2011			7/25/2011	08/13/11	08/13/11	1/11/2012		5/29/2012	6/26/2012		AT			Approved
	PIPING AND INSTRUMENTATION DIAGRAM FGS - FUEL GAS	DRWG	PS-656	06/04/11	40698	7/7/2011			7/25/2011	08/13/11	08/13/11	1/11/2012		5/29/2012	6/26/2012		AT			Approved
MECH-1-36.1	P AND ID	V DRWG	201-PD-0009-01			7/7/2011			7/28/2011								AT			Approved
	P ID	V DRWG	201-PD-0003-01			7/7/2011			7/28/2011								AT			Approved
	P AND ID - PROCESS	V DRWG	201-PD-0001-01			7/7/2011			7/28/2011								AT			Approved
	PID - PROCESS	V DRWG	201-PD-0007-01			7/7/2011			7/28/2011								AT			Approved
	PID - PROCESS	V DRWG	201-PD-0006-01			7/7/2011			7/28/2011								AT			Approved
	GAS TURBINE AUXILIARIES P AND ID	V DRWG	201-PD-0002-01			7/7/2011			7/28/2011								AT			Approved
	MECHANICAL PROCESS AND INSTRUMENTATION FLOW DIAGRAM FOR INDIRECT GAS FIRED WATER BATH HEATER	V DRWG	313-PD-0001-01			7/7/2011			7/28/2011								AT			Approved
	FUEL GAS COMPRESSOR DRAINS TANK FOUNDATION 0-FGS-TNK-01	V DRWG	551-ME-0001-01			7/7/2011			7/28/2011								AT			Approved
MECH-1-37.0	PIPING AND INSTRUMENTATION DIAGRAM AQA - AQUEOUS AMMONIA	DRWG	PS-780	05/12/11	05/12/11	7/7/2011			7/25/2011	07/21/11	07/21/11	12/19/2011		5/29/2012	6/26/2012		AT			Approved
	PIPING AND INSTRUMENTATION DIAGRAM AQA - AQUEOUS AMMONIA	DRWG	PS-781	05/12/11	05/12/11	7/7/2011			7/25/2011	07/21/11	07/21/11	12/19/2011		5/29/2012	6/26/2012		AT			Approved
MECH-1-37.1	21200 GALLON AQUEOUS AMMONIA STORAGE TANK	V DRWG	433-ME-0001-01			7/8/2011			7/28/2011								AT			Approved
	AQUEOUS AMMONIA FEED PUMP SKID PID	V DRWG	110-PD-0002-01			7/8/2011			7/28/2011								AT			Approved
	AQUEOUS AMMONIA FLOW CONTROL SKID PID	V DRWG	110-PD-0003-01			7/8/2011			7/28/2011								AT			Approved
MECH-1-38.0	PIPING AND INSTRUMENTATION DIAGRAM SDR - SANITARY DRAINS	DRWG	PS-950	05/19/11	05/19/11	7/7/2011	7/28/2011	8/31/2011	9/15/2011	07/28/11	07/28/11	1/11/2012		5/29/2012	6/12/2012		AT			Approved
MECH-1-39.0	PIPING AND INSTRUMENTATION DIAGRAM WDR - WASTEWATER DISPOSAL	DRWG	PS-960	06/10/11	06/10/11	7/7/2011			7/25/2011	08/19/11	08/19/11	11/16/2011		5/29/2012	6/6/2012		AT			Approved
	PIPING AND INSTRUMENTATION DIAGRAM WDR - WASTEWATER DISPOSAL	DRWG	PS-961	06/10/11	06/10/11	7/7/2011			7/25/2011	08/19/11	08/19/11	11/16/2011		5/29/2012	6/6/2012		AT			Approved
	PIPING AND INSTRUMENTATION DIAGRAM WDR - WASTEWATER DISPOSAL	DRWG	PS-962									11/16/2011		5/29/2012	6/6/2012		AT			Approved
MECH-1-39.1	OIL-WATER SEPARATOR DETAIL DRAWING		441-ME-0007-01			7/8/2011			7/29/2011								AT			Approved
	OIL-WATER SEPARATOR DETAIL DRAWING		441-ME-0008-01			7/8/2011			7/29/2011								AT			Approved
	WASTE WATER GENERAL ARRANGEMENT DRAWING		550-GA-0002-01			7/8/2011			7/29/2011								AT			Approved
	GENERAL ARRANGEMENT SDS NO 13		560-GA-0003-01			7/8/2011			7/29/2011								AT			Approved
MECH-1-40.0	PIPING AND INSTRUMENTATION DIAGRAM PDR - PLANT DRAINS AND DISPOSAL	DRWG	PS-970	01/22/11	01/22/11	7/7/2011			7/25/2011	06/17/11	06/17/11	11/10/2011		5/29/2012	6/6/2012		AT			Approved
	PIPING AND INSTRUMENTATION DIAGRAM PDR - PLANT DRAINS AND DISPOSAL	DRWG	PS-971	01/22/11	01/22/11	7/7/2011			7/25/2011	06/17/11	06/17/11	11/10/2011		5/29/2012	6/6/2012		AT			Approved
MECH-1-41.0	LARGE BORE FABRICATION ISOMETRIC PWS - POTABLE WATER	DRWG	0PWS6001-1	10/26/11	10/26/11					11/28/11	11/28/11	12/29/2011		4/26/2012	5/9/2012		AT			Approved
	LARGE BORE FABRICATION ISOMETRIC PWS - POTABLE WATER	DRWG	0PWS6003-1	10/26/11	10/26/11					11/28/11	11/28/11	12/29/2011		4/26/2012	5/9/2012		AT			Approved
	LARGE BORE FABRICATION ISOMETRIC PWS - POTABLE WATER	DRWG	0PWS6019-1	10/26/11	10/26/11					11/28/11	11/28/11	12/29/2011		4/26/2012	5/9/2012		AT			Approved
	LARGE BORE FABRICATION ISOMETRIC PWS - POTABLE WATER	DRWG	0PWS6022-1	10/26/11	10/26/11					11/28/11	11/28/11	12/29/2011		4/26/2012	5/9/2012		AT			Approved
	LARGE BORE FABRICATION ISOMETRIC PWS - POTABLE WATER	DRWG	0PWS6024-1	10/26/11	10/26/11					11/28/11	11/28/11	12/29/2011		4/26/2012	5/9/2012		AT			Approved
	LARGE BORE FABRICATION ISOMETRIC PWS - POTABLE WATER	DRWG	0PWS6026-1	10/26/11	10/26/11					11/28/11	11/28/11	12/29/2011		4/26/2012	5/9/2012		AT			Approved
	LARGE BORE FABRICATION ISOMETRIC PWS - POTABLE WATER	DRWG	0PWS6027-1	10/26/11	10/26/11					11/28/11	11/28/11	12/29/2011		4/26/2012	5/9/2012		AT			Approved
MECH-1-41.1	SMALL BORE FABRICATION ISOMETRIC PWS - POTABLE WATER	DRWG	0PWS6021-1			2/1/2012			2/6/2012	01/05/12	01/05/12						AT			Approved
	SMALL BORE FABRICATION ISOMETRIC PWS - POTABLE WATER	DRWG	0PWS6020-1			2/1/2012			2/6/2012	01/05/12	01/05/12						AT			Approved
	SMALL BORE FABRICATION ISOMETRIC PWS - POTABLE WATER	DRWG	0PWS6018-1			2/1/2012			2/6/2012								AT			Approved
	SMALL BORE FABRICATION ISOMETRIC PWS - POTABLE WATER	DRWG	0PWS6005-1			2/1/2012			2/6/2012								AT			Approved
	SMALL BORE FABRICATION ISOMETRIC PWS - POTABLE WATER	DRWG	0PWS6002-1			2/1/2012			2/6/2012								AT			Approved
MECH-1-42.0	LARGE BORE FABRICATION ISOMETRIC RWS - RAW WATER	DRWG	0RWS6011-1	10/25/11	10/25/11					11/28/11	11/28/11	12/2/2011			12/14/2011		AT			Approved
	LARGE BORE FABRICATION ISOMETRIC RWS - RAW WATER	DRWG	0RWS6012-1	10/25/11	10/25/11					11/28/11	11/28/11	12/2/2011			12/14/2011		AT			Approved
	LARGE BORE FABRICATION ISOMETRIC RWS - RAW WATER	DRWG	ORWS6013-1	10/25/11	10/25/11					11/28/11	11/28/11	12/2/2011			12/14/2011		AT			Approved
	LARGE BORE FABRICATION ISOMETRIC RWS - RAW WATER	DRWG	0RWS6015-1	10/25/11	10/25/11					11/28/11	11/28/11	12/2/2011			12/14/2011		AT			Approved
~~**MECH-1-42.0**~~	~~SMALL BORE FABRICATION ISOMETRIC RWS - RAW WATER~~	~~DRWG~~	~~RWS500-1~~							01/05/12	01/05/12						AT			
	~~SMALL BORE FABRICATION ISOMETRIC RWS - RAW WATER~~	~~DRWG~~	~~RWS501-1~~							01/05/12	01/05/12						AT			
MECH-1-44.0	LARGE BORE FABRICATION ISOMETRIC SWS - SERVICE WATER	DRWG	0SWS6005-1	10/04/11	10/04/11					11/07/11	11/07/11	11/23/2011		6/13/2012	6/21/2012		AT			Approved
	LARGE BORE FABRICATION ISOMETRIC SWS - SERVICE WATER	DRWG	0SWS6015-1	10/04/11	10/04/11					11/07/11	11/07/11	11/23/2011		6/13/2012	6/21/2012		AT			Approved
	LARGE BORE FABRICATION ISOMETRIC SWS - SERVICE WATER	DRWG	0SWS6016-1	10/04/11	10/04/11					11/07/11	11/07/11	11/23/2011		6/13/2012	6/21/2012		AT			Approved
	LARGE BORE FABRICATION ISOMETRIC SWS - SERVICE WATER	DRWG	0SWS6018-1	10/04/11	10/04/11					11/07/11	11/07/11	11/23/2011		6/13/2012	6/21/2012		AT			Approved
	LARGE BORE FABRICATION ISOMETRIC SWS - SERVICE WATER	DRWG	0SWS6019-1	10/04/11	10/04/11					11/07/11	11/07/11	11/23/2011		6/13/2012	6/21/2012		AT			Approved
	LARGE BORE FABRICATION ISOMETRIC SWS - SERVICE WATER	DRWG	1SWS1001-1	10/04/11	10/04/11					11/07/11	11/07/11	11/23/2011		6/13/2012	6/21/2012		AT			Approved

	LARGE BORE FABRICATION ISOMETRIC SWS - SERVICE WATER	DRWG	2SWS2001-1	10/04/11	10/04/11					11/07/11	11/07/11	11/23/2011		6/13/2012	6/21/2012		AT			Approved
	LARGE BORE FABRICATION ISOMETRIC SWS - SERVICE WATER	DRWG	3SWS3001-1									11/23/2011		6/13/2012	6/21/2012		AT			Approved
	LARGE BORE FABRICATION ISOMETRIC SWS - SERVICE WATER	DRWG	4SWS4001-1									11/23/2011		6/13/2012	6/21/2012		AT			Approved
MECH-1-44.1	SMALL BORE FABRICATION ISOMETRIC SWS - SERVICE WATER	DRWG	0SWS6035-1									2/28/2012			3/2/2012		AT			Approved
	SMALL BORE FABRICATION ISOMETRIC SWS - SERVICE WATER	DRWG	0SWS6004-1									2/28/2012			3/2/2012		AT			Approved
	SMALL BORE FABRICATION ISOMETRIC SWS - SERVICE WATER	DRWG	0SWS6003-1									2/28/2012			3/2/2012		AT			Approved
MECH-1-45.0	SMALL BORE FABRICATION ISOMETRIC WCF - WATER TREATMENT CHEMICAL FEED	DRWG	0WCF6036-1			4/11/2012				12/29/11	12/29/11						AT			Submitted
	SMALL BORE FABRICATION ISOMETRIC WCF - WATER TREATMENT CHEMICAL FEED	DRWG	0WCF6028-1			4/11/2012				12/29/11	12/29/11						AT			Submitted
	SMALL BORE FABRICATION ISOMETRIC WCF - WATER TREATMENT CHEMICAL FEED	DRWG	0WCF6043-1			4/11/2012											AT			Submitted
	SMALL BORE FABRICATION ISOMETRIC WCF - WATER TREATMENT CHEMICAL FEED	DRWG	0WCF6021-1			4/11/2012											AT			Submitted
	SMALL BORE FABRICATION ISOMETRIC WCF - WATER TREATMENT CHEMICAL FEED	DRWG	0WCF6026-1			4/11/2012											AT			Submitted
	SMALL BORE FABRICATION ISOMETRIC WCF - WATER TREATMENT CHEMICAL FEED	DRWG	0WCF6019-1			4/11/2012											AT			Submitted
	SMALL BORE FABRICATION ISOMETRIC WCF - WATER TREATMENT CHEMICAL FEED	DRWG	0WCF6020-1			4/11/2012											AT			Submitted
	SMALL BORE FABRICATION ISOMETRIC WCF - WATER TREATMENT CHEMICAL FEED	DRWG	0WCF6016-1			4/11/2012											AT			Submitted
	SMALL BORE FABRICATION ISOMETRIC WCF - WATER TREATMENT CHEMICAL FEED	DRWG	0WCF6017-1			4/11/2012											AT			Submitted
	SMALL BORE FABRICATION ISOMETRIC WCF - WATER TREATMENT CHEMICAL FEED	DRWG	0WCF6013-1			4/11/2012											AT			Submitted
	SMALL BORE FABRICATION ISOMETRIC WCF - WATER TREATMENT CHEMICAL FEED	DRWG	0WCF6014-1			4/11/2012											AT			Submitted
	SMALL BORE FABRICATION ISOMETRIC WCF - WATER TREATMENT CHEMICAL FEED	DRWG	0WCF6011-1			4/11/2012											AT			Submitted
	SMALL BORE FABRICATION ISOMETRIC WCF - WATER TREATMENT CHEMICAL FEED	DRWG	0WCF6012-1			4/11/2012											AT			Submitted
	SMALL BORE FABRICATION ISOMETRIC WCF - WATER TREATMENT CHEMICAL FEED	DRWG	0WCF6009-1			4/11/2012											AT			Submitted
	SMALL BORE FABRICATION ISOMETRIC WCF - WATER TREATMENT CHEMICAL FEED	DRWG	0WCF6010-1			4/11/2012											AT			Submitted
	SMALL BORE FABRICATION ISOMETRIC WCF - WATER TREATMENT CHEMICAL FEED	DRWG	0WCF6007-1			4/11/2012											AT			Submitted
	SMALL BORE FABRICATION ISOMETRIC WCF - WATER TREATMENT CHEMICAL FEED	DRWG	0WCF6008-1			4/11/2012											AT			Submitted
	SMALL BORE FABRICATION ISOMETRIC WCF - WATER TREATMENT CHEMICAL FEED	DRWG	0WCF6005-1			4/11/2012											AT			Submitted
	SMALL BORE FABRICATION ISOMETRIC WCF - WATER TREATMENT CHEMICAL FEED	DRWG	0WCF6006-1			4/11/2012											AT			Submitted
	SMALL BORE FABRICATION ISOMETRIC WCF - WATER TREATMENT CHEMICAL FEED	DRWG	0WCF6003-1			4/11/2012											AT			Submitted
	SMALL BORE FABRICATION ISOMETRIC WCF - WATER TREATMENT CHEMICAL FEED	DRWG	0WCF6004-1			4/11/2012											AT			Submitted
	SMALL BORE FABRICATION ISOMETRIC WCF - WATER TREATMENT CHEMICAL FEED	DRWG	0WCF6001-1			4/11/2012											AT			Submitted
	SMALL BORE FABRICATION ISOMETRIC WCF - WATER TREATMENT CHEMICAL FEED	DRWG	0WCF6002-1			4/11/2012											AT			Submitted
	SMALL BORE FABRICATION ISOMETRIC WCF - WATER TREATMENT CHEMICAL FEED	DRWG	0WCF6050-1			4/11/2012											AT			Submitted
MECH-1-46.0	LARGE BORE FABRICATION ISOMETRIC SDR - SANITARY DRAINS	DRWG	0SDR6001-1	10/18/11	10/18/11					11/21/11	11/21/11	1/23/2012		6/13/2012	6/21/2012		AT			Approved
	LARGE BORE FABRICATION ISOMETRIC SDR - SANITARY DRAINS	DRWG	0SDR6001-2	10/18/11	10/18/11							1/23/2012		6/13/2012	6/21/2012		AT			Approved
	LARGE BORE FABRICATION ISOMETRIC SDR - SANITARY DRAINS	DRWG	0SDR6005-1	10/18/11	10/18/11							1/23/2012		6/13/2012	6/21/2012		AT			Approved
	LARGE BORE FABRICATION ISOMETRIC SDR - SANITARY DRAINS	DRWG	0SDR6006-1	10/18/11	10/18/11							1/23/2012		6/13/2012	6/21/2012		AT			Approved
	LARGE BORE FABRICATION ISOMETRIC SDR - SANITARY DRAINS	DRWG	0SDR6007-1	10/18/11	10/18/11							1/23/2012			2/6/2012		AT			Approved
MECH-1-47.0	SMALL BORE FABRICATION ISOMETRIC PDR - PLANT DRAINS	DRWG	4PDR6012-1	12/29/11	12/29/11	2/1/2012			2/6/2012	01/20/12	01/20/12						AT			Approved
	SMALL BORE FABRICATION ISOMETRIC PDR - PLANT DRAINS	DRWG	4PDR6011-1	12/29/11	12/29/11	2/1/2012			2/6/2012	01/20/12	01/20/12						AT			Approved
	SMALL BORE FABRICATION ISOMETRIC PDR - PLANT DRAINS	DRWG	4PDR6010-1	12/29/11	12/29/11	2/1/2012			2/6/2012	01/20/12	01/20/12						AT			Approved
	SMALL BORE FABRICATION ISOMETRIC PDR - PLANT DRAINS	DRWG	3PDR6003-1	12/29/11	12/29/11	2/1/2012			2/6/2012	01/20/12	01/20/12						AT			Approved
	SMALL BORE FABRICATION ISOMETRIC PDR - PLANT DRAINS	DRWG	3PDR6002-1	12/29/11	12/29/11	2/1/2012			2/6/2012	01/20/12	01/20/12						AT			Approved
	SMALL BORE FABRICATION ISOMETRIC PDR - PLANT DRAINS	DRWG	3PDR6001-1	12/29/11	12/29/11	2/1/2012			2/6/2012	01/20/12	01/20/12						AT			Approved
	SMALL BORE FABRICATION ISOMETRIC PDR - PLANT DRAINS	DRWG	2PDR6009-1	12/29/11	12/29/11	2/1/2012			2/6/2012	01/20/12	01/20/12						AT			Approved
	SMALL BORE FABRICATION ISOMETRIC PDR - PLANT DRAINS	DRWG	2PDR6008-1	12/29/11	12/29/11	2/1/2012			2/6/2012	01/20/12	01/20/12						AT			Approved
	SMALL BORE FABRICATION ISOMETRIC PDR - PLANT DRAINS	DRWG	2PDR6007-1	12/29/11	12/29/11	2/1/2012			2/6/2012	01/20/12	01/20/12						AT			Approved
	SMALL BORE FABRICATION ISOMETRIC PDR - PLANT DRAINS	DRWG	1PDR6006-1	12/29/11	12/29/11	2/1/2012			2/6/2012	01/20/12	01/20/12						AT			Approved
	SMALL BORE FABRICATION ISOMETRIC PDR - PLANT DRAINS	DRWG	1PDR6005-1	12/29/11	12/29/11	2/1/2012			2/6/2012	01/20/12	01/20/12						AT			Approved
	SMALL BORE FABRICATION ISOMETRIC PDR - PLANT DRAINS	DRWG	1PDR6004-1	12/29/11	12/29/11	2/1/2012			2/6/2012	01/20/12	01/20/12						AT			Approved
MECH-1-48.0	LARGE BORE FABRICATION ISOMETRIC WDR - WASTEWATER DRAINS	DRWG	0WDR6002-1	11/08/11	11/08/11					12/12/11	12/12/11	12/8/2011			12/14/2011		AT			Approved
	LARGE BORE FABRICATION ISOMETRIC WDR - WASTEWATER DRAINS	DRWG	0WDR6003-1	11/08/11	11/08/11					12/12/11	12/12/11	12/8/2011			12/14/2011		AT			Approved
	LARGE BORE FABRICATION ISOMETRIC WDR - WASTEWATER DRAINS	DRWG	0WDR6004-1	11/08/11	11/08/11					12/12/11	12/12/11	12/8/2011			12/14/2011		AT			Approved
	LARGE BORE FABRICATION ISOMETRIC WDR - WASTEWATER DRAINS	DRWG	OWDR6008-1	11/08/11	11/08/11					12/12/11	12/12/11	12/8/2011			12/14/2011		AT			Approved
	LARGE BORE FABRICATION ISOMETRIC WDR - WASTEWATER DRAINS	DRWG	0WDR0610-1	11/08/11	11/08/11					12/12/11	12/12/11	12/8/2011			12/14/2011		AT			Approved
	LARGE BORE FABRICATION ISOMETRIC WDR - WASTEWATER DRAINS	DRWG	0WDR6011-1	11/08/11	11/08/11					12/12/11	12/12/11	12/8/2011			12/14/2011		AT			Approved
	LARGE BORE FABRICATION ISOMETRIC WDR - WASTEWATER DRAINS	DRWG	OWDR6013-1	11/08/11	11/08/11					12/12/11	12/12/11	12/8/2011			12/14/2011		AT			Approved
	LARGE BORE FABRICATION ISOMETRIC WDR - WASTEWATER DRAINS	DRWG	0WDR6017-1	11/08/11	11/08/11					12/12/11	12/12/11	12/8/2011			12/14/2011		AT			Approved
	LARGE BORE FABRICATION ISOMETRIC WDR - WASTEWATER DRAINS	DRWG	0WDR6021-1	11/08/11	11/08/11					12/12/11	12/12/11	12/8/2011			12/14/2011		AT			Approved
	LARGE BORE FABRICATION ISOMETRIC WDR - WASTEWATER DRAINS	DRWG	0WDR6024-1									12/8/2011			12/14/2011		AT			Approved
	LARGE BORE FABRICATION ISOMETRIC WDR - WASTEWATER DRAINS	DRWG	0WDR6027-1									12/8/2011			12/14/2011		AT			Approved
	LARGE BORE FABRICATION ISOMETRIC WDR - WASTEWATER DRAINS	DRWG	0WDR6029-1									12/8/2011			12/14/2011		AT			Approved
	LARGE BORE FABRICATION ISOMETRIC WDR - WASTEWATER DRAINS	DRWG	0WDR6031-1									12/8/2011			12/14/2011		AT			Approved
MECH-1-48.1	SMALL BORE FABRICATION ISOMETRIC WDR - WASTEWATER DRAINS	DRWG	0WDR6025-1			2/1/2012			2/6/2012								AT			Approved
	SMALL BORE FABRICATION ISOMETRIC WDR - WASTEWATER DRAINS	DRWG	0WDR6023-1			2/1/2012			2/6/2012								AT			Approved
	SMALL BORE FABRICATION ISOMETRIC WDR - WASTEWATER DRAINS	DRWG	0WDR6022-1			2/1/2012			2/6/2012								AT			Approved
	SMALL BORE FABRICATION ISOMETRIC WDR - WASTEWATER DRAINS	DRWG	0WDR6019-1			2/1/2012			2/6/2012								AT			Approved
	SMALL BORE FABRICATION ISOMETRIC WDR - WASTEWATER DRAINS	DRWG	0WDR6006-1			2/1/2012			2/6/2012								AT			Approved
~~**MECH-1-49.0**~~	~~LARGE BORE FABRICATION ISOMETRIC WWT - WATER TREATMENT~~	~~DRWG~~	~~WWT100-1~~	~~09/20/11~~	~~09/20/11~~					~~10/24/11~~	~~10/24/11~~						AT			
	~~LARGE BORE FABRICATION ISOMETRIC WWT - WATER TREATMENT~~	~~DRWG~~	~~WWT101-1~~	~~09/20/11~~	~~09/20/11~~					~~10/24/11~~	~~10/24/11~~						AT			
MECH-1-50.0	MECHANICAL UNDERGROUND YARD PIPING	DRWG	YP-0110	07/27/11	04/11/11	7/6/2011			7/25/2011	09/07/11	05/09/11	8/16/2011		4/5/2012	2/8/2012		AT			Submitted
	MECHANICAL UNDERGROUND YARD PIPING	DRWG	YP-0120	07/27/11	04/11/11	7/6/2011			7/25/2011	09/07/11	05/09/11	8/16/2011		4/26/2012	5/9/2012		AT			Approved
	MECHANICAL UNDERGROUND YARD PIPING	DRWG	YP-0210			7/6/2011			7/25/2011			8/16/2011		2/13/2012	3/5/2012		AT			Approved
	MECHANICAL UNDERGROUND YARD PIPING	DRWG	YP-0220	07/27/11	04/11/11	7/6/2011			7/25/2011	09/07/11	05/09/11	8/16/2011		5/18/2012	5/30/2012		AT			Approved
	MECHANICAL UNDERGROUND YARD PIPING	DRWG	YP-0240			7/6/2011			7/25/2011			8/16/2011		5/18/2012	5/30/2012		AT			Approved
	MECHANICAL UNDERGROUND YARD PIPING	DRWG	YP-0310	07/27/11	04/11/11	7/6/2011			7/25/2011	09/07/11	05/09/11	8/16/2011		1/23/2012	2/8/2012		AT			Approved
	MECHANICAL UNDERGROUND YARD PIPING	DRWG	YP-0320	07/27/11	04/11/11	7/6/2011			7/25/2011	09/07/11	05/09/11	8/16/2011		1/23/2012	2/8/2012		AT			Approved
	MECHANICAL UNDERGROUND YARD PIPING	DRWG	YP-0330	07/27/11	04/11/11	7/6/2011			7/25/2011	09/07/11	05/09/11	8/16/2011		1/23/2012	2/8/2012		AT			Approved
	MECHANICAL UNDERGROUND YARD PIPING	DRWG	YP-0340	07/27/11	04/11/11	7/6/2011			7/25/2011	09/07/11	05/09/11	8/16/2011		1/23/2012	2/8/2012		AT			Approved
	MECHANICAL UNDERGROUND YARD PIPING	DRWG	YP-0410			7/6/2011			7/25/2011			8/16/2011			9/2/2011		AT			Approved
	MECHANICAL UNDERGROUND YARD PIPING	DRWG	YP-0420			7/6/2011			7/25/2011			8/16/2011		4/26/2012	5/9/2012		AT			Approved

	MECHANICAL UNDERGROUND YARD PIPING	DRWG	YP-0430			7/6/2011			7/25/2011			8/16/2011		4/26/2012	5/9/2012		AT			Approved
	MECHANICAL UNDERGROUND YARD PIPING	DRWG	YP-0440			7/6/2011			7/25/2011			8/16/2011		1/31/2012	2/8/2012		AT			Approved
	MECHANICAL UNDERGROUND YARD PIPING	DRWG	YP-0450											1/31/2012	2/8/2012		AT			Approved
	MECHANICAL UNDERGROUND YARD PIPING	DRWG	YP-0510			7/6/2011			7/25/2011			8/16/2011			9/2/2011		AT			Approved
	MECHANICAL UNDERGROUND YARD PIPING	DRWG	YP-0520			7/6/2011			7/25/2011			8/16/2011			9/2/2011		AT			Approved
	MECHANICAL UNDERGROUND YARD PIPING	DRWG	YP-0040	07/27/11	04/11/11					09/07/11	05/09/11	8/16/2011			9/2/2011		AT			Approved
MECH-1-51.0	MECHANICAL UNDERGROUND YARD PIPING	DRWG	YP-0130	07/27/11	04/11/11	4/12/2011	5/5/2011			09/07/11	05/09/11	5/12/2011		1/23/2012	2/8/2012		AT			Approved
RM needs 853 spec	MECHANICAL UNDERGROUND YARD PIPING	DRWG	YP-0140	07/27/11	04/11/11	4/12/2011			5/5/2011	09/07/11	05/09/11	5/12/2011		8/16/2011	9/14/2011		AT			Approved
	MECHANICAL UNDERGROUND YARD PIPING	DRWG	YP-0150	07/27/11	04/11/11	4/12/2011			5/5/2011	09/07/11	05/09/11	5/12/2011		8/16/2011	9/14/2011		AT			Approved
	MECHANICAL UNDERGROUND YARD PIPING	DRWG	YP-0160	07/27/11	04/11/11	4/12/2011			5/5/2011	09/07/11	05/09/11	5/12/2011		5/23/2011	5/24/2011		AT			Approved
	MECHANICAL UNDERGROUND YARD PIPING	DRWG	YP-0170	07/27/11	04/11/11	4/12/2011			5/5/2011	09/07/11	05/09/11	5/12/2011		5/23/2011	5/24/2011		AT			Approved
	MECHANICAL UNDERGROUND YARD PIPING	DRWG	YP-0180	07/27/11	04/11/11	4/12/2011			5/5/2011	09/07/11	05/09/11	5/12/2011		8/16/2011	9/14/2011		AT			Approved
	MECHANICAL UNDERGROUND YARD PIPING	DRWG	YP-0190	07/27/11	04/11/11	4/12/2011			5/5/2011	09/07/11	05/09/11	5/12/2011		4/26/2012	5/9/2012		AT			Approved
	MECHANICAL UNDERGROUND YARD PIPING	DRWG	YP-0195	07/27/11	04/11/11	4/12/2011			5/5/2011	09/07/11	05/09/11	5/12/2011		5/23/2011	5/24/2011		AT			Approved
	5/30/2012	DRWG	YP-0230	07/27/11	04/11/11	4/12/2011			5/5/2011	09/07/11	05/09/11	5/12/2011		5/18/2012	2/8/2012		AT			Approved
	MECHANICAL UNDERGROUND YARD PIPING	DRWG	YP-0530	07/27/11	04/11/11	4/12/2011			5/5/2011	09/07/11	05/09/11	5/12/2011		4/26/2012	5/9/2012		AT			Approved
	MECHANICAL UNDERGROUND YARD PIPING	DRWG	YP-0630	07/27/11	04/11/11	4/12/2011			5/5/2011	09/07/11	05/09/11	5/12/2011		4/26/2012	5/9/2012		AT			Approved
	MECHANICAL UNDERGROUND YARD PIPING	DRWG	YP-0730	07/27/11	04/11/11	4/12/2011			5/5/2011	09/07/11	05/09/11	5/12/2011		4/26/2012	5/9/2012		AT			Approved
	MECHANICAL UNDERGROUND YARD PIPING	DRWG	YP-0830	07/27/11	04/11/11	4/12/2011			5/5/2011	09/07/11	05/09/11	5/12/2011		4/26/2012	5/9/2012		AT			Approved
	MECHANICAL UNDERGROUND YARD PIPING	DRWG	YP-0930	07/27/11	04/11/11	4/12/2011			5/5/2011	09/07/11	05/09/11	5/12/2011		4/26/2012	5/9/2012		AT			Approved
	MECHANICAL UNDERGROUND YARD PIPING	DRWG	YP-1030	07/27/11	04/11/11	4/12/2011			5/5/2011	09/07/11	05/09/11	5/12/2011		4/26/2012	5/9/2012		AT			Approved
	MECHANICAL UNDERGROUND YARD PIPING	DRWG	YP-1040	07/27/11	04/11/11	4/12/2011			5/5/2011	09/07/11	05/09/11	5/12/2011		4/26/2012	5/9/2012		AT			Approved
	MECHANICAL UNDERGROUND YARD PIPING	DRWG	YP-1140	07/27/11	04/11/11	4/12/2011			5/5/2011	09/07/11	05/09/11	5/12/2011		4/26/2012	5/9/2012		AT			Approved
	MECHANICAL UNDERGROUND YARD PIPING	DRWG	YP-1150	07/27/11	04/11/11	4/12/2011			5/5/2011	09/07/11	05/09/11	5/12/2011		6/5/2012	6/26/2012		AT			Approved
	MECHANICAL UNDERGROUND YARD PIPING	DRWG	YP-1250	07/27/11	04/11/11	4/12/2011			5/5/2011	09/07/11	05/09/11	5/12/2011		6/5/2012	6/26/2012		AT			Approved
	MECHANICAL UNDERGROUND YARD PIPING KEY PLAN	DRWG	YP-0000	07/27/11	04/11/11					09/07/11	05/09/11	5/12/2011		2/13/2012	3/5/2012		AT			Approved
MECH-1-51.1 need fm	CATHODIC PROTECTION	SPEC	660			07/22/11	08/26/11	09/15/11	10/04/11						10/12/11		AT			Approved
MECH-1-51.2	CATHODIC PROTECTION CALCULATION & SOILS REPORT	CALC				09/15/11			10/04/11								AT			Approved
MECH-1-52.0 (FM ONLY)	COMBUSTION TURBINE FIRE PROTECTION SYSTEM, O&M	DRWG	FM-200			07/08/11						02/23/12			03/05/12		AT			Approved
~~MECH-1-52.1~~ VOID	~~COMBUSTION TURBINE FIRE PROTECTION O&M~~					~~08/22/11~~											AT			
~~MECH-1-52.2~~ VOID	~~CSFM FOR FM APPROVAL~~																AT			
MECH-1-53.0	FIRE PROTECTION CODE REVIEW		FPCR			07/07/11	08/01/11	09/16/11	09/29/11								AT			Approved
MECH-1-54.0	FIRE HYDRANT TRANSITION INFORMATION		CUT SHEETS									06/01/12			6/4/*12		AT			Approved
Signature - Fire Marshall Only	FIRE HYDRANT TRANSITION INFORMATION - REFERENCE MATERIAL (email attachment only)	REF	REFERENCE DOC									06/01/12			06/04/12		AT			Approved
CBO Reference Only																				
MECH-1-60.0	ACB PLUMBING FOR CONSTRUCTION (PACKAGE P-1; P-2; P-3; P-4)	V DWG	ACB PLUMBING									11/03/11			11/09/11		AT			Approved
MECH-1-61.0	PIPING AND INSTRUMENTAL DIAGRAM ELECTRICAL	DWG	PS-981									05/29/12			06/06/12		AT			Approved
	PIPING AND INSTRUMENTAL DIAGRAM ELECTRICAL	DWG	PS-982									05/29/12			06/06/12		AT			Approved
	PIPING AND INSTRUMENTAL DIAGRAM ELECTRICAL	DWG	PS-983									05/29/12			06/06/12		AT			Approved
	PIPING AND INSTRUMENTAL DIAGRAM ELECTRICAL	DWG	PS-984									05/29/12			06/06/12		AT			Approved
	PIPING AND INSTRUMENTAL DIAGRAM ELECTRICAL	DWG	PS-985									05/29/12			06/06/12		AT			Approved
	PIPING AND INSTRUMENTAL DIAGRAM ELECTRICAL	DWG	PS-986									05/29/12			06/06/12		AT			Approved
	PIPING AND INSTRUMENTAL DIAGRAM ELECTRICAL	DWG	PS-987									05/29/12			06/06/12		AT			Approved
	PIPING AND INSTRUMENTAL DIAGRAM ELECTRICAL	DWG	PS-988									05/29/12			06/06/12		AT			Approved
MECH-1-62.0	FIRE ALARM - MATERIAL SPEC - FA CABLE	VCALC	530-CC-0001-001									06/25/12					AT			Submitted
	FIRE ALARM - MATERIAL SPEC - FA CABLE	VCALC	530-CC-0002-001									06/25/12					AT			Submitted
	FIRE ALARM - MATERIAL SPEC - FA CABLE	VCALC	530-CC-0003-001									06/25/12					AT			Submitted
	FIRE ALARM - MATERIAL SPEC - FA CABLE	VCALC	530-CC-0004-001									06/25/12					AT			Submitted
	FIRE ALARM - MATERIAL SPEC - MANUAL PULL STATIONS	VCALC	530-CC-0006-001									06/25/12					AT			Submitted
	FIRE ALARM - MATERIAL SPEC - DUCT DETECTOR	VCALC	530-CC-0007-001									06/25/12					AT			Submitted
	FIRE ALARM - MATERIAL SPEC - EMT	VCALC	530-CC-0008-001									06/25/12					AT			Submitted
	FIRE ALARM - MATERIAL SPEC - NOTIFICATION	VCALC	530-CC-0009-001									06/25/12					AT			Submitted
	FIRE ALARM - MATERIAL SPEC - NOTIFICATION	VCALC	530-CC-0010-001									06/25/12					AT			Submitted
	FIRE ALARM - MATERIAL SPEC - JUNCTION BOX	VCALC	530-CC-0011-001									06/25/12					AT			Submitted
	FIRE ALARM - MATERIAL SPEC - MONITOR MODULE	VCALC	530-CC-0012-001									06/25/12					AT			Submitted
	FIRE ALARM - MATERIAL SPEC - NETWORK COMMUNICATION	VCALC	530-CC-0013-001									06/25/12					AT			Submitted
	FIRE ALARM - MATERIAL SPEC - NFS-320 CONTROL PANEL	VCALC	530-CC-0014-001									06/25/12					AT			Submitted
	FIRE ALARM - MATERIAL SPEC - FIRE WARDEN 50	VCALC	530-CC-0015-001									06/25/12					AT			Submitted
	FIRE ALARM - MATERIAL SPEC - PULL STATION HAZARDOUS	VCALC	530-CC-0016-001									06/25/12					AT			Submitted
	FIRE ALARM - MATERIAL SPEC - PULL STATION	VCALC	530-CC-0017-001									06/25/12					AT			Submitted
	FIRE ALARM - MATERIAL SPEC - RELAY	VCALC	530-CC-0018-001									06/25/12					AT			Submitted
	FIRE ALARM - MATERIAL SPEC - SMOKE DETECTOR	VCALC	530-CC-0019-001									06/25/12					AT			Submitted
	FIRE ALARM - MATERIAL SPEC - INTELLIGNET BASES	VCALC	530-CC-0020-001									06/25/12					AT			Submitted
	FIRE ALARM - MATERIAL SPEC - POWER SUPPLY	VCALC	530-CC-0022-001									06/25/12					AT			Submitted
	FIRE ALARM - MATERIAL SPEC - FDU80 DISPLAY	VCALC	530-CC-0023-002									06/25/12					AT			Submitted
	FIRE ALARM - MATERIAL SPEC - UV-IR	VCALC	530-CC-0024-001									06/25/12					AT			Submitted
	FIRE ALARM - MATERIAL SPEC - FA CABLES E1512S	VCALC	530-DA-0001-001									06/25/12					AT			Submitted
	FIRE ALARM - MATERIAL SPEC - FA CABLE E1522S	VCALC	530-DA-0002-001									06/25/12					AT			Submitted
	FIRE ALARM - MATERIAL SPEC - GAS DETECTOR	VCALC	530-RE-0003-001									06/25/12					AT			Submitted
	NEW FIRE ALARM SYSTEM - PAGE 1	VDRWG	FA1									06/25/12					AT			Submitted
	NEW FIRE ALARM SYSTEM - PAGE 2	VDRWG	FA2									06/25/12					AT			Submitted
	NEW FIRE ALARM SYSTEM - PAGE 3	VDRWG	FA3									06/25/12					AT			Submitted
	NEW FIRE ALARM SYSTEM - PAGE 4	VDRWG	FA4									06/25/12					AT			Submitted

	NEW FIRE ALARM SYSTEM - PAGE 5	VDRWG	FA5									06/25/12					AT			Submitted
	NEW FIRE ALARM SYSTEM - PAGE 6	VDRWG	FA6									06/25/12					AT			Submitted
	NEW FIRE ALARM SYSTEM - PAGE 7	VDRWG	FA7									06/25/12					AT			Submitted
	NEW FIRE ALARM SYSTEM - PAGE 8	VDRWG	FA8									06/25/12					AT			Submitted
MECH-1-62.1	FIRE SUPPRESSION - AUTOMATIC FIRE SPRINKLERS PLAN PG. 1	VDRWG	FP1									06/25/12					AT			Submitted
	FIRE SUPPRESSION - AUTOMATIC FIRE SPRINKLERS PLAN PG. 2	VDRWG	FP2									06/25/12					AT			Submitted
	FIRE SUPPRESSION - AUTOMATIC FIRE SPRINKLERS PLAN PG. 3	VDRWG	FP3									06/25/12					AT			Submitted
	FPE SIGNED FSS MATERIAL	VCALC	FPE CALC									06/25/12					AT			Submitted
	WATER TREATMENT WAREHOUSE	VCALC	WATER WAREHOUSE									06/25/12					AT			Submitted
MECH-1-62.2	FIRE SMOKE DAMPERS	VCALC	`00001									06/25/12					AT			Submitted
MECH-1-62.3	FIRE PROTECTION WAREHOUSE																**AT**			Not Submitted
MECH-2																	AT			
MECH-2-1.0	201-ME-0008-001_REFERENCE	DRWG	56810025									04/19/12			04/27/12		AT			Approved
	FUEL GAS CONDITIONING SKID DATA SHEETS	CERT	10197-1A; 1B & 1C									04/19/12			04/27/12		AT			Approved
MECH-2-2.0	551-ME-0001-001_REFERENCE	DRWG	551-ME-0001-001									04/19/12			04/27/12		AT			Approved
	FUEL GAS COMPRESSOR DRAINS TANK DATA SHEET	CERT	11-145									04/19/12			04/27/12		AT			Approved
MECH-2-3.0	313-GA-0001-001_REFERENCE	DRWG	D0021711-300									04/19/12			04/27/12		AT			Approved
	313-ME-0001-001_REFERENCE	DRWG	D0021711-201									04/19/12			04/27/12		AT			Approved
	FUEL GAS HEATER COIL DATA SHEET_UNIT A	CERT	112392-1									04/19/12			04/27/12		AT			Approved
	FUEL GAS HEATER COIL DATA SHEET_UNIT B.	CERT	112392-2									04/19/12			04/27/12		AT			Approved
MECH-2-4.0	FG Compressor Discharge Accumulator GA_REFERENCE	DRWG	MB-606-B									04/19/12			04/27/12		AT			Approved
	FUEL GAS COMPRESSOR DISCHARGE ACCUMULATOR DATA SHEET	CERT	442802-442803									04/19/12			04/27/12		AT			Approved
MECH-2-4.1	FG Compressor Skid GA_REFERENCE	DRWG	10501 - REV F									04/19/12			04/27/12		AT			Approved
	FG Compressor Suction Scrubber GA_REFERENCE	DRWG	70B7164									04/19/12			04/27/12		AT			Approved
	FUEL GAS COMPRESSOR SUCTION SCRUBBER DATA SHEET_UNIT A	CERT	CR-10-14819									04/19/12			04/27/12		AT			Approved
	FUEL GAS COMPRESSOR SUCTION SCRUBBER DATA SHEET_UNIT B	CERT	CR-10-14827									04/19/12			04/27/12		AT			Approved
	FUEL GAS COMPRESSOR SUCTION SCRUBBER DATA SHEET_UNIT C	CERT	CR-10-14828									04/19/12			04/27/12		AT			Approved
MECH-2-4.2	FG Compressor Discharge Filter GA_REFERENCE	DRWG	51L7165									04/19/12			04/27/12		AT			Approved
	FG Compressor Discharge Filter Skid GA_REFERENCE	DRWG	10502 REV D									04/19/12			04/27/12		AT			Approved
	FUEL GAS COMPRESSOR DISCHARGE FILTER DATA SHEET_UNIT 1A	CERT	CR-10-14820									04/19/12			04/27/12		AT			Approved
	FUEL GAS COMPRESSOR DISCHARGE FILTER DATA SHEET_UNIT 1B	CERT	CR-10-14821									04/19/12			04/27/12		AT			Approved
	FUEL GAS COMPRESSOR DISCHARGE FILTER DATA SHEET_UNIT 2A	CERT	CR-10-14822									04/19/12			04/27/12		AT			Approved
	FUEL GAS COMPRESSOR DISCHARGE FILTER DATA SHEET_UNIT 2B	CERT	CR-10-14823									04/19/12			04/27/12		AT			Approved
MECH-2-4.3	FG Compressor Skid GA_REFERENCE	DRWG	10501 REV F									04/19/12			04/27/12		AT			Approved
	FG Compressor Throw 1-3 Suction Bottle GA_REFERENCE	DRWG	136-271 Rev. B									04/19/12			04/27/12		AT			Approved
	FUEL GAS COMPRESSOR THROW 1-3 SUCTION BOTTLE DATA SHEET	CERT	686862 to 686864									04/19/12			04/27/12		AT			Approved
MECH-2-4.4	FG Compressor Throw 2-4 Suction Bottle GA_REFERENCE	DRWG	136-273 - Rev. B									04/19/12			04/27/12		AT			Approved
	Fuel Gas Compressor Skid GA_REFERENCE	DRWG	10501 - REV F									04/19/12			04/27/12		AT			Approved
	FUEL GAS COMPRESSOR THROW 2-4 SUCTION BOTTLE DATA SHEET	CERT	686966 to 686968									04/19/12			04/27/12		AT			Approved
MECH-2-4.5	FG Compressor Throw 1-3 Discharge Bottle GA_REFERENCE	DRWG	136-275 REV B									04/19/12			04/27/12		AT			Approved
	Fuel Gas Compressor Skid GA_REFERENCE.	DRWG	10501 - REV F									04/19/12			04/27/12		AT			Approved
	FUEL GAS COMPRESSOR THROW 1-3 DISCHARGE BOTTLE DATA SHEET	CERT	687897 to 687698									04/19/12			04/27/12		AT			Approved
MECH-2-4.6	FG Compressor Skid GA_REFERENCE	DRWG	10501 - REV F									04/19/12			04/27/12		AT			Approved
	FG Compressor Throw 2-4 Discharge Bottle GA_REFERENCE	DRWG	136-277 REV B									04/19/12			04/27/12		AT			Approved
	FUEL GAS COMPRESSOR THROW 2-4 DISCHARGE BOTTLE DATA SHEET	CERT	688396 to 688397									04/19/12			04/27/12		AT			Approved
MECH-2-5.0	1550 GAL AIR RECEIVER TANK DATA SHEET	CERT	688378									04/19/12			04/27/12		AT			Approved
	1550 Gal Air Receiver Tank GA_REFERENCE	DRWG	111-857 REV D									04/19/12			04/27/12		AT			Approved
MECH-2-5.1	620 GAL AIR RECEIVER TANK DATA SHEET	CERT	693840									04/19/12			04/27/12		AT			Approved
	620 Gal Air Receiver Tank GA_REFERENCE	DRWG	111-858 REV D									04/19/12			04/27/12		AT			Approved
MECH-2-6.0	AQUEOUS AMMONIA TANK DATA SHEET	DRWG	292801v-07									04/19/12			05/09/12		AT			Approved
	Aqueous Ammonia Tank Evaluation_REFERENCE	CERT	5135-1-U									04/19/12					AT			Submitted
	620 Gal Air Receiver Tank GA_REFERENCE	DOC	Contra Cost Unit 6 - 126									04/19/12					AT			Submitted
MECH-2-7.0	ROTO AIR COOLER DATA SHEET	CERT	201-GA-0009-001_REFERENCE									04/30/12			05/10/12		AT			Approved
MECH-2-8.0	FUELGAIN MAIN FILTER SEPARATOR DATA SHEET	CERT	201-ME-0012-001_REFERENCE									04/30/12			05/10/12		AT			Approved
MECH-2-9.0	PUEL GAS PILOT FILTER SEPARATOR DATA SHEET	CERT	201-ME-0023-001_REFERENCE									04/30/12			05/10/12		AT			Approved
MECH-2-10.0	ROTOR AIR COLIER AIR FILTER DATA SHEET	CERT	201-ME-0027-001-REFERENCE									04/30/12			05/10/12		AT			Approved
MECH-2-11.0	CONTROL OIL SKID DATA SHEET	CERT	201-GA-0011-001_REFERENCE									04/30/12			05/10/12		AT			Approved
MECH-2-12.0	PIOT GAS COOLER	REF	201-GA-0019-001_REFERENCE									05/02/12			05/10/12		AT			Approved
MECH-3-1.0	ADMIN BUILDING HVAC, ACB	V DRWG	M100									11/3/2011	11/29/11	02/13/12	02/23/12		AT			Approved
	MECHANICAL DETAILS		M101											02/13/12	02/23/12		AT			Approved
	MECHANICAL PLAN		M102											02/13/12	02/23/12		AT			Approved
	TITLE 24		M103											02/13/12	02/23/12		AT			Approved
	MECHANICAL PLAN		M104											02/13/12	02/23/12		AT			Approved
	CONTROLS SCHEMATIC		M105											02/13/12	02/23/12		AT			Approved

MECH-3	HVAC Drawings - Dwgs																AT			
MECH-3-2.0	FUEL GAS COMPRESSOR BUILDING HVAC, FGCB (M-100; M-101; M-102)	V DRWG	M-100 FGCB									11/3/2011	11/29/11	02/21/12	03/05/12		AT			Approved
	FIRE PROTECTION CODE REVIEW		FPC-530											02/21/12	03/05/12		AT			Approved
	EMAIL FROM 09/14/11 MEETING MINUTES													02/21/12			AT			Approved
MECH-3-3.0	5kV Electrical Enclosure HVAC	V DRWG										11/09/11			11/16/11		AT			Approved
MECH-3-4.0	BOP Electrical Enclosure HVAC	V DRWG										11/09/11			11/16/11		AT			Approved
MECH-3-5.0	WATER TREATMENT BUILDING (HVAC) PACKAGE (M100; M101; M102)	V DRWG	M100									11/18/11			12/21/11		AT			Approved
MECH-3-6.0	CEMC ENCLOSURE HVAC	VCALC	190-CA-003-001									02/21/12			03/27/12		AT			Approved
MECH-3-7.0	SWITCHYARD ELECTRICAL ENCLOSURE HVAC	VCALC	1057-CA-0003-001									02/29/12			03/02/12		AT			Approved
MECH-3-8.0	CONSTRUCTION WAREHOUSE VENTILATION																LD			Not Submitted
STRUC-1																	RS			
STRUC-1-1.0	CAST-IN-PLACE CONCRETE	TSpc	930				03/10/11			2/2/2011	2/14/2011	2/15/2011		5/3/2011	05/03/11		RS			Approved
	STRUCTURAL STEEL	TSpc	940							2/2/2011	2/14/2011	2/15/2011			03/10/11		RS			Approved
STRUC-1-1.1	2500psi BRENTWOOD										4/17/2011	5/9/2011	5/10/2011		05/25/11		RS			Approved
	2500psi MARTINEZ											5/9/2011	5/10/2011		05/25/11		RS			Approved
	2500psi RESOLUTION											5/9/2011	5/10/2011		05/25/11		RS			Approved
	4000psi FOUNDATION BRENTWOOD											5/9/2011	5/10/2011	5/25/2011	05/25/11		RS			Approved
	4000psi FOUNDATION MARTINEZ													5/25/2011	05/25/11		RS			Approved
	5000psi HIGH EARLY BRENTWOOD											1/6/2011			01/13/12		RS			Approved
	Central.Mix.DDJ118E3.Drilled Piers.912A											3/28/2012			03/30/12		RS			Approved
STRUC-1-2.0	PILE DESIGN	DRWG	SN-002							2/7/2011	3/28/2011						RS			
	PRECAST/PRESTRESSED PILES	Tspec	912A							2/8/2011	3/28/2011	4/11/2011	4/4/2011		04/12/11		RS			Approved
	PRECAST/PRESTRESSED PILES CALCULATION	CALC	912A-01									5/3/2011		5/26/2011	05/27/11		RS			Approved
	Pile Fabricator CALCulations - vendor	CALC										5/3/2011			05/27/11		RS			Approved
	KIECON 118 CONCRETE MIX DATA													5/25/2011	05/27/11		RS			Approved
	URS MLGS PILE CALC REVIEW LETTER	LETTER												5/25/2011	05/27/11		RS			Approved
	KIECON 118 PILE SHOP DRAWING													5/25/2011	REF		RS			Approved
STRUC-1-2.1A	INDICATOR TEST PILE LOCATION PLAN	DRWG	SC-001			5/3/2011	05/16/11					05/20/11	5/23/2011	5/24/2011	05/24/11		RS			Approved
STRUC-1-2.1B	PILE TO PILE CAP CONNECTION	CALC	912A-02									5/3/2011	5/16/2011	12/19/2011			RS			Submitted
	PILE TO PILE CAP CONNECTION DETAILS	DRWG	SF-202			5/3/2011	05/16/11						5/16/2011	12/19/2011	12/27/11		RS			Approved
STRUC-1-3.0	AMMONIA CONTAINMENT AREA FOUNDATION PILING	CALC	910V-01	7/22/2011	7/22/2011					8/26/2011	8/26/2011	9/29/2011	10/26/2011	11/1/2011	12/07/11		RS			Approved
	AMMONIA CONTAINMENT AREA FOUNDATION PILING PLAN	DRWG	SF-051	7/22/2011	7/22/2011					8/26/2011	8/26/2011	9/29/2011	10/26/2011	11/1/2011	12/07/11		RS			Approved
	21,200 GALLON AQUEOUS AMMONIA TANK VENDOR DRAWING	V DRAWING	CC-7005133-001									9/29/2011	10/26/2011		12/05/11		RS			Approved
STRUC-1-3.1	AMMONIA CONTAINMENT AREA FOUNDATION	CALC	910V-02	7/22/2011	7/22/2011					8/26/2011	8/26/2011		12/16/2011	11/17/2011	01/18/12		RS			Approved
	AMMONIA CONTAINMENT AREA FOUNDATION PLAN, SECTIONS AND DETAILS	DRWG	SF-052	7/22/2011	7/22/2011					8/26/2011	8/26/2011		12/16/2011	1/6/2012	01/18/12		RS			Approved
	AMMONIA CONTAINMENT AREA FOUNDATION SECTIONS AND DETAILS	DRWG	SF-053	7/22/2011	7/22/2011					8/26/2011	8/26/2011		12/16/2011	5/1/2012	05/23/12		RS			Approved
STRUC-1-3.2	JENSEN PRECAST STRUCTURAL CALCULATIONS FOR 4'0"X4'0"X4'8" DRAINAGE INLET	V CALC	48x48 DRAINAGE INLET									2/14/2012			03/05/12		RS			Approved
	JENSEN PRECAST STRUCTURAL CALCULATIONS FOR 5'0"X5'0"X4'0" DRAINAGE INLET	V CALC	60X60 DRAINAGE INLET									2/14/2012			03/05/12		RS			Approved
STRUC-1-4.0	GEOTECHNICAL INVESTIGATIONS REPORT	Spec	024				03/11/11			2/15/2011		2/18/2011		3/23/2011	03/24/11		RS			Approved
STRUC-1-4.1	URS MLGS PILE SPRING REVIEW LETTER	Letter				07/12/11		07/27/11	08/17/11								RS			Approved
	JULY 5, 2011 -LETTER FOR MARSH LANDING FOUNDATION DESIGN PARAMETERS	Letter				07/12/11			08/17/11								RS			Approved
STRUC-1-5.0	GROUTING	TSpc	936							2/26/2011	2/26/2011	2/21/2011			03/18/11		RS			Approved
STRUC-1-6.0	PRE-ENGINEERED BUILDINGS	Spec	990		3/18/2011	3/21/2011	4/11/2011		Reference	3/5/2011	4/15/2011						RS			Approved
STRUC-1-7.0	CT DRAINS TANK HOLD DOWN SLAB PLAN AND DETAILS	DRWG	SF-026	4/1/2011	4/17/2011	05/14/11	06/23/11			5/7/2011	5/7/2011			11/10/2011	12/13/11		RS			Approved
	910R-05.1	CALC	910R-05.1			05/14/11	06/23/11								07/07/11		RS			Approved
STRUC-1-7.1	OIL/WATER SEPARATOR TANKS O-WDR-SEP-01 AND O-WDR-SEP-02 FOUNDATION PLAN, SECTIONS AND DETAILS	DRWG	SF-027	4/1/2011	4/1/2011	04/01/11	04/11/11			5/7/2011	5/7/2011	5/6/2011		11/17/2011	12/08/11		RS			Approved
	OIL WATER SEPARATOR TANKS, 01 AND 02	CALC	910R-05	4/1/2011	4/1/2011	04/01/11	04/11/11			5/7/2011	5/7/2011	5/6/2011			05/17/11		RS			Approved
STRUC-1-8.0	SCR & STACK PILING	CALC	910O-01	5/21/2011	5/21/2011	07/12/11				6/30/2011	6/30/2011	8/9/2011	8/17/2011	11/16/2011	12/07/11		RS			Approved
	SCR SYSTEM UNIT #1 FOUNDATION PILING PLAN	DRWG	SF-017	5/21/2011	5/21/2011	07/12/11				6/30/2011	6/30/2011	8/9/2011	2/15/2012	7/2/2012	08/24/11		RS			Submitted
	SCR SYSTEM UNIT #2 FOUNDATION PILING PLAN	DRWG	SF-018			07/12/11						8/9/2011	2/15/2012	7/2/2012	08/24/11		RS			Submitted
	SCR SYSTEM UNIT #3 FOUNDATION PILING PLAN	DRWG	SF-019			07/12/11						8/9/2011	2/15/2012	7/2/2012	08/24/11		RS			Submitted
	SCR SYSTEM UNIT #4 FOUNDATION PILING PLAN	DRWG	SF-020			07/12/11						8/9/2011	2/15/2012	7/2/2012	08/24/11		RS			Submitted
STRUC-1-8.1	DUCT WORK CALC	CALC	REFERENCE	5/31/2011		5/31/2011									REFERENCE		RS			Submitted
	SCR HOUSING CALC	CALC	REFERENCE	5/31/2011		5/31/2011									REFERENCE		RS			Submitted
	SOUND SHROUD CALC	CALC	REFERENCE	5/31/2011		5/31/2011									REFERENCE		RS			Submitted
	STACK CALC	CALC	REFERENCE	5/31/2011		5/31/2011									REFERENCE		RS			Submitted
	STACK CALCULATION BOOK	v CALC	H2301-C59-130801									11/2/2011	4/3/2012	3/22/2012			RS			Comments
	AIR TEMPERING DUCT AND SUPPORT TRUSS	v CALC	H2301-C59-130803 R-2									11/2/2011	2/8/2012	3/22/2012			RS			Comments
	SCR STRUCTURAL CALCULATIONS	v CALC	H2301-C59-130805									11/2/2011	2/7/2012	3/22/2012			RS			Submitted

	NON SEISMIC STRUCTURAL STEEL CONNECTION CALCULATION	v CALC	H2301-C59-130805-1									11/2/2011		3/22/2012			RS			Submitted
	STRUCTURAL CALCULATIONS - HOT SCR/CO EMISSIONS CONTROL SYSTEM	v CALC	H2301-C59-130807									11/2/2011		3/22/2012			RS			Submitted
STRUC-1-8.2	ATCO STRUCTURES & LOGISTICS LOADS	DRWG	201-CA-0016-001			7/1211			08/15/11								RS			Approved
	ATCO STRUCTURES & LOGISTICS BASE PLATES AND ANCHORS	DRWG	201-CA-0017-001			7/1211			08/15/11								RS			Approved
	COOLING AIR COMPRESSOR BLEED I/C PIPE SUPPORTS CALCULATIONS AND FOUNDATION LOADS	CALC	201-CA-0035-001			7/1211			08/15/11								RS			Approved
	ROTOR AIR COOLER /C PIPE SUPPORTS CALCULATIONS AND FOUNDATION LOADS	CALC	201-CA-0036-001			7/1211			08/15/11								RS			Approved
	STACK DESIGN STRUCTURAL CALCULATIONS	CALC	CALC_COMB			7/1211			08/15/11								RS			Approved
	AIR TEMPERING DUCT AND SUPPORT TRUSS	CALC	H2301_C59_130830			7/1211			08/15/11								RS			Approved
	MODAL ANALYSIS		H2301_C59_130807			7/1211			11/23/11								RS			Approved
	SCR SYSTEM SITE LAYOUT GENERAL ARRANGEMENT PLAN VIEW	DRWG	H2301_P59_031201			7/1211			08/15/11								RS			Approved
	INLET DUCT ACOUSTICAL SHROUD STRUCTURAL CALCULATION	CALC	ST11-115-C-R0			7/1211			08/15/11								RS			Approved
	SCR REACTOR HOUSING STRUCTURAL CALCULATION	CALC	H2301-C59-130805			7/1211			08/15/11								RS			Approved
	HOT SCR/CO EMISSION CONTROL SYSTEM	CALC	H2301-C59-130807-R0			7/1211			08/15/11								RS			Approved
STRUC-1-8.3	TYPE C 8109 EQUIPMENT SHELTER	V DRWG	190-SD-0001-001			08/12/11	09/01/11					9/22/2011			09/27/11		RS			Approved
	STRUCTURAL CALCULATIONS FOR C8109 EQUIPMENT SHELTER	V DRWG	190-CA-0004-001			08/12/11	09/01/11					9/22/2011			09/27/11		RS			Approved
STRUC-1-8.4	Structural CALCulation - Sound Shroud - Part 1	v CALC	ST11-115-C									11/2/2011	02/10/12				RS			Comments
	Structural CALCulation - Sound Shroud - Part 2	v CALC	ST11-115-C									11/2/2011	02/10/12				RS			Comments
	Structural CALCulation - Sound Shroud - Part 3	v CALC	ST11-115-C									11/2/2011	02/10/12				RS			Comments
	ACOUSTIC BARRIER WALL LOADING AND COLUMN LINE GRIDS	v CALC	H2301-P59-130503									11/2/2011	02/10/12							Comments
STRUC-1-8.5	STEEL STANDARDS SPECIFICATIONS MATERIAL AND DESIGN CRITERIA	V DRWG	H2301-P59-130100									11/3/2011					RS			Submitted
	SHOP STEEL STANDARDS SPECIFICATIONS AND GENERAL NOTES	V DRWG	H2301-P59-130102									11/3/2011					RS			Submitted
	SHOP TYPICAL CASING PLATE AND STIFF CONNECTION PLAN, SECTIONS, AND DETAILS	V DRWG	H2301-P59-130103									11/3/2011					RS			Submitted
	SHOP TYPICAL BEAM AND COLUMN CONNECTIONS DETAILS (SHEET 1)	V DRWG	H2301-P59-130104									11/3/2011					RS			Submitted
	SHOP TYPICAL BEAM AND COLUMN CONNECTIONS DETAILS (SHEET 2)	V DRWG	H2301-P59-130105									11/3/2011					RS			Submitted
	FIELD BEAM AND COLUNN CONNECTIONS	V DRWG	H2301-P59-130106									11/3/2011					RS			Submitted
	SHOP CASING PLATE AND BRACING CONNECTION DETAILS	V DRWG	H2301-P59-130107									11/3/2011					RS			Submitted
	SHOP LADDER AND CAGE DETAILS	V DRWG	H2301-P59-130108									11/3/2011					RS			Submitted
	SHOP LADDER AND CAGE DETAILS	V DRWG	H2301-P59-130109									11/3/2011					RS			Submitted
	SHOP GUARDRAIL/HAILRAIL AND STAIRS DETAILS	V DRWG	H2301-P59-130110									11/3/2011					RS			Submitted
	SHOP GRATING CONNECTIONS DETAILS	V DRWG	H2301-P59-130111									11/3/2011					RS			Submitted
	SHOP PORT DETAILS	V DRWG	H2301-P59-130112									11/3/2011					RS			Submitted
	SHOP LINER AND INSULATION GUIDELINE SECTIONS AND DETAILS	V DRWG	H2301-P59-130113									11/3/2011					RS			Submitted
	INSTALLATION GUIDELINE OF SS LINER PANELS CRITICAL AREAS 7 1/2" STAGGED	V DRWG	H2301-P59-130114									11/3/2011					RS			Submitted
	INSTATLLATION GUIDELINE OF SS 15' PITCH STUD SPACING	V DRWG	H2301-P59-130115									11/3/2011					RS			Submitted
	SCR SYSTEM SIDE WALL DETAILS	V DRWG	H2301-P59-130120									11/3/2011					RS			Submitted
	SCR SYSTEM ROOF DETAILS COLUMNS C TO L	V DRWG	H2301-P59-130121									11/3/2011					RS			Submitted
	SCR SYSTEM ROOF DETAILS COLUMNS C TO L	V DRWG	H2301-P59-130122									11/3/2011					RS			Submitted
	SCR SYSTEM ROOF DETAILS COLUMNS C TO L	V DRWG	H2301-P59-130123									11/3/2011					RS			Submitted
	SCR MOMENT FRAME CONNECTION DETAILS	V DRWG	H2301-P59-130131									11/3/2011					RS			Submitted
	SCR MOMENT FRAME CONNECTION DETAILS	V DRWG	H2301-P59-130132									11/3/2011					RS			Submitted
	SCR MOMENT FRAME CONNECTION DETAILS	V DRWG	H2301-P59-130133									11/3/2011					RS			Submitted
	SCR MOMENT FRAME CONNECTION DETAILS	V DRWG	H2301-P59-130134									11/3/2011					RS			Submitted
	SCR MOMENT FRAME CONNECTION DETAILS	V DRWG	H2301-P59-130135									11/3/2011					RS			Submitted
	SCR SYSTEM ROOF PLAN VIEW	V DRWG	H2301-P59-130202									11/3/2011					RS			Submitted
	SCR SYSTEM FLOOR PLAN VIEW	V DRWG	H2301-P59-130203									11/3/2011					RS			Submitted
	SCR SYSTEM SECTIONS AND DETAILS	V DRWG	H2301-P59-130204									11/3/2011					RS			Submitted
	SCR SYSTEM SIDE PANEL SECTION	V DRWG	H2301-P59-130205									11/3/2011					RS			Submitted
	SCR SYSTEM SIDE PANEL SECTION	V DRWG	H2301-P59-130206									11/3/2011					RS			Submitted
	SCR SYSTEM SPECIAL DETAILS	V DRWG	H2301-P59-130207									11/3/2011					RS			Submitted
	SCR SYSTEM GENERAL ARRANGEMENT/DETAILS TURNING VANES AND SUPPORTING FRAMES	V DRWG	H2301-P59-130249									11/3/2011					RS			Submitted
	SCR SYSTEM DETAILS	V DRWG	H2301-P59-130250									11/3/2011					RS			Submitted
	SCR SYSTEM DETAILS	V DRWG	H2301-P59-130251									11/3/2011					RS			Submitted
	SCR SYSTEM DETAILS	V DRWG	H2301-P59-130252									11/3/2011					RS			Submitted
	SCR SYSTEM GENERAL ARRANGMENT TURNING VANES LAYOUT	V DRWG	H2301-P59-130253									11/3/2011					RS			Submitted
	SCR SYSTEM ISOMETRIC VIEW PLATFORMS AND LADDERS	V DRWG	H2301-P59-130321									11/3/2011					RS			Submitted
	SCR SYSTEM PLATFORMS AND LADDER PLANS AND ELEVATION	V DRWG	H2301-P59-130322									11/3/2011					RS			Submitted
	SCR SYSTEM PLATFORMS AND LADDER SECTIONS AND DETAILS	V DRWG	H2301-P59-130323									11/3/2011					RS			Submitted
STRUC-1-8.6	AIR TEMPERING DUCTWORK TYPICAL NOTES	V DRWG	H2301-P59-130261									4/4/2012					RS			Submitted
	AIR TEMPERING DUCTWORK TYPICAL NOTES	V DRWG	H2301-P59-130262									4/4/2012					RS			Submitted
	AIR TEMPERING DUCTWORK FOUNDATION LOADS PLAN VIEW	V DRWG	H2301-P59-130264									4/4/2012					RS			Submitted
	AIR TEMPERING DUCTWORK ELEVATION	V DRWG	H2301-P59-130265									4/4/2012					RS			Submitted
	AIR TEMPERING DUCTWORK DETAILS	V DRWG	H2301-P59-130266									4/4/2012					RS			Submitted
	AIR TEMPERING DUCTWORK DETAILS	V DRWG	H2301-P59-130267									4/4/2012					RS			Submitted
	AIR TEMPERING DUCTWORK DETAILS	V DRWG	H2301-P59-130268									4/4/2012					RS			Submitted
	AIR TEMPERING DUCTWORK DETAILS	V DRWG	H2301-P59-130270									4/4/2012					RS			Submitted
	AIR TEMPERING DUCTWORK DETAILS	V DRWG	H2301-P59-130271									4/4/2012					RS			Submitted
	AIR TEMPERING DUCTWORK DETAILS	V DRWG	H2301-P59-130273									4/4/2012					RS			Submitted
	AIR TEMPERING DUCTWORK DETAILS	V DRWG	H2301-P59-130274									4/4/2012					RS			Submitted
	AIR TEMPERING DUCTWORK DETAILS	V DRWG	H2301-P59-130275									4/4/2012					RS			Submitted
	AIR TEMPERING DUCTWORK DETAILS	V DRWG	H2301-P59-130276									4/4/2012					RS			Submitted
	AIR TEMPERING DUCTWORK DETAILS	V DRWG	H2301-P59-130278									4/4/2012					RS			Submitted
STRUC-1-8.7	GENERAL ARRAGEMENT AND NOTES	V DRWG	H2301-P59-130750-S1									2/15/2012					RS			Submitted
	ANCHOR BOLT PLAN AND LOADS	V DRWG	H2301-P59-130750-S2									2/15/2012					RS			Submitted
	ANCHOR BOLT DETAILS	V DRWG	H2301-P59-130750-S3									2/15/2012					RS			Submitted
	ANCHOR BOLT DETAILS	V DRWG	H2301-P59-130750-S4									2/15/2012					RS			Submitted
	LIFT A - ELEVATION AND PLAN	V DRWG	H2301-P59-130750-SA1									2/15/2012					RS			Submitted
	LIFT A - FALSE BOTTOM DETAILS	V DRWG	H2301-P59-130750-SA2									2/15/2012					RS			Submitted
	LIFT A - FIELS SPLICE DETAILS	V DRWG	H2301-P59-130750-SA3									2/15/2012					RS			Submitted
	TEST PLATFORM PLAN	V DRWG	H2301-P59-130750-SH1									2/15/2012					RS			Submitted
	TEST PLATFORM DETAILS	V DRWG	H2301-P59-130750-SH2									2/15/2012					RS			Submitted
	TEST PLATFORM POST DETAILS	V DRWG	H2301-P59-130750-SH3									2/15/2012					RS			Submitted
	OFFSET PLATFORM PLAN AND DETAILS	V DRWG	H2301-P59-130750-SH4									2/15/2012					RS			Submitted
	OFFSET PLATFORM POST DETAILS	V DRWG	H2301-P59-130750-SH5									2/15/2012					RS			Submitted
	LIFTING DETAILS	V DRWG	H2301-P59-130750-SK1									2/15/2012					RS			Submitted
	LIFTING DETAILS	V DRWG	H2301-P59-130750-SK2									2/15/2012					RS			Submitted
	LIFTING DETAILS	V DRWG	H2301-P59-130750-SK3									2/15/2012					RS			Submitted
	UPPER LADDER DETAILS	V DRWG	H2301-P59-130750-SJ1									2/15/2012					RS			Submitted
	LOWER LADDER DETAILS	V DRWG	H2301-P59-130750-SJ2									2/15/2012					RS			Submitted
	LOWRE LADDER DETAILS	V DRWG	H2301-P59-130750-SJ3									2/15/2012					RS			Submitted
	LIFT B - PLAN VIEWS	V DRWG	H2301-P59-130750-SB2									2/15/2012					RS			Submitted
	LIFT B - FIELD SLICE DETAILS	V DRWG	H2301-P59-130750-SB3									2/15/2012					RS			Submitted
	LIFT C - PLAN VIEWS	V DRWG	H2301-P59-130750-SC2									2/15/2012					RS			Submitted
	LIFT C - VERTICAL FIELD SPLICE DETAILS	V DRWG	H2301-P59-130750-SC3									2/15/2012					RS			Submitted

	LIFT C - HORIZONTAL FIELD SPLICE DETAILS	V DRWG	H2301-P59-130750-SC4									2/15/2012					RS			Submitted
	LIFT D - ELEVATION AND PLAN	V DRWG	H2301-P59-130750-SD1									2/15/2012					RS			Submitted
	LIFT D - SUPPORT DETAILS	V DRWG	H2301-P59-130750-SD2									2/15/2012					RS			Submitted
	LIFT D - VERTICAL FIELD SPLICE DETAILS	V DRWG	H2301-P59-130750-SD3									2/15/2012					RS			Submitted
	LIFT D - HORIZONTAL FIELD SPLICE 3 DETAILS	V DRWG	H2301-P59-130750-SD4									2/15/2012					RS			Submitted
	LIFT D - HORIZONTAL FIELD SPLICE 4 DETAILS	V DRWG	H2301-P59-130750-SD5									2/15/2012					RS			Submitted
	LIFT E - ELEVATION	V DRWG	H2301-P59-130750-SE1									2/15/2012					RS			Submitted
	LIFT E - PERSONNEL PROTECTION DETAILS	V DRWG	H2301-P59-130750-SE2									2/15/2012					RS			Submitted
	LIFT E - PLAN VIEWS	V DRWG	H2301-P59-130750-SE3									2/15/2012					RS			Submitted
	LIFT E - FIELD SPLICE DETAILS	V DRWG	H2301-P59-130750-SE4									2/15/2012					RS			Submitted
	LIFT F - ELEVATION	V DRWG	H2301-P59-130750-SF1									2/15/2012					RS			Submitted
	LIFT F - TEST PORT AND DAVIT DETAILS	V DRWG	H2301-P59-130750-SF2									2/15/2012					RS			Submitted
	LIFT F - PERSONNEL PROTECTION DETAILS	V DRWG	H2301-P59-130750-SF3									2/15/2012					RS			Submitted
	LIFT F - PLAN VIEWS	V DRWG	H2301-P59-130750-SF4									2/15/2012					RS			Submitted
	LIFT F - FIELD SPLICE DETAILS	V DRWG	H2301-P59-130750-SF5									2/15/2012					RS			Submitted
	INLET - SIDE PANEL ELEVATION AND DETAILS	V DRWG	H2301-P59-130750-SG1									2/15/2012					RS			Submitted
	INLET - SIDE PANEL DETAILS	V DRWG	H2301-P59-130750-SG2									2/15/2012					RS			Submitted
	INLET - SIDE PANEL X-BRACING DETAILS	V DRWG	H2301-P59-130750-SG3									2/15/2012					RS			Submitted
	INLET - TOP PANEL DETAILS	V DRWG	H2301-P59-130750-SG4									2/15/2012					RS			Submitted
	INLET - TOP PANEL DETAILS	V DRWG	H2301-P59-130750-SG5									2/15/2012					RS			Submitted
	INLET - BOTTOM PANEL DETAILS	V DRWG	H2301-P59-130750-SG6									2/15/2012					RS			Submitted
	INLET - BOTTOM PANEL DETAILS	V DRWG	H2301-P59-130750-SG7									2/15/2012					RS			Submitted
	INLET - STRUCTURAL STEEL DETAILS	V DRWG	H2301-P59-130750-SG8									2/15/2012					RS			Submitted
	INLET - STRUCTURAL STEEL DETAILS	V DRWG	H2301-P59-130750-SG9									2/15/2012					RS			Submitted
	INLET - STRUCTURAL STEEL DETAILS	V DRWG	H2301-P59-130750-SG10									2/15/2012					RS			Submitted
	INLET - STRUCTURAL STEEL DETAILS	V DRWG	H2301-P59-130750-SG11									2/15/2012					RS			Submitted
	INLET - STRUCTURAL STEEL DETAILS	V DRWG	H2301-P59-130750-SG12									2/15/2012					RS			Submitted
	INLET - STRUCTURAL STEEL DETAILS	V DRWG	H2301-P59-130750-SG13									2/15/2012					RS			Submitted
	INLET - STRUCTURAL STEEL DETAILS	V DRWG	H2301-P59-130750-SG14									2/15/2012					RS			Submitted
	INLET - FLANGE AND E.J. DETAILS	V DRWG	H2301-P59-130750-SG15									2/15/2012					RS			Submitted
	INLET - E.J. BACKING BAR DETAILS	V DRWG	H2301-P59-130750-SG16									2/15/2012					RS			Submitted
	LINER - GENERAL LINER DETAILS	V DRWG	H2301-P59-130750-SL1									2/15/2012					RS			Submitted
	LIFT C - ELEVATION	V DRWG	H2301-P59-130750-SC1									2/15/2012					RS			Submitted
STRUC-1-8.8	INLET DUCT ACOUSTICAL SHROUD - GENERAL ARRANGEMENT - WALL PANELS	V DRWG	ST11-115-400														RS			Not Submitted
	INLET DUCT ACOUSTICAL SHROUD - GENERAL ARRANGEMENT - WALL SECTIONS AND DETAILS	V DRWG	ST11-115-401														RS			Not Submitted
	INLET DUCT ACOUSTICAL SHROUD - GENERAL ARRANGEMENT - ROOF PANELS	V DRWG	ST11-115-402														RS			Not Submitted
	INLET DUCT ACOUSTICAL SHROUD - GENERAL ARRANGEMENT - ROOF SECTIONS AND DETAILS	V DRWG	ST11-115-403														RS			Not Submitted
	SUPPORT COLUMNS LOCATION AND BASEPLATE DETAILS	V DRWG	ST11-115-404									5/18/2012	5/25/2012	6/14/2012			RS			Submitted
	FOUNDATION LOAD TABLE	V DRWG	ST11-115-405									5/18/2012	5/25/2012	6/14/2012			RS			Submitted
	INLET DUCT SOUND SHROUD - UNITS 1-4 CALCULATIONS 1 OF 3	CALC	ST11-115-C PART 1									5/18/2012	5/25/2012	6/14/2012			RS			Submitted
	INLET DUCT SOUND SHROUD - UNITS 1-4 CALCULATIONS 2 OF 3	CALC	ST11-115-C PART 2									5/18/2012	5/25/2012	6/14/2012			RS			Submitted
	INLET DUCT SOUND SHROUD - UNITS 1-4 CALCULATIONS 3 OF 3	CALC	ST11-115-C PART 3									5/18/2012	5/25/2012	6/14/2012			RS			Submitted
~~**STRUC-1-9.0**~~	~~FOUNDATION LOCATION PLAN~~	~~DRWG~~	~~SF-000~~	~~8/23/2011~~	~~8/23/2011~~	~~07/13/11~~				~~9/27/2011~~	~~9/27/2011~~						RS			
STRUC-1-10.0	ANCHOR BOLT DETAILS	DRWG	SF-200							3/1/2011	3/1/2011	3/10/2011		10/28/2011	11/07/11		RS			Approved
	TYPICAL CONCRETE DETAILS	DRWG	SF-201							3/1/2011	3/1/2011	3/10/2011		11/17/2011	12/08/11		RS			Approved
STRUC-1-11.0	PRECAST CONCRETE	TSpc	933							6/2/2011	6/1/2011	6/3/2011	REF		07/12/11		RS			Approved
STRUC-1-12.0	SCR SYSTEM UNIT #1 FAN FOUNDATION PILING PLAN	DRWG	NN	5/21/2011	5/21/2011	08/12/11	08/29/11			6/30/2011	6/30/2011	9/13/2011			09/15/11		RS			Approved
	SCR SYSTEM UNIT #2 FAN FOUNDATION PILING PLAN	DRWG	SF-075B	5/21/2011	5/21/2011	08/12/11	08/29/11			6/30/2011	6/30/2011	9/13/2011			09/15/11		RS			Approved
	SCR SYSTEM UNIT #3 FAN FOUNDATION PILING PLAN	DRWG	SF-075C	5/21/2011	5/21/2011	08/12/11	08/29/11			6/30/2011	6/30/2011	9/13/2011			09/15/11		RS			Approved
	SCR SYSTEM UNIT #4 FAN FOUNDATION PILING PLAN	DRWG	SF-075D	5/21/2011	5/21/2011	08/12/11	08/29/11			6/30/2011	6/30/2011	9/13/2011			09/15/11		RS			Approved
	CT EXHAUST/SCR COOLING AIR FAN PILING	CALC	910R-01	5/21/2011	5/21/2011	08/12/11	08/29/11			6/30/2011	6/30/2011	9/13/2011			09/15/11		RS			Approved
STRUC-1-12.1	TEMP AIR FAN INTAKE STACK CALC	v CALC	H2301-C59-130810			08/11/11						11/2/2011		3/13/2012	04/02/12		RS			Approved
	TAS FAN SUPPORT CALCULATION	v CALC	H2301-C59-130808			08/11/11						11/2/2011		3/13/2012	04/02/12		RS			Approved
	STRUCTURAL CALCULATIONS - HOT SCR/CO EMISSIONS CONTROLS SYSTEM - SUPPLEMENTAL	v CALC	H2301-C59-130807-SUP									11/2/2011		3/13/2012	04/02/12		RS			Approved
	AIR TEMPERING DUCT COLUMN BASE PLATE CALCULATION	v CALC	H2301-C59-130803-1									11/2/2011		3/13/2012	04/02/12		RS			Approved
	RESPONSE LETTER	LETTER	RESPONSE LETTER											3/13/2012	04/02/12		RS			Approved
STRUC-1-12.2	TAS Fan Duct Support	v CALC	H2301-P59-130269									11/2/2011	3/21/2012	1/10/2012	03/29/12		RS			Approved
	AIR TEMPERING DUCT WORK DETAILS		H2301-P59-30275											1/10/2012	03/29/12		RS			Approved
STRUC-1-13.0	FUEL GAS CONDITIONER AND FUEL GAS REGULATING SKID FOUNDATION AND PILE DESIGN	CALC	910D-04	6/15/2011	8/5/2011	08/10/11	9/8/2011			7/20/2011	7/20/2011	9/29/2011			10/17/11		RS			Approved
	FUEL GAS CONDITIONING AND REGULATING SKID FOUNDATION PILING PLAN	DRWG	SF-046	6/15/2011	8/5/2011	08/10/11	9/8/2011			7/20/2011	7/20/2011	9/29/2011			10/17/11		RS			Approved
	FUEL GAS CONDITIONING AND REGULATING SKID FOUNDATION PILING PLAN, SECTIONS AND DETAILS	DRWG	SF-047			08/10/11	9/8/2011					9/29/2011	2/15/2012	3/9/2012	03/21/12		RS			Approved
STRUC-1-13.1	FUEL GAS PIPE MISC SUPPORTS AND SUPPORT FOUNDATIONS	CALC	910R-13									1/30/2012	2/22/2012	3/9/2012	03/27/12		RS			Approved
	FUEL GAS PIPE SUPPORTS FOUNDATION PLAN, SECTIONS AND DETAILS	DRWG	SF-100									1/30/2012	2/22/2012	5/14/2012	05/17/12		RS			Approved
STRUC-1-14.0	CTG STEP-UP TRANSFORMER FOUNDATION PILING	CALC	910G-01	5/12/2011	5/12/2011					6/16/2011	6/16/2011	5/10/2011		6/13/2011	06/21/11		RS			Approved
	UNIT #1 CTG STEP-UP TRANSFORMER FOUNDATION PILING PLAN	DRWG	SF-080	5/12/2011	5/12/2011	05/10/11				6/16/2011	6/16/2011	6/13/2011		8/19/2011	09/01/11		RS			Approved
	UNIT #2 CTG STEP-UP TRANSFORMER FOUNDATION PILING PLAN	DRWG	SF-082			05/10/11						6/13/2011		8/19/2011	09/01/11		RS			Approved
	UNIT #4 CTG STEP-UP TRANSFORMER FOUNDATION PILING PLAN	DRWG	SF-086			05/10/11						6/13/2011		8/19/2011	09/01/11		RS			Approved
	CALCULATION	DRWG	201-CA-0023			05/10/11			06/07/11								RS			Not Submitted
	D-7309 OUTLINE_REV5	DRWG	201-EE-0003			05/10/11			06/07/11								RS			Not Submitted
	C-4610 TRANSFORMER BASE _REV3	DRWG	201-FN-0003			05/10/11			06/07/11								RS			Not Submitted
STRUC-1-15.0	CTG STEP-UP TRANSFORMER FOUNDATION	CALC	910G-02	6/25/2011	6/25/2011	07/13/11	08/12/01			7/30/2011	7/30/2011	8/24/2011		11/4/2011	3/1/2012		RS			Approved
	#1 CTG STEP-UP TRANSFORMER FOUNDATION	DRWG	SF-081	6/25/2011	6/25/2011	07/13/11	08/12/01			7/30/2011	7/30/2011	8/24/2011		11/4/2011	3/1/2012		RS			Approved
	#2 CTG STEP-UP TRANSFORMER FOUNDATION	DRWG	SF-083			07/13/11	08/12/01					8/24/2011		11/4/2011	3/1/2012		RS			Approved
	#4 CTG STEP-UP TRANSFORMER FOUNDATION	DRWG	SF-087			07/13/11	08/12/01					8/24/2011		11/4/2011	3/1/2012		RS			Approved
STRUC-1-16.0	SERVICE WATER PUMPS FOUNDATION	CALC		6/2/2011	6/2/2011					7/7/2011	7/7/2011						RS			Not Submitted
	SERVICE WATER PUMPS FOUNDATION PLAN AND DETAILS	DRWG	SF-035	6/2/2011	6/2/2011					7/7/2011	7/7/2011						RS			Not Submitted
	CT EVAP COOLER MAKE UP PUMPS FOUNDATION	CALC		9/20/2011	9/20/2011					10/25/2011	10/25/2011						RS			Not Submitted
	CT EVAP COOLER MAKE UP PUMPS FOUNDATION PLAN, SECTIONS AND DETAILS	DRWG	SF-041	9/20/2011	9/20/2011					10/25/2011	10/25/2011						RS			Not Submitted
	WASTE WATER PUMPS FOUNDATION	CALC		6/15/2011	6/15/2011					7/20/2011	7/20/2011						RS			Not Submitted
	WASTE WATER PUMPS FOUNDATION PLAN, SECTIONS AND DETAILS	DRWG	SF-038	6/15/2011	6/15/2011					7/20/2011	7/20/2011						RS			Not Submitted

STRUC-1-17.0	TCA/ROTOR AIR COOLER FOUNDATION PILING	CALC		4/28/2011	4/28/2011					6/3/2011	6/3/2011						RS			Not Submitted
	TCA/ROTOR AIR COOLER FOUNDATION PILING PLAN	DRWG	SF-056	4/28/2011	4/28/2011					6/3/2011	6/3/2011						RS			Not Submitted
STRUC-1-18.0	TCA/ROTOR AIR COOLER FOUNDATION (FM?)	CALC		5/31/2011	5/31/2011					7/14/2011	7/14/2011						RS			Not Submitted
	TCA/ROTOR AIR COOLER FOUNDATION PLAN, SECTIONS AND DETAILS	DRWG	SF-057	5/31/2011	5/31/2011					7/14/2011	7/14/2011						RS			Not Submitted
STRUC-1-19.0	CT EXHAUST/SCR COOLING AIR FAN FOUNDATION	CALC	910R-02			09/02/11				7/7/2011	7/7/2011	10/10/11			10/17/11		RS			Approved
	SCR FAN FOUNDATION PRE-POUR EMBEDMENT PLAN	DRWG	SF-076			09/02/11				7/7/2011	7/7/2011	10/10/11		6/26/2012	12/07/11		RS			Submitted
	SCR FAN FOUNDATION PRE-POUR EMBEDMENT PLAN	DRWG	SF-076A			09/02/11						10/10/11		6/26/2012	10/17/11		RS			Submitted
	SCR FAN FOUNDATION SECTIONS AND DETAILS	DRWG	SF-076B			09/02/11						10/10/11		11/10/2011	12/07/11		RS			Approved
	SCR FAN FOUNDATION PRE-POUR EMBEDMENT DETAILS	DRWG	SF-076C			09/02/11						10/10/11			10/17/11		RS			Approved
STRUC-1-20.0	RAW WATER STORAGE TANK FOUNDATION	CALC	910Q-01	6/3/2011	6/3/2011	04/25/11	04/28/11			7/13/2011	7/13/2011	5/20/2011			05/26/11		RS			Approved
	RAW WATER STORAGE TANK FOUNDATION PLAN, SECTIONS AND DETAILS	DRWG	SF-034	6/3/2011	6/3/2011	04/25/11	04/28/11			7/13/2011	7/13/2011	5/20/2011			05/26/11		RS			Approved
	ANCHOR BOLT LAYOUT- RAW WATER STORAGE TANK	DRWG	AB-RWT									5/20/2011			05/26/11		RS			Approved
	RAW WATER TANK	CALC	02187-001									5/20/2011			05/26/11		RS			Approved
STRUC-1-21.0	NON-SEG BUS DUCT	CALC	910R-14									1/31/2012	02/22/12	6/25/2012	06/26/12		RS			Approved
	NON-SEG BUS DUCT	DRWG	SF-094									1/31/2012	02/22/12	5/16/2012	06/26/12		RS			Approved
	NON-SEG BUS DUCT	DRWG	SF-095									1/31/2012	02/22/12	5/16/2012	06/26/12		RS			Approved
STRUC-1-21.1	NON-SEG BUS DUCT SUPPORT CALC	V DRWG	842B-CA-0002-0011			01/31/12	02/22/12										RS			Comments
	SINGLE COLUMN SUPPORT W/ KNEE BRACE FOR 18.50 BUS	V DRWG	AY-Y00126			01/31/12	02/22/12										RS			Comments
	SINGLE COLUMN SUPPORT FOR 18.50 BUS	V DRWG	AY-Y00127			01/31/12	02/22/12										RS			Comments
	DOUBLE COLUMN SUPPORT W/ KNEE BRACE FOR 40.00 BUS	V DRWG	AY-Z00268			01/31/12	02/22/12										RS			Comments
	SHEET 1 AND SHEET 2	V DRWG	AY-Z00275			01/31/12	02/22/12										RS			Comments
	SHEET 1 AND SHEET 2	V DRWG	AY-Z00276			01/31/12	02/22/12										RS			Comments
	MASTER LAYOUT, 5KV 500A SIEMENS	VDRWG	106786-5KV				06/27/12	06/14/12									RS			Comments
	MASTER LAYOUT, 600V 300A SIEMENS	VDRWG	106789-600V				06/27/12	06/14/12									RS			Comments
	SUPPORT CALCULATIONS	VCALC	CALCULATIONS				06/27/12	06/14/12									RS			Comments
STRUC-1-22.0	RO PERMEATE AND WASTE WATER TANK FOUNDATION	CALC	910Q-02	6/3/2011	6/3/2011	04/25/11	05/13/11			7/13/2011	7/13/2011	5/20/2011			06/02/11		RS			Approved
	RO PERMEATE TANK FOUNDATION PLAN, SECTIONS AND DETAILS	DRWG	SF-040	6/9/2011	6/9/2011	04/25/11	05/13/11			7/13/2011	7/13/2011	5/20/2011			06/02/11		RS			Approved
	WASTE WATER STORAGE TANK FOUNDATION PLAN, SECTIONS AND DETAILS	DRWG	SF-037	6/15/2011	6/15/2011	04/25/11	05/13/11			7/20/2011	7/20/2011	5/20/2011			06/02/11		RS			Approved
	ANCHOR BOLT LAYOUT- RO PERMEATE STORAGE TANK	DRWG	AB-ROPT									5/20/2011			06/02/11		RS			Approved
	ANCHOR BOLT LAYOUT- WASTE WATER STORAGE TANK	DRWG	AB-WWT									5/20/2011			06/02/11		RS			Approved
	RO PERMEATE STORAGE TANK	CALC	02187-002									5/20/2011			06/02/11		RS			Approved
	WASTE WATER TANK	CALC	02187-003									5/20/2011			06/02/11		RS			Approved
~~**STRUC-1-23.0**~~	~~CT EVAP COOLER MAKE UP PUMPS FOUNDATION~~	~~CALC~~		~~9/20/2011~~	~~9/20/2011~~					~~10/25/2011~~	~~10/25/2011~~						RS			
	~~CT EVAP COOLER MAKE UP PUMPS FOUNDATION PLAN, SECTIONS AND DETAILS~~	~~DRWG~~	~~SF-041~~	~~9/20/2011~~	~~9/20/2011~~					~~10/25/2011~~	~~10/25/2011~~						RS			
STRUC-1-24.0	CTG & AIR INLET FOUNDATION PILING	CALC	910A-01	4/29/2011	4/29/2011					6/4/2011	6/4/2011	5/9/2011	5/31/2011	9/29/2011	08/05/11		RS			Submitted
	CTG & AIR INLET FOUNDATION PILING PLAN	DRWG	SF-005	4/29/2011	4/29/2011	05/09/11				6/4/2011	6/4/2011	6/22/2011		8/15/2011	08/05/11		RS			Submitted
	CTG & AIR INLET FOUNDATION PLAN	DRWG	SF-006	4/29/2011	4/29/2011	05/09/11				7/14/2011	7/14/2011	6/22/2011		8/15/2011	08/05/11		RS			Submitted
	CTG & AIR INLET FOUNDATION PLAN	DRWG	SF-007	4/29/2011	4/29/2011	05/09/11				7/14/2011	7/14/2011	6/22/2011	10/10/2011	10/6/2011	08/05/11		RS			Comments
	CTG FOUNDATION PRE-POUR EMBEDMENT PLAN	DRWG	SF-008	4/29/2011	4/29/2011	05/09/11				7/14/2011	7/14/2011	6/22/2011	10/10/2011	10/6/2011	08/05/11		RS			Comments
STRUC-1-24.2	FOUNDATION LOADING CALCULATIONS	CALC	201-CA-0001			05/09/11	6/9/2011					11/9/2011			12/12/11		RS			Approved
TURNING GEAR	US1033-XB-MBJ-2005400101	DRWG	201-FN-0010			05/09/11	06/09/11					11/9/2011			12/12/11		RS			Approved
	US1033-XB-MBJ-2005400201	DRWG	201-FN-0010			05/09/11						11/9/2011			12/12/11		RS			Approved
	FOUNDATION LOADING CALCULATIONS - VENDOR RESPONSE											11/9/2011			12/12/11		RS			Approved
STRUC-1-24.3	US1033-XB-MBJ-2005400101	DRWG	201-FN-0010			05/09/11	06/09/11						2/17/2012				RS			Comments
TURNING GEAR PLATFORM	US1033-XB-MBJ-2005400201	DRWG	201-FN-0010			05/09/11							2/17/2012				RS			Comments
	TG PLATFORM	DRWG	201-RE-0039			05/09/11	06/09/11						2/17/2012				RS			Comments
	TURNING GEAR SSEMBLY	VDRWG	201-FN-0035-001									5/15/2012	6/15/2012				RS			Comments
	STRUCTURAL ANALYIST AND DESIGN PACKAGE	DRWG	201-FN-0125-001									5/15/2012	6/15/2012				RS			Comments
STRUC-1-24.4	GEN-ANCHORS	DRWG	201-RE-0041			05/09/11			REF						02/15/12		RS			Approved
GENERATOR	US1033-VB00-MKA-2005500101	DRWG	201-FN-0011			05/09/11			REF						02/15/12		RS			Approved
	US1033-VB00-MKA-2005500201	DRWG	201-FN-0011			05/09/11			REF						02/15/12		RS			Approved
	US1033-VB00-MKA-2005500301	DRWG	201-FN-0011			05/09/11			REF						02/15/12		RS			Approved
	US1033-VB00-MKA-2005500401	DRWG	201-FN-0011			05/09/11			REF						02/15/12		RS			Approved
STRUC-1-24.5	STRUCTURAL CALCULATION	CALC	201-CA-0013			05/09/11	05/25/11					11/9/2011			01/09/12		RS			Approved
GENERATOR ENCLOSURE	EXCITHOUSECALC-SIGNED	CALC	201-CA-0014			05/09/11			REF			11/9/2011			01/09/12		RS			Approved
	ANCHOR BOLT LAYOUT PULSE FILTER	V DRWG	7537-S01 -SIGNED									11/9/2011			01/09/12		RS			Approved
	ANCHOR BOLT DETAILS	V DRWG	7537-S02 -SIGNED									11/9/2011			01/09/12		RS			Approved
	ROOF FRAMING PLAN & DETAILS	V DRWG	7537-S03 -SIGNED									11/9/2011			01/09/12		RS			Approved
	WALL ELEVATION GRID LINES '1' & 'A'	V DRWG	7537-S04 -SIGNED									11/9/2011			01/09/12		RS			Approved
	WALL ELEVATION GRID LINE '4'	V DRWG	7537-S05 -SIGNED									11/9/2011			01/09/12		RS			Approved
	SECTION AT GRID LINE 'B'	V DRWG	7537-S06 -SIGNED									11/9/2011			01/09/12		RS			Approved
	FILTER HOUSE & INTAKE SILENCER SUPPORT FRAME	V DRWG	7537-S07 -SIGNED									11/9/2011			01/09/12		RS			Approved
	EXHAUST SILENCER SUPPORT FRAME	V DRWG	7537-S08 -SIGNED									11/9/2011			01/09/12		RS			Approved
STRUC-1-24.6	US1033-XB00-MKA-2020300101	DRWG	201-FN-0030			05/09/11			REF								RS			Approved
GENERATOR AIR FILTER	SEI US1033-XL00-MB-201300	V DRWG	201-SP-0030														RS			Not Submitted
STRUC-1-24.7	CT-SEISMIC LOAD CALC	DRWG	201-CA-0012			05/09/11	05/23/01					12/9/2011			03/13/12		RS			Approved
TURBINE	US1033-XB00-MB-2005600	DRWG	201-FN-0008			05/09/11			REF			12/9/2011			03/13/12		RS			Approved
	US1033-XB00-MB-2005200101	DRWG	201-FN-0007			05/09/11			REF								RS			Approved
STRUC-1-24.8	CALCS 2011-01-22	DRWG	201-CA-0011			05/09/11			REF								RS			Approved
TURBINE ENCLOSURE	US1033-XB00-MB-2005600101	V DRWG	201-FN-0008			05/09/11			REF								RS			Approved
	CALCULATIONS	VDRWG	201-CA-0011-001			05/16/12							6/6/2012				RS			Comments
	GAS TURBINE POWER BLOCK TURBINE AREA FOUNDATION - SGT-5000F-1	VDRWG	201-FN-0008-001			05/16/12							6/6/2012				RS			Comments

	GAS TURBINE POWER BLOCK TURBINE AREA FOUNDATION - SGT-5000F-2	VDRWG	201-FN-0008-001			05/16/12							6/6/2012				RS			Comments
	GAS TURBINE POWER BLOCK TURBINE AREA FOUNDATION - SGT-5000F-3	VDRWG	201-FN-0008-001			05/16/12							6/6/2012				RS			Comments
	GAS TURBINE POWER BLOCK TURBINE AREA FOUNDATION - SGT-5000F-4	VDRWG	201-FN-0008-001			05/16/12							6/6/2012				RS			Comments
	GAS TURBINE POWER BLOCK TURBINE AREA FOUNDATION - SGT-5000F-5	VDRWG	201-FN-0008-001			05/16/12							6/6/2012				RS			Comments
	GAS TURBINE POWER BLOCK TURBINE AREA FOUNDATION - SGT-5000F-6	VDRWG	201-FN-0008-001			05/16/12							6/6/2012				RS			Comments
STRUC-1-24.9	SIEMENS - ENGINEERING CALCULATIONS	V DRWG	201-CA-0016-001			05/16/12											RS			Submitted
EXHAUST TRANSTION	SIEMENS - CALCULATIONS	V DRWG	201-CA-0017-001			05/16/12											RS			Submitted
	ZDX559-XB00-MBR-00000201101	V DRWG	201-FN-0015			05/09/11			REF								RS			Approved
	SEI 9704-001	V DRWG	201-ME-0011														RS			Not Submitted
	SEI US1033-XL00-MB-201300	V DRWG	01-SP-0030														RS			Not Submitted
STRUC-1-24.10	SEI RST JOB #10212		201-CA-003														RS			Not Submitted
AIR TANK RECIEVER	SEI ZDX559-XB00-MBR-000002		201-FN-0015														RS			Not Submitted
	SEI 9704-001		201-ME-0011														RS			Not Submitted
	SEI US1033-XB00-MB-200560		201-FN-0008														RS			Not Submitted
STRUC-1-24.11	9692-CLC-002	DRWG	201-CA-0024			05/09/11			REF								RS			Approved
INLET DUCT & SILENCER	9692-CLC-003	DRWG	201-CA-0025			05/09/11			REF								RS			Approved
	INLET SILENCER	DRWG	201-GA-0005			05/09/11			REF								RS			Approved
STRUC-1-24.12	FOUNDATION LOAD & EQUIPMENT ANCHORAGE DESIGN REPORT		201-RE-0028-001														RS			Not Submitted
FILTER HOUSE	INLET AIR FILTER - SEI 7-210100-XX-2	DRWG	201-FN-0033			05/09/11			REF								RS			Approved
STRUC-1-24.13	CENTER OF GRAVITY FOUNDATION LOADS	DRWG	201-CA-0005			05/09/11	5/23/2011					1/12/2012	2/17/2012				RS			Comments
LUBE OIL PACKAGE	23600A-10FL-001_REV0	DRWG	201-FN-0005			05/09/11			REF			1/12/2012	2/17/2012				RS			Comments
	23600A_10-FL002_REV0	DRWG	201-FN-0006			05/09/11			REF			1/12/2012	2/17/2012				RS			Comments
	US1033-XB00-MB-2005900202 SHEET 1/2	V DRWG	201-FN-0009			05/09/11			REF			1/12/2012	2/17/2012				RS			Comments
	US1033-XB00-MB-2005900202 SHEET 2/2	V DRWG	201-FN-0009									1/12/2012	2/17/2012				RS			Comments
	CALC LETTER 011112											1/12/2012	2/17/2012				RS			Comments
STRUC-1-24.14	US1033-XB00-MB-2005900102	DRWG	201-FN-0009			05/09/11			REF			12/12/2011	1/26/2012				RS			Comments
ELECTRICAL PACKAGE	US1033-XB00-MB-2005900202	DRWG	201-FN-0009			05/09/11			REF			12/12/2011	1/26/2012				RS			Comments
	11100230 CALCULATIONS	DRWG	201-CA-0010			05/09/11	05/24/11					12/12/2011	1/26/2012				RS			Comments
	11100230-100 REV1 STAMPED	DRWG	201-EP-0002			05/09/11			REF			12/12/2011	1/26/2012				RS			Comments
	11100229-200 REV1 STAMPED	DRWG	201-FN-0002			05/09/11			REF			12/12/2011	1/26/2012				RS			Comments
STRUC-1-24.15	LUBE OIL FIN FAN COOLER	DRWG	201-RE-0051			05/09/11	05/23/11										RS			Comments
LUBE OIL COOLER	SEI 14315-001		201-FN-0018														RS			Not Submitted
STRUC-1-24.16	LO COOLER SPT	DRWG	201-RE-0035			05/09/11	05/23/11										RS			Comments
LUBE OIL COOLER SUPPORT STRUCTURE		REF	201-FN-0009,														RS			Not Submitted
	CALCULATIONS	CALCS	201-CA-0044-001			05/16/12	05/30/12										RS			Comments
	GENERAL ARRANGEMENT		201-GA-0025-001			05/16/12	05/30/12										RS			Comments
STRUC-1-24.17	CALCULATIONS_CBC ORIE2-DS	V DRWG	201-CA-0020			05/09/11	06/02/11										RS			Comments
ROTOR AIR COOLER	LOADS_CBC_ORIE2-DS	VDRWG	KPE 201-CA-0022			05/09/11	06/02/11										RS			Comments
STRUC-1-24.18	ROTO AIR STR	VDRWG	201-RE-0036			05/09/11	06/02/11										RS			Comments
ROTOR AIR COOLER SUPPORT STRUCTUR	SEI ORIE2 123.001-10		KPE 201-CA-0020														RS			Not Submitted
	SEI ORIE2 123.001-10		201-CA-0022														RS			Not Submitted
	ZDX559-XB00-MBH-0000110101	V DRWG	201-FN-0021			05/09/11			REF								RS			Approved
	SEI US1033-XL00-MB-201300		201-SP-0030(4.0.4)														RS			Not Submitted
	RECONFIGURED TABLE	V DRWG	201-CA-0046-001			05/16/12											RS			Comments
	STRUC STEEL CONNECTION CALC	V DRWG	201-CA-0045-001			05/16/12											RS			Comments
STRUC-1-24.19	ZDX559-XB00-MBH-0000120104	VDRWG	201-FN-0022			05/09/11			REF			1/26/2012	2/22/2012				RS			Comments
ROTOR AIR COOLER PIPE SUPPORT	SEI US1033-XL00-MB-201300	V SPEC	201-SP-0030(4.0.16)									1/26/2012	2/22/2012				RS			Comments
	01297 TAB 7	V CALC	201-CA-0036-001			05/09/11			REF			1/26/2012	2/22/2012				RS			Comments
	PIPE SUPPORT & FOUNDATION LOAD CALC	V CALC	201-CA-0032									1/26/2012	2/22/2012				RS			Comments
																	RS			
STRUC-1-24.20	SEI RST JOB #10213		201-CA-0004														RS			Not Submitted
INSTRUMENT AIR COMPRESSOR	ZDX559-XB00-MBX-0000020101	VDRWG	201-FN-0025			05/09/11			REF								RS			Approved
	SEI US1033-XL00-MB-201300		201-SP-0030(4.0.8)														RS			Not Submitted
			FN-0004-001														RS			Not Submitted
STRUC-1-24.21	CALCS - PILOT TANK	V DRWG	201-CA-0018			05/09/11			REF								RS			Approved
FUEL GAS PILOT SEPARATOR	ZDX559-XB00-MBP-0000080102	V DRWG	201-FN-0024			05/09/11			REF								RS			Approved
	SEI US1033-XL00-MB-201300		201-SP-0030(4.0.9)														RS			Not Submitted
STRUC-1-24.22	CALCS-MAIN TANK	V DRWG	201-CA-0031			05/09/11			REF								RS			Approved
FUEL GAS MAIN FILTER SEPARATOR	ZDX559-XB00-MBP-0000070101	V DRWG	201-FN-0023			05/09/11			REF								RS			Approved
	SEI US1033-XL00-MB-201300		201-SP-0030(4.0.6)														RS			Not Submitted
STRUC-1-24.23	RST11026-A	DRWG	201-CA-0019			05/09/11	10/03/11	09/23/11				11/3/2011					RS			Submitted
CONTROL OIL SKID	ZDX559-XB00-MBX-0000040101	V DRWG	201-FN-0026			05/09/11			REF								RS			Approved
	SEI US1033-XL00-MB-201300		201-SP-0030(4.0.5																	
	OIL SKID CALCULATIONS	CALC	RST11026-F4									11/4/2011			11/16/11		RS			Approved
	OIL SKID CBO RESPONSE	CALC	RST11026F4									11/4/2011			11/16/11		RS			Approved
STRUC-1-24.24	CAPE FLD R03 MARSHLANDING	V DRWG	201-CA-0021			05/09/11			REF								RS			Approved
FIRE PROTECTION ENCLOSURE			201-CA-0038-001														RS			Not Submitted
	CA PE FLD R03 MARSHLANDING	V DRWG	201-FN-0012			05/09/11			REF								RS			Approved
	ZDX559-ZB00-SGN-0000030101	V DRWG	201-FN-0028			05/09/11			REF								RS			Approved
	SEI US1033-XL00-MB-201300		201-SP-0030(4.0.7														RS			Not Submitted

STRUC-1-24.25	SEI US1033-XB00-MB-200560		201-FN-0008														RS			Not Submitted
FUEL GAS PIPE SUPPORT	ZDX559-XB00-MBP-00000601102	V DRWG	201-FN-0014			05/09/11			REF								RS			Approved
	SEI ZDX559-XL00-MBP-000002		201-SP-0036														RS			Not Submitted
	SEI US1033-XL00-MB-201300		201-SP-0030(4.0.17)														RS			Not Submitted
STRUC-1-24.26	INLRT HTG PS	V DRWG	201-FN-0034			05/09/11			REF			2/6/2012			02/22/12		RS			Approved
INLET HEATER PIPE	SEI ZDX559-XL00-MBL-000002		201-SP-0037									2/6/2012			02/22/12		RS			Approved
	SEI US1033-XL00-MB-201300		201-SP-0030(4.0.18)									2/6/2012			02/22/12		RS			Approved
STRUC-1-24.27	ZDX559-XB00-MBH-0000030102	V DRWG	201-FN-0031			05/09/11			REF			2/6/2012	3/1/2012				RS			Comments
COOLING AIR BLEED PIPE SUPPORTS	SEI ZDX559-XL00-MBH-000010		201-SP-0038									2/6/2012	3/1/2012				RS			Comments
	SEI US1033-XL00-MB-201300		201-SP-0030(4.0.15)									2/6/2012	3/1/2012				RS			Comments
STRUC-1-24.28	INLET AIR FILTER	V DRWG	201-RE-0033			05/09/11			REF								RS			Approved
EXHAUST END EXTERIOR PLATFORM	ZDX559-XB00-UMX-0000020101	V DRWG	201-FN-0016			05/09/11			REF								RS			Approved
	SEI US1033-XL00-MB-201300		201-SP-0030(4.0.13)																	
STRUC-1-24.29	SS INLET PLTSTR	V DRWG	201-RE-0037			05/09/11			REF								RS			Approved
INLET END EXTERIOR PLATFORM	ZDX559-XB00-UMX-0000030101	V DRWG	201-FN-0017			05/09/11			REF								RS			Approved
	SEI US1033-XL00-MB-201300		201-SP-0030(4.0.14)																	
STRUC-1-24.30	EXH PLT INT	V DRWG	201-RE-0034			05/09/11			REF								RS			Approved
EXHAUST END INTERIOR PLATFORM																				
STRUC-1-24.31	INT PLT LS	V DRWG	201-RE-0032			05/09/11			REF								RS			Approved
LEFT SIDE INTERIOR PLATFORM	SEI US1033-XB00-MB-200560		201-FN-0008																	
STRUC-1-24.32			201-RE-0048-001														RS			Not Submitted
NORTH AND SOUTH EXCITER PLATFORM																				
STRUC-1-24.33	STURCTURAL ANALYSIS FOR TURBINE PIPE RACK	V CALC	201-RE-0031-001									12/21/2011	5/29/2012	5/16/2012			RS			Comments
TURBINE PIPE RACK	SEI 501F-331-105	DRWG	201-RE-0031			05/09/11	05/27/11						2/1/2012				RS			Comments
		VDRWG	ZDX559-VN03-UMX-000020									12/21/2011	2/1/2012				RS			Comments
	RESPONSE TO THE CBO COMMENTS FOR TURBINE PIPE RACK	V DOC										12/21/2011	2/1/2012				RS			Comments
	TURBINE PIPE RACK FABRICATION & MACHINING SIDE INLET - ZDX559-VN03-UMX-0000034 201-PP-0087-001-1	VDRWG	SGT6-5000F									5/16/2012	5/29/2012				RS			Comments
	TURBINE PIPE RACK FABRICATION & MACHINING SIDE INLET - ZDX559-VN03-UMX-0000034 201-PP-0087-001-2	VDRWG	SGT6-5000F									5/16/2012	5/29/2012				RS			Comments
	TURBINE PIPE RACK FABRICATION & MACHINING SIDE INLET - ZDX559-VN03-UMX-0000034 201-PP-0087-001-3	VDRWG	SGT6-5000F									5/16/2012	5/29/2012				RS			Comments
	TURBINE PIPE RACK FABRICATION & MACHINING SIDE INLET - ZDX559-VN03-UMX-0000034 201-PP-0087-001-4	VDRWG	SGT6-5000F									5/16/2012	5/29/2012				RS			Comments
	TURBINE PIPE RACK FABRICATION & MACHINING SIDE INLET - ZDX559-VN03-UMX-0000034 201-PP-0087-001-5	VDRWG	SGT6-5000F									5/16/2012	5/29/2012				RS			Comments
STRUC-1-25.0	DESIGN OF COMBUSTION TURBINE FOUNDATION - MAT AND PEDESTALS	CALC	910A-02	4/29/2011	5/27/2011	07/05/11	08/19/11			7/14/2011	7/14/2011	10/4/2011	10/14/2011	11/16/2011	12/07/11		RS			Approved
	DESIGN OF COMBUSTION TURBINE (CT) FOUNDATION - ANCHORAGE AND EMBEDMENTS	CALC	910A-03	4/29/2011	5/27/2011	07/05/11	08/19/11			7/14/2011	7/14/2011	10/4/2011	10/14/2011	2/2/2012	02/15/12		RS			Approved
	FOUNDATION LOCATION PLAN	DRWG	SF-000			07/05/11	08/19/11					10/4/2011	10/14/2011	4/9/2012	11/09/11		RS			Submitted
	CTG POST-POUR PLACEMENT PLAN	DRWG	SF-009	4/29/2011	5/27/2011	7/5/2011	8/19/2011			7/14/2011	7/14/2011	10/4/2011	10/14/2011	11/16/2011	12/07/11		RS			Approved
	CTG FOUNDATION SECTIONS	DRWG	SF-010	4/29/2011	5/27/2011	7/5/2011	8/19/2011			7/14/2011	7/14/2011	10/4/2011	10/14/2011	12/9/2011	12/07/11		RS			Approved
	CTG FOUNDATION SECTIONS	DRWG	SF-011	4/29/2011	5/27/2011	7/5/2011	8/19/2011			7/14/2011	7/14/2011	10/4/2011	10/14/2011	11/16/2011	12/07/11		RS			Approved
	CTG FOUNDATION DETAILS	DRWG	SF-012	4/29/2011	5/27/2011	7/5/2011	8/19/2011			7/14/2011	7/14/2011	10/4/2011	10/14/2011	11/16/2011	12/07/11		RS			Approved
	CTG FOUNDATION DETAILS	DRWG	SF-013	4/29/2011	5/27/2011	7/5/2011	8/19/2011			7/14/2011	7/14/2011	10/4/2011	10/14/2011	11/16/2011	12/07/11		RS			Approved
	CTG FOUNDATION DETAILS	DRWG	SF-014	4/29/2011	5/27/2011	7/5/2011	8/19/2011			7/14/2011	7/14/2011	10/4/2011	10/14/2011	12/9/2011	12/14/11		RS			Approved
	CTG FOUNDATION DETAILS	DRWG	SF-015	4/29/2011	5/27/2011	7/5/2011	8/19/2011			7/14/2011	7/14/2011	10/4/2011	10/14/2011	6/15/2012	06/26/12		RS			Approved
	DESIGN OF COMBUSTION TURBINE ENCLOSURE ANCHORAGE	CALC	910A-04									6/15/2012			06/26/12		RS			Approved
STRUC-1-26.0	CEMS FOUNDATION	CALC		7/2/2011	7/2/2011					8/27/2011	8/27/2011						RS			Not Submitted
	CEMS FOUNDATION PLAN, SECTIONS AND DETAILS	DRWG	SF-055	7/2/2011	7/2/2011					8/27/2011	8/27/2011						RS			Not Submitted
	CT EXHAUST/SCR COOLING AIR FANS FOUNDATION PILING	CALC		6/1/2011						8/26/2011							RS			Not Submitted
STRUC-1-27.0	TYPICAL CONCRETE DETAILS	DRWG	SF-201A									4/9/2012	5/29/2012	6/28/2012	06/28/12		RS			Approved
	TYPICAL FOUNDATIONS	CALC	910R-16									5/18/2012	5/29/2012	6/28/2012	06/28/12		RS			Approved
	TYPICAL PIPE SUPPORT FOUNDATIONS	CALC	910R-16A									5/18/2012	5/29/2012	6/28/2012	06/28/12		RS			Approved
STRUC-1-28.0	PILOT GAS COOLER FOUNDATION	CALC	910D-07	6/3/2011	6/3/2011	11/03/11				7/13/2011	7/13/2011		12/29/2011	1/11/2012	02/08/12		RS			Approved
	PILOT GAS COOLER FOUNDATION PLAN AND SECTION	DRWG	SF-016	6/3/2011	6/3/2011	11/03/11				7/13/2011	7/13/2011		12/29/2011	1/11/2012	02/08/12		RS			Approved
STRUC-1-28.1	PILOT GAS COOLER FOUNDATION	V DRWG															RS			Not Submitted
~~**STRUC-1-29.0**~~	~~WASTE WATER STORAGE TANK FOUNDATION PLAN, SECTIONS AND DETAILS~~	~~DRWG~~	~~SF-037~~	~~6/15/2011~~	~~6/15/2011~~					~~7/20/2011~~	~~7/20/2011~~						RS			
	~~WASTE WATER STORAGE TANK FOUNDATION~~	~~CALC~~		~~6/15/2011~~	~~6/15/2011~~					~~7/20/2011~~	~~7/20/2011~~						RS			
~~**STRUC-1-30.0**~~	~~DEMINERALIZED WATER TANK FOUNDATION PILING~~	~~CALC~~		~~6/3/2011~~	~~6/3/2011~~					~~7/13/2011~~	~~7/13/2011~~						RS			
	~~DEMINERALIZED WATER TANK FOUNDATION PILING PLAN~~	~~DRWG~~	~~SF-030~~	~~6/3/2011~~	~~6/3/2011~~					~~7/13/2011~~	~~7/13/2011~~						RS			
STRUC-1-31.0	DEMINERALIZED WATER TANKS FOUNDATION	CALC	910Q-03	6/9/2011	6/9/2011					7/14/2011	7/14/2011	12/19/2011	1/10/2012	1/31/2012	02/08/12		RS			Approved
	DEMINERALIZED WATER TANKS FOUNDATION PLAN AND DETAILS	DRWG	SF-031	6/9/2011	6/9/2011					7/14/2011	7/14/2011	12/19/2011	1/10/2012	1/31/2012	02/08/12		RS			Approved
STRUC-1-31.1	DEMIN TANK	DRWG	401-ME-0028-001									2/8/2012			02/09/12		RS			Approved
	FRP TANK CALC	CALC	401-CA-002-001									2/8/2012			02/09/12		RS			Approved
STRUC-1-32.0	GENERAL SERVICE PUMP FOUNDATION	CALC	910U-03	6/9/2011	6/9/2011					7/14/2011	7/14/2011	12/12/2011		3/27/2012	03/29/12		RS			Approved
	GENERAL SERVICE PUMP FOUNDATION PLAN, SECTIONS AND DETAILS	DRWG	SF-032	6/9/2011	6/9/2011					7/13/2011	7/14/2011	12/12/2011		3/27/2012	03/29/12		RS			Approved
	GENERAL SERVICE PUNP FOUNDATION	DRWG	SF-032 A									3/27/2012			03/29/12		RS			Approved
STRUC-1-33.0	PAD MOUNTED TRANSFORMERS	CALC	910G-06									12/8/2011	12/14/2011	12/29/2011	12/30/11		RS			Approved
	PAD MOUNTED TRANSFORMERS FOUNDATION PLANS	DRWG	SF-091	7/21/2011	7/21/2011					8/25/2011	8/25/2011	12/8/2011	12/14/2011	6/22/2012	12/30/11		RS			Approved
STRUC-1-34.0	FUEL GAS DEW POINT HEATER AREA FOUNDATION & PILING	CALC	910D-02	4/9/2011	5/13/2011	7/21/2011				4/30/2011	4/30/2011	8/29/2011	9/8/2011	9/30/2011	10/21/11		RS			Approved

	FUEL GAS DEW POINT HEATER AREA FOUNDATION PILING PLAN	DRWG	SF-058	4/9/2011	5/13/2011	7/21/2011				4/30/2011	4/30/2011	8/29/2011	9/8/2011	9/30/2011	10/21/11		RS			Approved
STRUC-1-35.0	FUEL GAS DEW POINT HEATER AREA FOUNDATION & PILING	CALC	910D-02	4/9/2011	5/13/2011	7/21/2011				6/1/2011	6/1/2011	9/30/2011	10/24/2011	10/14/2011	11/03/11		RS			Approved
	FUEL GAS DEW POINT HEATER AREA PILING PLAN, SECTIONS AND DETAILS (Foundation)	DRWG	SF-059	5/11/2011	5/26/2011	8/15/2011				6/1/2011	6/1/2011	9/30/2011	10/24/2011	10/14/2011	11/03/11		RS			Approved
	SKID ANALYSIS INDIRECT GAS FIRE WATER BATH HEATER	v DRWG	313-RE-0036							6/1/2011	6/1/2011						RS			Not Submitted
STRUC-1-35.1	FUEL GAS HEATER ACCESS PLATFORM STEEL PLAN, SECTIONS AND DETAILS	DRWG	ST-003									7/3/2012					RS			Submitted
STRUC-1-36.0	STATIC EXCITATION EQUIPMENT TRANSFORMER, GENERATOR BREAK, ISOPHASE, GENERATOR VT & SURGE CUBICLE FOUNDATION PILING	CALC	910R-06	6/2/2011	5/27/2011	06/02/11	06/15/11			7/9/2011	7/9/2011	07/01/11			08/05/11		RS			Approved
	STATIC EXCITATION EQUIPMENT TRANSFORMER, GENERATOR BREAK, ISOPHASE, GENERATOR VT & SURGE CUBICLE FOUNDATION PILING PLAN: UNIT 1	DRWG	SF-088A	6/2/2011	5/27/2011	06/02/11	06/15/11			7/9/2011	7/9/2011	07/01/11		8/19/2011	08/29/11		RS			Approved
	STATIC EXCITATION EQUIPMENT TRANSFORMER, GENERATOR BREAK, ISOPHASE, GENERATOR VT & SURGE CUBICLE FOUNDATION PILING PLAN: UNIT 2	DRWG	SF-088B	6/2/2011	5/27/2011	06/02/11	06/15/11					07/01/11		8/19/2011	08/29/11		RS			Approved
	STATIC EXCITATION EQUIPMENT TRANSFORMER, GENERATOR BREAK, ISOPHASE, GENERATOR VT & SURGE CUBICLE FOUNDATION PILING PLAN: UNIT 3	DRWG	SF-088C	6/2/2011	5/27/2011	06/02/11	06/15/11					07/01/11		8/19/2011	08/29/11		RS			Approved
	STATIC EXCITATION EQUIPMENT TRANSFORMER, GENERATOR BREAK, ISOPHASE, GENERATOR VT & SURGE CUBICLE FOUNDATION PILING PLAN: UNIT 4	DRWG	SF-088D	6/2/2011	5/27/2011	06/02/11	06/15/11					07/01/11		8/19/2011	08/29/11		RS			Approved
	STATIC EXCITATION EQUIPMENT TRANSFORMER, GENERATOR BREAK, ISOPHASE, GENERATOR VT & SURGE CUBICLE FOUNDATION PILING - response		910R-06									07/01/11			08/05/11		RS			Approved
STRUC-1-36.1	CALVERT RESPONSES TO CBO COMMENTS	V Dwg	842A-RE-0002-001			07/11/01			08/17/11											Approved
	IPB SUPPORT CALCULATIONS REV. 1	V Dwg	CAL7250			07/11/01			08/17/11											Approved
	BUS DUCT SUPPORTS	V CALC	STRUC CALC				10/28/11								12/14/11		RS			Approved
	APPLIED LOADS FRAME 1, 3 & 4	VENDOR					10/28/11								12/14/11		RS			Approved
	APPLIED LOADS FRAME 2	VENDOR					10/28/11								12/14/11		RS			Approved
	201-CA-0015-001 SEE_SFC Structure CALCulation Rev2	V Dwg	201-CA-0015-001									11/4/2011	12/12/2011	5/16/2012			RS			Submitted
	201-FN-0013-001 SEE_SFC Foundation Loading Rev2	V Dwg	201-FN-0013-001									11/4/2011	12/12/2011				RS			Comments
	SEE/SFC PACKAGE FOUNDATION ARRANGEMENT	V Dwg	US1033-XB00-UMX-2025300102									11/4/2011	12/12/2011	2/10/2012			RS			Submitted
		V Dwg	201-GA-0012											2/10/2012			RS			Submitted
	STATIC START EQUIPMENT CONTAINER GERNERAL ARRANGEMENT & OUTLINE 201-GA-0012-001 SFC SEE 1	VDWG	11110008-100 2 OF 13									5/16/2012					RS			Submitted
	STATIC START EQUIPMENT CONTAINER GERNERAL ARRANGEMENT & OUTLINE 201-GA-0012-001 SFC SEE 2	VDWG	11110008-100 3 OF 13									5/16/2012					RS			Submitted
	STATIC START EQUIPMENT CONTAINER GERNERAL ARRANGEMENT & OUTLINE 201-GA-0012-001 SFC SEE 3	VDWG	11110008-100 5 OF 13									5/16/2012					RS			Submitted
	STATIC START EQUIPMENT CONTAINER GERNERAL ARRANGEMENT & OUTLINE 201-GA-0012-001 SFC SEE 4	VDWG	11110008-100 11 OF 13									5/16/2012					RS			Submitted
	STATIC START EQUIPMENT CONTAINER GERNERAL ARRANGEMENT & OUTLINE 201-GA-0012-001 SFC SEE 5	VDWG	11110008-100 12 OF 13									5/16/2012					RS			Submitted
	STATIC START EQUIPMENT CONTAINER GERNERAL ARRANGEMENT & OUTLINE 201-GA-0012-001 SFC SEE 6	VDWG	11110008-100 13 OF 13									5/16/2012					RS			Submitted
STRUC-1-37.0	Isophase Area Foundation CALCulation	CALC	910R-07	5/17/2011	5/17/2011	08/05/11				6/20/2011	6/20/2011	9/14/2011	11/4/2011	10/28/2011	12/08/11		RS			Approved
	Units #1, 3 and 4 Iso-Phase Support Area Mat Foundations Plan, Sections and Details	DRWG	SF-089A	5/17/2011	5/17/2011	08/05/11				6/20/2011	6/20/2011	9/14/2011	11/4/2011	10/28/2011	12/08/11		RS			Approved
	Unit #2 Iso-Phase Support Area Mat Foundation Plan, Sections and Details	DRWG	SF-089B	5/17/2011	5/17/2011	08/05/11				6/20/2011	6/20/2011	9/14/2011	11/4/2011	10/28/2011	12/08/11		RS			Approved
STRUC-1-37.1	I.P.B. Structural Steel Plan	V Dwg	7250-11-LP			09/19/11	09/30/11					11/23/2011			12/14/11	12/16/2011	RS			Approved
	I.P.B. Structural Steel Anchor Bolt Plan	V Dwg	7250-11-LB			09/19/11	09/30/11					11/23/2011			12/14/11	12/16/2011	RS			Approved
	I.P.B. Structural Steel Sections (Sheet 1 of 3)	V Dwg	7250-11-LL			09/19/11	09/30/11					11/23/2011			12/14/11	12/16/2011	RS			Approved
	I.P.B. Structural Steel Sections (Sheet 2 of 3)	V Dwg	7250-11-LL			09/19/11	09/30/11					11/23/2011			12/14/11	12/16/2011	RS			Approved
	I.P.B. Structural Steel Sections (Sheet 3 of 3)	V Dwg	7250-11-LL			09/19/11	09/30/11					11/23/2011			12/14/11	12/16/2011	RS			Approved
	I.P.B. Structural Steel Details	V Dwg	7250-11-LZ			09/19/11	09/30/11					11/23/2011			12/14/11	12/16/2011	RS			Approved
	I.P.B. Structural Steel Plan	V Dwg	7250-21-LP			09/19/11	09/30/11					11/23/2011			12/14/11	12/16/2011	RS			Approved
	I.P.B. Structural Steel Anchor Bolt Plan	V Dwg	7250-21-LB			09/19/11	09/30/11					11/23/2011			12/14/11	12/16/2011	RS			Approved
	I.P.B. Structural Steel Sections (Sheet 1 of 3)	V Dwg	7250-21-LB			09/19/11	09/30/11					11/23/2011			12/14/11	12/16/2011	RS			Approved
	I.P.B. Structural Steel Sections (Sheet 2 of 3)	V Dwg	7250-21-LL			09/19/11	09/30/11					11/23/2011			12/14/11	12/16/2011	RS			Approved
	I.P.B. Structural Steel Sections (Sheet 3 of 3)	V Dwg	7250-21-LL			09/19/11	09/30/11					11/23/2011			12/14/11	12/16/2011	RS			Approved
	Structural CALCulations Bus Duct Supports	V Dwg	842A-CA-0001			09/19/11	09/30/11					11/23/2011			12/14/11	12/16/2011	RS			Approved
STRUC-1-38.0	~~STATIC FREQUENCY CONVERTER (SFC) TRANSFORMER ACCESS STEEL~~	CALC		12/15/2011	12/15/2011					1/18/2012	1/18/2012						RS			
	~~STATIC FREQUENCY CONVERTER (SFC) TRANSFORMER ACCESS STEEL PLANS AND DETAILS~~	DRWG	ST-004	12/15/2011	12/15/2011					1/18/2012	1/18/2012						RS			
STRUC-1-39.0	STATIC FREQUENCY CONVERTER (SFC) TRANSFORMER FOUNDATION	CALC	910G-05	7/21/2011	7/21/2011	07/27/11				8/25/2011	8/25/2011	10/19/2011			10/31/11		RS			Approved
	STATIC FREQUENCY CONVERTER (SFC) TRANSFORMER FOUNDATION PLAN	DRWG	SF-097	7/21/2011	7/21/2011	07/27/11				8/25/2011	8/25/2011	10/19/2011			10/31/11		RS			Approved
	SFC TRANSFORMER	VDRWG	201-CA-0024-001			07/27/11						10/19/2011			10/31/11		RS			Approved
	SEE TRANSFORMER	VDRWG	201-CA-0006-001			07/27/11						10/19/2011			10/31/11		RS			Approved
	SFC TRANSFORMER FND	VDRWG	201-FN-0019-001			07/27/11						10/19/2011			10/31/11		RS			Approved
	SEE TRANSFORMER FND	VDRWG	201-FN-0029-001			07/27/11						10/19/2011			10/31/11		RS			Approved
STRUC-1-40.0	WATER TREATMENT FOUNDATIONS/SUMP	CALC	911A-01	6/29/2011	6/29/2011	11/18/11	12/08/11			8/3/2011	8/3/2011	2/23/2012		3/27/2012	05/09/12		RS			Approved
	WAREHOUSE WATER TREATMENT FOUNDATION PLAN	DRWG	SF-003	6/29/2011	6/29/2011	11/18/11	12/08/11			8/3/2011	8/3/2011	2/23/2012		3/27/2012	05/09/12		RS			Approved
	WAREHOUSE WATER TREATMENT FOUNDATION SECTIONS AND DETAILS	DRWG	SF-003A			11/18/11	12/08/11					2/23/2012		3/27/2012	04/02/12		RS			Approved
	WAREHOUSE WATER TREATMENT FOUNDATION SECTIONS AND DETIALS	DRWG	SF-004			11/18/11	12/08/11					2/23/2012		3/27/2012	04/02/12		RS			Approved
	WAREHOUSE WATER TREATMENT FOUNDATION SECTIONS AND DETIALS	DRWG	SF-004A			11/18/11	12/08/11					2/23/2012		5/1/2012	05/09/12		RS			Approved
STRUC-1-40.1	BOP ELECTRICAL ENCLOSURE FOUNDATION (PEC)	CALC	910R-11	6/29/2011	6/29/2011					8/3/2011	8/3/2011	10/21/2011	11/14/2011	11/23/2011	12/07/11		RS			Approved
	BALANCE OF PLAND ELECTRICAL ENCLOSURE FOUNDATION SECTIONS AND DETAILS	DRWG	SF-079	6/29/2011	6/29/2011					8/3/2011	8/3/2011	10/21/2011	11/14/2011	11/23/2011	12/07/11		RS			Approved
	BALANCE OF PLAND ELECTRICAL ENCLOSURE FOUNDATION SECTIONS AND DETAILS	DRWG	SF-079A									10/21/2011	11/14/2011	11/23/2011	12/07/11		RS			Approved
STRUC-1-40.2	820-CA-0004-001 - BOP Structural CALCulations	V DRWG				10/21/11	11/14/11					1/6/2012	6/20/2012	4/17/2012			RS			Comments
	820-ST-0011-001 - Construction Notes	V DRWG				10/21/11	11/14/11					1/6/2012	6/20/2012	4/17/2012			RS			Comments
	820-ST-0012-001 - Skid Detail	V DRWG				10/21/11	11/14/11					1/6/2012	6/20/2012	4/17/2012			RS			Comments
	820-ST-0013-001 - Cutout Detail	V DRWG				10/21/11	11/14/11					1/6/2012	6/20/2012	4/17/2012			RS			Comments
	820-ST-0014-001 - Lifting Diagram	V DRWG				10/21/11	11/14/11					1/6/2012	6/20/2012	4/17/2012			RS			Comments
	820-ST-0015-001 - Plan Views	V DRWG				10/21/11	11/14/11					1/6/2012	6/20/2012	4/17/2012			RS			Comments
	820-ST-0016-001 - Elevation 1	V DRWG				10/21/11	11/14/11					1/6/2012	6/20/2012	4/17/2012			RS			Comments
	820-ST-0017-001 - Elevation 2	V DRWG				10/21/11	11/14/11					1/6/2012	6/20/2012	4/17/2012			RS			Comments
	820-ST-0018-001 - Elevation 3	V DRWG				10/21/11	11/14/11					1/6/2012	6/20/2012	4/17/2012			RS			Comments
	820-ST-0019-001 - Elevation 4	V DRWG				10/21/11	11/14/11					1/6/2012	6/20/2012	4/17/2012			RS			Comments
	820-SD-0006-001 PEC Strap Support Detail 6	V DRWG				04/17/12							6/20/2012				RS			Comments
	820-SD-0007-001 PEC Strap Support Detail 7	V DRWG				04/17/12							6/20/2012				RS			Comments

	820-SD-0008-001 PEC Strap Support Detail 8	V DRWG				04/17/12							6/20/2012				RS			Comments
	820-SD-0009-001 PEC Strap Support Detail 9	V DRWG				04/17/12							6/20/2012				RS			Comments
	820-SD-0010-001 PEC Strap Support Detail 10	V DRWG				04/17/12							6/20/2012				RS			Comments
~~STRUC-1-41.0~~	~~DEADEND STRUCTURE FOUNDATION PILING~~	~~CALC~~		~~7/1/2011~~						~~7/21/2011~~							RS			
STRUC-1-42.0	WWB ARCHITECTURAL FOR CONSTRUCTION REV 1	990	A-W000									11/18/2011	3/29/2012	4/26/2012	05/01/12		RS			Approved
	WWB ARCHITECTURAL FOR CONSTRUCTION REV 1	990	A-W001										3/29/2012	4/26/2012	05/01/12		RS			Approved
	WWB ARCHITECTURAL FOR CONSTRUCTION REV 1	990	A-W010										3/29/2012	4/26/2012	05/01/12		RS			Approved
	WWB ARCHITECTURAL FOR CONSTRUCTION REV 1	990	A-W100										3/29/2012	4/26/2012	05/01/12		RS			Approved
	WWB ARCHITECTURAL FOR CONSTRUCTION REV 1	990	A-W212										3/29/2012	4/26/2012	05/01/12		RS			Approved
	WWB ARCHITECTURAL FOR CONSTRUCTION REV 1	990	A-W201										3/29/2012	4/26/2012	05/01/12		RS			Approved
	WWB ARCHITECTURAL FOR CONSTRUCTION REV 1	990	A-W211										3/29/2012	4/26/2012	05/01/12		RS			Approved
	WWB ARCHITECTURAL FOR CONSTRUCTION REV 1	990	A-W401										3/29/2012	4/26/2012	05/01/12		RS			Approved
	WWB ARCHITECTURAL FOR CONSTRUCTION REV 1	990	A-W820										3/29/2012	4/26/2012	05/01/12		RS			Approved
STRUC-1-42.1	WWB STRUCTURAL CALCULATIONS	990										11/18/2011	12/8/2011	4/20/2012			RS			Approved
	STRUCTURE WWB FOR CONSTRUCTION	990	S-1									11/18/2011	12/8/2011	4/20/2012			RS			Approved
STRUC-1-42.2	Marsh Landing Water Treatment Permit Set Page 1	990	1									11/18/2011	12/8/2011	4/13/2012			RS			Approved
	Marsh Landing Water Treatment Permit Set Page 2	990	2									11/18/2011	12/8/2011	4/13/2012			RS			Approved
	Marsh Landing Water Treatment Permit Set Page 3	990	3									11/18/2011	12/8/2011	4/13/2012			RS			Approved
	Marsh Landing Water Treatment Permit Set Page 4	990	4									11/18/2011	12/8/2011	4/13/2012			RS			Approved
	Marsh Landing Water Treatment Permit Set Page 5	990	5									11/18/2011	12/8/2011	4/13/2012			RS			Approved
	Marsh Landing Water Treatment Permit Set Page 6	990	6									11/18/2011	12/8/2011	4/13/2012			RS			Approved
	Marsh Landing Water Treatment Permit Set Page 7	990	7									11/18/2011	12/8/2011	4/13/2012			RS			Approved
	Marsh Landing Water Treatment Permit Set Page 8	990	8									11/18/2011	12/8/2011	4/13/2012			RS			Approved
	Marsh Landing Water Treatment Permit Set Page 9	990	9									11/18/2011	12/8/2011	4/13/2012			RS			Approved
	Marsh Landing Water Treatment Permit Set Page 10	990	10									11/18/2011	12/8/2011	4/13/2012			RS			Approved
	Marsh Landing Water Treatment Permit Set Page 11	990	11									11/18/2011	12/8/2011	4/13/2012			RS			Approved
	Marsh Landing Water Treatment Permit Set Page 12	990	12									11/18/2011	12/8/2011	4/13/2012			RS			Approved
	Marsh Landing Water Treatment Permit Set Page 13	990	13									11/18/2011	12/8/2011	4/13/2012			RS			Approved
	Marsh Landing Water Treatment Permit Set Page 14	990	14									11/18/2011	12/8/2011	4/13/2012			RS			Approved
	Marsh Landing Water Treatment Permit Set Page 15	990	15									11/18/2011	12/8/2011	4/13/2012			RS			Approved
	Marsh Landing Water Treatment Permit Set Page 16	990	16									11/18/2011	12/8/2011	4/13/2012			RS			Approved
	Marsh Landing Water Treatment Permit Set Page 17	990	17									11/18/2011	12/8/2011	4/13/2012			RS			Approved
	Marsh Landing Water Treatment Permit Set Page 18	990	18									11/18/2011	12/8/2011	4/13/2012			RS			Approved
	Marsh Landing Water Treatment Permit Set Page 19	990	19									11/18/2011	12/8/2011	4/13/2012			RS			Approved
	Marsh Landing Water Treatment Permit Set Page 20	990	20									11/18/2011	12/8/2011	4/13/2012			RS			Approved
	Marsh Landing Water Treatment Permit Set Page 21	990	21									11/18/2011	12/8/2011	4/13/2012			RS			Approved
	Marsh Landing Water Treatment Permit Set Page 22	990	22									11/18/2011	12/8/2011	4/13/2012			RS			Approved
	Marsh Landing Water Treatment Permit Set Page 23	990	23									11/18/2011	12/8/2011	4/13/2012			RS			Approved
	Marsh Landing Water Treatment Permit Set Page 24	990	24									11/18/2011	12/8/2011	4/13/2012			RS			Approved
	Marsh Landing Water Treatment Permit Set Page 25	990	25									11/18/2011	12/8/2011	4/13/2012			RS			Approved
	Marsh Landing Water Treatment Permit Set Page 26	990	26									11/18/2011	12/8/2011	4/13/2012			RS			Approved
	Marsh Landing Water Treatment Permit Set Page 27	990	27									11/18/2011	12/8/2011	4/13/2012			RS			Approved
	Marsh Landing Water Treatment Permit Set Page 28	990	28									11/18/2011	12/8/2011	4/13/2012			RS			Approved
	Marsh Landing Water Treatment Permit Set Page 29	990	29									11/18/2011	12/8/2011	4/13/2012			RS			Approved
	Marsh Landing Water Treatment Permit Set Page 30	990	30									11/18/2011	12/8/2011	4/13/2012			RS			Approved
	Marsh Landing Water Treatment Permit Set Page 31	990	31									11/18/2011	12/8/2011	4/13/2012			RS			Approved
	Marsh Landing Water Treatment Permit Set Page 32	990	32									11/18/2011	12/8/2011	4/13/2012			RS			Approved
	Marsh Landing Water Treatment Permit Set Page 33	990	33									11/18/2011	12/8/2011	4/13/2012			RS			Approved
	Marsh Landing Water Treatment Permit Set Page 34	990	34									11/18/2011	12/8/2011	4/13/2012			RS			Approved
	Marsh Landing Water Treatment Permit Set Page 35	990	35									11/18/2011	12/8/2011	4/13/2012			RS			Approved
	Marsh Landing Water Treatment Permit Set Page 36	990	36									11/18/2011	12/8/2011	4/13/2012			RS			Approved
	Marsh Landing Water Treatment Permit Set Page 37	990	37									11/18/2011	12/8/2011	4/13/2012			RS			Approved
	Marsh Landing Water Treatment Permit Set Page 38	990	38									11/18/2011	12/8/2011	4/13/2012			RS			Approved
	Marsh Landing Water Treatment Permit Set Page 39	990	39									11/18/2011	12/8/2011	4/13/2012			RS			Approved
	Marsh Landing Water Treatment Permit Set Page 40	990	40									11/18/2011	12/8/2011	4/13/2012			RS			Approved
	Marsh Landing Water Treatment Permit Set Page 41	990	41									11/18/2011	12/8/2011	4/13/2012			RS			Approved
	Marsh Landing Water Treatment Permit Set Page 42	990	42									11/18/2011	12/8/2011	4/13/2012			RS			Approved
	Marsh Landing Water Treatment Permit Set Page 43	990	43									11/18/2011	12/8/2011	4/13/2012			RS			Approved
	Marsh Landing Water Treatment Permit Set Page 44	990	44									11/18/2011	12/8/2011	4/13/2012			RS			Approved
	Marsh Landing Water Treatment Permit Set Page 45	990	45									11/18/2011	12/8/2011	4/13/2012			RS			Approved
	Marsh Landing Water Treatment Permit Set Page 46	990	46									11/18/2011	12/8/2011	4/13/2012			RS			Approved
	Marsh Landing Water Treatment Permit Set Page 47	990	47									11/18/2011	12/8/2011	4/13/2012			RS			Approved
	Marsh Landing Water Treatment Permit Set Page 48	990	48									11/18/2011	12/8/2011	4/13/2012			RS			Approved
	Marsh Landing Water Treatment Permit Set Page 49	990	49									11/18/2011	12/8/2011	4/13/2012			RS			Approved
	Marsh Landing Water Treatment Permit Set Page 50	990	50									11/18/2011	12/8/2011	4/13/2012			RS			Approved
	Marsh Landing Water Treatment Permit Set Page 51	990	51									11/18/2011	12/8/2011	4/13/2012			RS			Approved
	Marsh Landing Water Treatment Permit Set Page 52	990	52									11/18/2011	12/8/2011	4/13/2012			RS			Approved
	Marsh Landing Water Treatment Permit Set Page 53	990	53									11/18/2011	12/8/2011	4/13/2012			RS			Approved
	Marsh Landing Water Treatment Calculation Sheet	990	54									11/18/2011	12/8/2011	4/13/2012			RS			Approved
STRUC-1-42.3	Seal Calculations & Plans, Access Flooring for CBO Submittal	V CALC	*18 access floor									4/5/2012	6/20/2012	6/13/2012			RS			Comments
STRUC-1-42.4	ROOF & WALL PANEL CALCULATION	990										4/5/2012					RS			Submitted
	COVER SHEET	990	CS-1									4/5/2012					RS			Submitted
	DETAILS	990	D-1									4/5/2012					RS			Submitted
	DETAILS	990	D-2									4/5/2012					RS			Submitted
	DETAILS	990	D-3									4/5/2012					RS			Submitted
	WALL ELEVATIONS	990	E-1									4/5/2012					RS			Submitted
	WALL ELEVATIONS	990	E-2									4/5/2012					RS			Submitted
	SRS3-1.5 RIGID INSULATION OVER PURLINS	990	GN-1									4/5/2012					RS			Submitted
	SRS2 AND SRS3 - GENERAL NOTES AND ACCESSORIES	990	GN-2									4/5/2012					RS			Submitted
	SRS 3 CLOSURE INSTALLATION	990	GN-3									4/5/2012					RS			Submitted
	SRS 3 FIXED END INSTALLATION	990	GN-4									4/5/2012					RS			Submitted
	HORIZONTAL CONCEPT SERIES PANEL WITH CSC-1 CLIP OVER GYPSUM	990	GN-5									4/5/2012					RS			Submitted
	ROOF PLAN & SECTION AND KEY PLAN	990	R-1									4/5/2012					RS			Submitted

STRUC-1-42-5	ACB EQUIPMENT PAD PLAN	990	S-4									5/30/2012	6/20/2012	6/25/2012	06/27/12					Approved
	ACB EQUIPMENT PAD CALCULATIONS	990	CALCS									5/30/2012	6/20/2012	6/25/2012	06/27/12					Approved
STRUC-1-42.6	WWB WALL SYSTEM DETAIL	990	A001 - A002 (ASI 22)									6/13/2012								Submitted
STRUC-1-43.0	CTG STEP-UP AND AUX TRANSFORMER FOUNDATION	CALC	910G-04	7/12/2011	9/7/2011	09/14/11	09/20/11			10/11/2011		11/17/2011		2/16/2012	03/05/12		RS			Approved
	CTG STEP-UP TRANSFORMER UNIT #3 AND UAT TRANSFORMERS FOUNDATION PLAN, SECTIONS AND DETAILS	DRWG	SF-085	9/8/2011	9/8/2011	09/14/11	09/20/11			10/13/2011	10/13/2011	11/17/2011		2/16/2012	03/05/12		RS			Approved
	CTG STEP-UP TRANSFORMER UNIT #3 AND UAT TRANSFORMERS FOUNDATION PLAN, SECTIONS AND DETAILS	DRWG	SF-085A	9/8/2011	9/8/2011	09/14/11	09/20/11			10/13/2011	10/13/2011	11/17/2011		3/12/2012	03/29/12		RS			Approved
STRUC-1-44.0	AUX TRANSFORMER FOUNDATON PILING	CALC	910G-03	7/12/2011		07/19/11	08/15/11			7/19/2011		9/13/2011			09/16/11		RS			Approved
	UNIT #3 CTG STEP-UP TRANSFORMER AND UAT TRANSFORMERS FOUNDATION PILING PLAN	DRWG	SF-084	7/13/2011	7/13/2011	07/19/11	08/15/11			8/17/2011	8/17/2011	9/13/2011			09/16/11		RS			Approved
	URS LETTER OF CLARIFICATION FOR GEO TECH											9/13/2011			09/16/11		RS			Approved
~~**STRUC-1-45.0**~~	~~STATIC EXCITATION EQUIPMENT TRANSFORMER, GENERATOR BREAK, ISOPHASE, GENERATOR VT & SURGE CUBICLE FOUNDATION~~	~~CALC~~		~~7/14/2011~~	~~7/14/2011~~					~~8/18/2011~~	~~8/18/2011~~						RS			
~~**STRUC-1-46.0**~~	~~DEADEND STRUCTURE FOUNDATION~~	~~CALC~~		~~9/23/2011~~	~~9/23/2011~~					~~10/28/2011~~	~~10/28/2011~~						RS			
STRUC-1-47.0	ELECTRICAL 5kV BUILDING FOUNDATION	CALC	910R-04	8/23/2011	8/23/2011	08/24/11	09/14/11			9/27/2011	9/27/2011	10/7/2011	11/8/2011	11/17/2011	11/29/11		RS			Approved
	ELECTRICAL BUILDING FOUNDATION PLAN AND DETAILS	DRWG	SF-002	8/23/2011	8/23/2011	08/24/11	09/14/11			9/27/2011	9/27/2011	10/7/2011	11/8/2011	11/17/2011	11/29/11		RS			Approved
	ELECTRICAL BUILDING FOUNDATION PLAN AND DETAILS	DRWG	SF-002A	8/23/2011	8/23/2011	08/24/11	09/14/11			9/27/2011	9/27/2011	10/7/2011		11/17/2011	11/29/11		RS			Approved
STRUC-1-47.1	5kV Building Structural CALCulations	DRWG	820-CA-0003-001			08/25/11	11/03/11	10/07/11				1/6/2012	6/20/2012	4/17/2012			RS			Comments
	5kV Building Construction Notes	DRWG	820-RE-0004-001			08/25/11	09/14/11					1/6/2012	6/20/2012	4/17/2012			RS			Comments
	5kV Building Skid Frame	DRWG	820-ST-0002-001			08/25/11	09/14/11					1/6/2012	6/20/2012	4/17/2012			RS			Comments
	5kV Building Plan Views	DRWG	820-ST-0005-001			08/25/11	09/14/11					1/6/2012	6/20/2012	4/17/2012			RS			Comments
	5kV Building Elevation 1	DRWG	820-ST-0006-001			08/25/11	09/14/11					1/6/2012	6/20/2012	4/17/2012			RS			Comments
	5kV Building Elevation 2	DRWG	820-ST-0007-001			08/25/11	09/14/11					1/6/2012	6/20/2012	4/17/2012			RS			Comments
	5kV Building Elevation 3	DRWG	820-ST-0008-001			08/25/11	09/14/11					1/6/2012	6/20/2012	4/17/2012			RS			Comments
	5kV Building Elevation 4	DRWG	820-ST-0009-001			08/25/11	09/14/11					1/6/2012	6/20/2012	4/17/2012			RS			Comments
	5kV PEC Strap Detail 1	DRWG	820-SD-0001-001			04/17/12							6/20/2012				RS			Comments
	5kV PEC Strap Detail 2	DRWG	820-SD-0002-001			04/17/12							6/20/2012				RS			Comments
	5kV PEC Strap Detail 3	DRWG	820-SD-0003-001			04/17/12							6/20/2012				RS			Comments
	5kV PEC Strap Detail 4	DRWG	820-SD-0004-001			04/17/12							6/20/2012				RS			Comments
	5kV PEC Strap Detail 5	DRWG	820-SD-0005-001			04/17/12							6/20/2012				RS			Comments
STRUC-1-48.0	STRUCTURE ACB FOR CONSTRUCTION	990	990-RE-0013-001	8/20/2011	8/20/2011					9/24/2011	9/24/2011	11/1/2011	1/19/2012	1/31/2012	02/08/12		RS			Approved
	ACB FOUNDATION CALCULATIONS FOR CONSTRUCTION	990	990-CA-0002-001	8/20/2011	8/20/2011					9/24/2011	9/24/2011	11/1/2011	1/19/2012	1/31/2012	02/08/12		RS			Approved
	ADMIN CONTROL BUILDING FOUNDATION PLAN	990	990-FN-0001-001									1/6/2012	1/19/2012	1/31/2012	02/08/12		RS			Approved
	ADMIN CONTROL BUILDING STRUCUTRAL DETAILS (S-3)	990	990-ST-0002-001									1/6/2012	3/12/2012	3/22/2012	02/08/12		RS			Submitted
STRUC-1-48.1	11-17660 CALC PACKAGE - STRUCTURAL DESIGN DATA	990	990-CA-0005-001									1/6/2012	2/1/2012	2/21/2012	04/18/12		RS			Approved
	OWNER COMMENTS ON CALC PACKAGE	990	990-RE-0017-001									1/6/2012	2/1/2012	2/21/2012	04/18/12		RS			Approved
	OWNER COMMENTS ON PERMIT DRAWINGS	990	990-RE-0018-001									1/6/2012	2/1/2012	2/21/2012	04/18/12		RS			Approved
	ADMIN CONTROL BUILDING - COVER SHEET	990	11-17660									1/6/2012	2/1/2012	2/21/2012	04/18/12		RS			Approved
	ADMIN CONTROL BUILDING - PAGE 2	990	11-17660									1/6/2012	2/1/2012	2/21/2012	04/18/12		RS			Approved
	ADMIN CONTROL BUILDING - PAGE 3	990	11-17660									1/6/2012	2/1/2012	2/21/2012	04/18/12		RS			Approved
	ADMIN CONTROL BUILDING - PAGE 4	990	11-17660									1/6/2012	2/1/2012	2/21/2012	04/18/12		RS			Approved
	ADMIN CONTROL BUILDING - PAGE 5	990	11-17660									1/6/2012	2/1/2012	2/21/2012	04/18/12		RS			Approved
	ADMIN CONTROL BUILDING - PAGE 6	990	11-17660									1/6/2012	2/1/2012	2/21/2012	04/18/12		RS			Approved
	ADMIN CONTROL BUILDING - PAGE 7	990	11-17660									1/6/2012	2/1/2012	2/21/2012	04/18/12		RS			Approved
	ADMIN CONTROL BUILDING - PAGE 8	990	11-17660									1/6/2012	2/1/2012	2/21/2012	04/18/12		RS			Approved
	ADMIN CONTROL BUILDING - PAGE 9	990	11-17660									1/6/2012	2/1/2012	2/21/2012	04/18/12		RS			Approved
	ADMIN CONTROL BUILDING - PAGE 10	990	11-17660									1/6/2012	2/1/2012	2/21/2012	04/18/12		RS			Approved
	ADMIN CONTROL BUILDING - PAGE 11	990	11-17660									1/6/2012	2/1/2012	2/21/2012	04/18/12		RS			Approved
	ADMIN CONTROL BUILDING - PAGE 12	990	11-17660									1/6/2012	2/1/2012	2/21/2012	04/18/12		RS			Approved
	ADMIN CONTROL BUILDING - PAGE 13	990	11-17660									1/6/2012	2/1/2012	2/21/2012	04/18/12		RS			Approved
	ADMIN CONTROL BUILDING - PAGE 14	990	11-17660									1/6/2012	2/1/2012	2/21/2012	04/18/12		RS			Approved
	ADMIN CONTROL BUILDING - PAGE 15	990	11-17660									1/6/2012	2/1/2012	2/21/2012	04/18/12		RS			Approved
	ADMIN CONTROL BUILDING - PAGE 16	990	11-17660									1/6/2012	2/1/2012	2/21/2012	04/18/12		RS			Approved
	ADMIN CONTROL BUILDING - PAGE 17	990	11-17660									1/6/2012	2/1/2012	2/21/2012	04/18/12		RS			Approved
	ADMIN CONTROL BUILDING - PAGE 18	990	11-17660									1/6/2012	2/1/2012	2/21/2012	04/18/12		RS			Approved
	ADMIN CONTROL BUILDING - PAGE 19	990	11-17660									1/6/2012	2/1/2012	2/21/2012	04/18/12		RS			Approved
	ADMIN CONTROL BUILDING - PAGE 20	990	11-17660									1/6/2012	2/1/2012	2/21/2012	04/18/12		RS			Approved
	ADMIN CONTROL BUILDING - PAGE 21	990	11-17660									1/6/2012	2/1/2012	2/21/2012	04/18/12		RS			Approved
	ADMIN CONTROL BUILDING - PAGE 22	990	11-17660									1/6/2012	2/1/2012	2/21/2012	04/18/12		RS			Approved
	ADMIN CONTROL BUILDING - PAGE 23	990	11-17660									1/6/2012	2/1/2012	2/21/2012	04/18/12		RS			Approved
	ADMIN CONTROL BUILDING - PAGE 24	990	11-17660									1/6/2012	2/1/2012	2/21/2012	04/18/12		RS			Approved
	ADMIN CONTROL BUILDING - PAGE 25	990	11-17660									1/6/2012	2/1/2012	2/21/2012	04/18/12		RS			Approved
	Responce letter 02-13-11	990	11-17660									1/6/2012	2/1/2012	2/21/2012	04/18/12		RS			Approved
	VP, CBO Responce Letter of 2-6-12	990	11-17660									1/6/2012	2/1/2012	2/21/2012	04/18/12		RS			Approved
STRUC-1-48.2	COVER SHEET	990	A-A000									1/6/2012	3/27/2012	4/5/2012	04/18/12		RS			Approved
	SITE PLAN	990	A-A100									1/6/2012	3/27/2012	4/5/2012	04/18/12		RS			Approved
	ARCH ACCESSIBILITY STANDARDS	990	A-A010									1/6/2012	3/27/2012	4/5/2012	04/18/12		RS			Approved
	ARCH FLOOR PLAN	990	A-A201									1/6/2012	3/27/2012	4/5/2012	04/18/12		RS			Approved
	ARCH BATHROOMS ENLARGED PLAN	990	A-A221									1/6/2012	3/27/2012	4/5/2012	04/18/12		RS			Approved
	TOILET ROOM INTERIOR ELEVATIONS	990	A-A222									1/6/2012	3/27/2012	4/5/2012	04/18/12		RS			Approved
	ARCH REFLECTED CEILING PLAN	990	A-A301									1/6/2012	3/27/2012	4/5/2012	04/18/12		RS			Approved
	ARCH EXTERIOR ELEVATIONS	990	A-A401									1/6/2012	3/27/2012	4/5/2012	04/18/12		RS			Approved
	ARCH BUILDING SECTION	990	A-A501									1/6/2012	3/27/2012	4/5/2012	04/18/12		RS			Approved
	INTERIOR DETAILS	990	A-A803									1/6/2012	3/27/2012	4/5/2012	04/18/12		RS			Approved
	ARCH ROOF PLAN	990	A-A223									1/6/2012	3/27/2012	4/5/2012	04/18/12		RS			Approved
	EGRESS PLAN	990	A-A060									16/12	3/27/2012	4/5/2012	04/18/12		RS			Approved
	ADMIN/CONTROL BUILDING	990	A-A061									1/6/2012	3/27/2012	4/5/2012	04/18/12		RS			Approved
	ADMIN/CONTROL BUILDING	990	A-A062									1/6/2012	3/27/2012	4/5/2012	04/18/12		RS			Approved

	ARCH DOOR SCHEDULE AND WINDOW SCHEDULE	990	A-A910									1/6/2012	3/27/2012	4/5/2012	04/18/12		RS			Approved
	ARCH FINISH SCHEDULE	990	A-A920									1/6/2012	3/27/2012	4/5/2012	04/18/12		RS			Approved
	PARTITION SCHEDULE	990	A-A900										3/27/2012	4/5/2012	04/18/12		RS			Approved
STRUC-1-50.0	AIR DRYER, AIR RECIEVER & AIR COMPRESSOR FOUNDATION	CALC	910R-12	8/20/2011	8/20/2011	10/28/11			11/17/11	9/24/2011	9/24/2011	12/8/2011			12/09/11		RS			Approved
	AIR DRYER, AIR RECIEVER & AIR COMPRESSOR FOUNDATION PLAN, SECTIONS AND DETAILS	DRWG	SF-071	8/20/2011	8/20/2011	10/28/11			11/17/11	9/24/2011	9/24/2011	12/8/2011			05/16/12		RS			Approved
STRUC-1-51.0	FUEL GAS COMPRESSOR BUILDING FOUNDATION PILES	CALC	910D-01	9/3/2011	9/3/2011					10/8/2011	10/8/2011	10/14/2011	11/14/2011	11/23/2011	12/07/11		RS			Approved
	FUEL GAS COMPRESSOR BUILDING FOUNDATION PILING PLAN	DRWG	SF-042	9/3/2011	9/3/2011					10/8/2011	10/8/2011	10/14/2011	11/14/2011	11/23/2011	12/07/11		RS			Approved
STRUC-1-51.1	FUEL GAS COMPRESSOR DISCHARGE FILTER SKIDS AND ACCUMULATOR TANKS FOUNDATION PILES	CALC	910D-08	9/3/2011	9/3/2011					10/8/2011	10/8/2011	10/14/2011	11/7/2011	11/23/2011	12/07/11		RS			Approved
	FUEL GAS COMPRESSOR DISCHARGE FILTER SKIDS AND ACCUMULATOR FOUNDATION PILING PLAN	DRWG	SF-048	9/3/2011	9/3/2011					10/8/2011	10/8/2011	10/14/2011	11/7/2011	11/23/2011	12/07/11		RS			Approved
STRUC-1-51.2	FUEL GAS COMPRESSOR DISCHARGE FILTER SKIDS AND ACCUMULATOR FOUNDATION	CALC	910D-08A			11/08/11	01/03/12					2/17/2012			03/01/12		RS			Approved
	FUEL GAS COMPRESSOR DISCHARGE FILTER SKIDS AND ACCUMULATOR TANKS FOUNDATION PLAN, SECTIONS AND DETAILS	DRWG	SF-049			11/08/11	01/03/12					2/17/2012			03/01/12		RS			Approved
STRUC-1-52.0	FUEL GAS COMPRESSORS & ENCLOSURE FOUNDATION	CALC	910D-01A	9/3/2011	9/16/2011	11/08/11			12/27/2011	10/8/2011	10/8/2011		12/28/2011	2/1/2012	02/15/12		RS			Approved
	FUEL GAS COMPRESSORS & ENCLOSURE FOUNDATION PLAN, SECTIONS AND DETAILS	DRWG	SF-043	9/3/2011	9/16/2011	11/08/11			12/27/2011	10/8/2011	10/8/2011		2/9/2012	2/10/2012	02/15/12		RS			Approved
STRUC-1-52.1	VP BUILDINGS MARSH LANDING COMPRESSOR BUILDING FOUNDATIONS (COVER SHEET - PAGE 54)	V Dwg	FGC BLDG STR DWG									10/14/2011	11/16/2011	2/21/2012	0314/12		RS			Approved
	STRUCTURAL DESIGN DATA	V Dwg	FGC BLDG STR CALC									10/14/2011	11/16/2011	2/21/2012	0314/12		RS			Approved
	RESPONSE TO COMMENTS	V	RESPONSE TO COMMENTS									3/12/2012			0314/12		RS			Approved
STRUC-1-52.2	FUEL GAS COMPRESSOR FIN FAN FOUNDATION	DRWG	SF-060			10/21/11	10/26/11					11/4/2011		11/23/2011	11/30/11		RS			Approved
	FUEL GAS COMPRESSOR FIN FAN FOUNDATION	DRWG	SF-061											12/23/2011	12/27/11		RS			Approved
	FUEL GAS COMPRESSOR FIN FAN FOUNDATION	CALC	910D-06			10/21/11	10/26/11					11/4/2011	11/30/2011	12/7/2011	12/12/11		RS			Approved
STRUC-1-52.3	UE COMPRESSION DRAWING	V DRWG	201-CA-0026-001									10/21/11			11/10/11		RS			Approved
	UE COMPRESSION LLC LETTER	V DRWG	201-GA-0002-001									10/21/11			11/10/11		RS			Approved
STRUC-1-52.4	FUEL GAS COMPRESSOR FIN FAN PILES																RS			Not Submitted
STRUC-1-53.0	FUEL GAS COMPRESSOR DRAIN TANK	CALC	910D-05	9/7/2011	9/7/2011	08/31/11			9/16/2011	10/12/2011	10/12/2011	10/3/2011			10/10/11		RS			Approved
	FUEL GAS CHROMATOGRAPH FOUNDATION	CALC	910R-09	9/7/2011	9/7/2011	08/31/11			9/16/2011			10/3/2011			10/10/11		RS			Approved
	FUEL GAS REGULATING SKID FOUNDATION PLAN, SECTIONS AND DETAILS	DRWG	SF-045	9/7/2011	9/7/2011	08/31/11			9/16/2011	10/12/2011	10/12/2011	10/3/2011			05/16/12		RS			Approved
STRUC-1-53.1	FUEL GAS COPRESSOR TANK VENDOR INFO	V DRWG	551-ME-0001-01			10/04/11			10/20/2011								RS			Approved
	30 OD 200 GALLON FUEL GAS COMPRESSOR DRAINS TANK	V DRWG	551-CA-0001-001			10/04/11			10/20/2011								RS			Approved
STRIC-1-53.2	TOTAL SULFUR CHROMATOGRAPH FOUNDATION																RS			Not Submitted
STRUC-1-53.10	FGCB ARCHITECTURE FOR CONSTRUCTION	V DWG	A-G000									11/3/2011	6/13/2012	4/27/2012			RS			Comments
	FGCB ARCHITECTURE FOR CONSTRUCTION	V DWG	A-G001										6/13/2012	4/27/2012			RS			Comments
	FGCB ARCHITECTURE FOR CONSTRUCTION	V DWG	A-G010										6/13/2012	4/27/2012			RS			Comments
	FGCB ARCHITECTURE FOR CONSTRUCTION	V DWG	A-G100										6/13/2012	4/27/2012			RS			Comments
	FGCB ARCHITECTURE FOR CONSTRUCTION	V DWG	A-G201										6/13/2012	4/27/2012			RS			Comments
	FGCB ARCHITECTURE FOR CONSTRUCTION	V DWG	A-G211										6/13/2012	4/27/2012			RS			Comments
	FGCB ARCHITECTURE FOR CONSTRUCTION	V DWG	A-G212										6/13/2012	4/27/2012			RS			Comments
STRUC-1-54.0	FUEL GAS COMPRESSOR ENCLOSURE PIPE SUPPORTS	DRWG	ST-010									4/2/2012	4/20/2012	5/14/2012	05/16/12		RS			Approved
	FUEL GAS COMPRESSOR FIN-FAN COOLER PIPE SUPPORTS PLAN	DRWG	ST-011									4/2/2012	4/20/2012	5/14/2012	05/16/12		RS			Approved
	FUEL GAS CONDITIONING EQUIPMENT PIPE SUPPORTS	DRWG	ST-012									4/2/2012	4/20/2012	5/14/2012	05/16/12		RS			Approved
	FUEL GAS DEW POINT HEATER AREA PIPE SUPPORTS	DRWG	ST-013									4/2/2012	4/20/2012				RS			Submitted
	MISC PIPE SUPPORTS - FUEL GAS CALC	CLAC	941J-01									4/2/2012	4/20/2012	5/14/2012	05/16/12		RS			Approved
~~**STRUC-1-55.0**~~	~~SWITCHYARD ELECTRICAL BUILDING FOUNDATION~~	~~CALC~~		~~10/13/2011~~	~~10/13/2011~~					11/17/2011	11/17/2011						RS			
	~~SWITCHYARD ELECTRICAL BUILDING FOUNDATION PLAN~~	~~DRWG~~	~~SF-093~~	~~10/13/2011~~	~~10/13/2011~~					11/17/2011	11/17/2011						RS			
STRUC-1-59.0	SCR & STACK FOUNDATION	CALC	910O-02	6/1/2011	6/1/2011	09/21/11	10/12/11			7/14/2011	7/14/2011	11/4/2011		4/27/2012	12/12/11		RS			Approved
	SCR SYSTEM FOUNDATION PLAN	DRWG	SF-021	6/1/2011	6/1/2011	09/21/11	10/12/11			7/14/2011	7/14/2011	11/4/2011		6/26/2012	12/12/11		RS			Submitted
	SCR SYSTEM FOUNDATION PRE-POUR EMBEDMENT PLAN	DRWG	SF-022	6/1/2011	6/1/2011	09/21/11	10/12/11			7/14/2011	7/14/2011	11/4/2011		4/27/2012	12/12/11		RS			Approved
	SCR SYSTEM FOUNDATION POST-POUR EMBEDMENT PLAN	DRWG	SF-023	6/1/2011	6/1/2011	09/21/11	10/12/11			7/14/2011	7/14/2011	11/4/2011		6/26/2012	12/12/11		RS			Submitted
	SCR SYSTEM FOUNDATION SECTIONS AND DETAILS	DRWG	SF-024	6/1/2011	6/1/2011	09/21/11	10/12/11					11/4/2011		6/26/2012	12/12/11		RS			Submitted
	SCR SYSTEM FOUNDATION SECTIONS AND DETAILS	DRWG	SF-024A	6/1/2011	6/1/2011	09/21/11	10/12/11					11/4/2011		6/26/2012	01/19/12		RS			Submitted
	SCR SYSTEM FOUNDATION ANCHOR BOLT SECTIONS AND DETAILS	DRWG	SF-025	6/1/2011	6/1/2011	09/21/11	10/12/11					11/4/2011		6/26/2012	12/12/11		RS			Submitted
	SCR SYSTEM FOUNDATION ANCHOR BOLT SECTIONS AND DETAILS	DRWG	SF-025A	6/1/2011	6/1/2011	09/21/11	10/12/11					11/4/2011		6/26/2012	12/12/11		RS			Submitted
STRUC-1-60.0	GENERAL PAINTING	TSpc	980							12/24/2011		11/9/2011		3/7/2012	03/12/12		RS			Approved
STRUC-1-64.0	CTG STEP-UP TRANSFORMER STEEL	CALC	941E-01 REV1	12/7/2011	12/7/2011					1/18/2012	1/18/2012	04/26/12		6/15/2012	06/26/12		RS			Approved
	CTG STEP-UP TRANSFORMER STEEL PLANS AND DETAILS	DRWG	ST-002	12/7/2011	12/7/2011					1/18/2012	1/18/2012	04/26/12	5/9/2012	6/15/2012	06/26/12		RS			Approved
	ISOPHASE STEEL PLAN, SECTIONS AND DETAILS	DRWG	ST-001	11/18/2011	11/18/2011					1/2/2012	1/2/2012	04/26/12	5/9/2012	6/15/2012	06/26/12		RS			Approved
~~**STRUC-1-65.0**~~	~~ISOPHASE STEEL PLAN, SECTIONS AND DETAILS~~	~~DRWG~~	~~ST-001~~	~~11/18/2011~~	~~11/18/2011~~					~~1/2/2012~~	~~1/2/2012~~						RS			
STRUC-1-66.0	STRUCTURAL STEEL LOCATION PLAN	DRWG	ST-000	7/12/2011	7/12/2011					8/3/2011	8/3/2011						RS			Not Submitted
STRUC-1-67.0	TYPICAL BASEPLATE AND BRACING SECTIONS AND DETAILS	DRWG	ST-200	12/20/2011	12/20/2011					2/1/2012	2/1/2012									Not Submitted
	TYPICAL EDGE CONDITION SECTIONS AND DETAILS	DRWG	ST-201	12/20/2011	12/20/2011					2/1/2012	2/1/2012	04/26/12	5/4/2012				RS			Comments
	TYPICAL LADDER SECTIONS AND DETAILS	DRWG	ST-202	12/20/2011	12/20/2011					2/1/2012	2/1/2012	04/26/12	5/4/2012	6/22/2012	06/27/12		RS			Approved
6/27/2012		DRWG	ST-203	12/20/2011	12/20/2011					2/1/2012	2/1/2012	04/26/12	5/4/2012	6/22/2012			RS			Comments
	TYPICAL HANDRAIL SECTIONS AND DETAILS	DRWG	ST-204	12/20/2011	12/20/2011					2/1/2012	2/1/2012	04/26/12	5/4/2012	6/22/2012	06/27/12		RS			Approved

STRUC-1-68.0	CONCRETE COATINGS	TSpc	981											02/13/12	03/05/12		RS			Approved
STRUC-1-69.0	MISC ENCLOSURE ACCESS PLATFORM STEEL																RS			Not Submitted
~~**STRUC-1-70.0**~~	~~CONSTRUCTION TEMPORARY WAREHOUSE BUILDING FOUNDATION~~	~~CALC~~	~~990H-01~~			~~02/25/11~~									~~03/21/11~~		RS			
	~~TEMPORARY CONSTRUCTION WAREHOUSE BUILDING FOUNDATION PLAN, SECTIONS AND DETAILS~~	~~DRWG~~	~~SF-120~~			~~02/25/11~~			~~03/21/11~~		~~04/22/11~~						RS			
STRUC-1-70.1	Construction Warehouse Foundation	CALC	911D-01		07/01/11	07/21/11	09/01/11				09/15/11	10/24/11	11/23/11	12/22/11	12/30/11		RS			Approved
	CONSTRUCTION WAREHOUSE FOUNDATION PLAN, SECTIONS AND DETAILS	DRWG	SF-120		07/01/11	07/21/11	09/01/11				09/15/11	10/24/11	01/13/12	03/12/12	03/27/12		RS			Approved
	STRUCTURAL DESIGN DATA		11-17698 (192751)			07/21/11	09/01/11				09/15/11	10/24/11	01/13/12	03/12/12	03/27/12		RS			Approved
	VP BUILDINGS PACKAGE		11-17698 (192750)			07/21/11	09/01/11				09/15/11	10/24/11	01/13/12	03/12/12	03/27/12		RS			Approved
	REVISED TEMP WAREHOUSE LETTER											01/06/12	03/27/12	03/12/12			RS			Comments
	VP RESPONSE LETTER CW 3-8-12											01/06/12	03/27/12	03/12/12			RS			Comments
	CONSTRUCTION WAREHOUSE MECHANICAL & ELECTRICAL																			Not Submitted
STRUC-1-70.2	CONSTRUCTION WAREHOUSE TRANSFORMER	CALC	910G-07									03/09/12			03/16/12		RS			Approved
	CONSTRUCTION WAREHOUSE TRANSFORMER	DRWG	SF-119												03/16/12		RS			Approved
STRUC-1-71.0	CONSTRUCTION MAINTENANCE BUILDING SLAB	CALC	990H-02			03/04/11									3/25/11/		RS			Approved
	TEMPORARY CONSTRUCTION EQUIPMENT MAINTENANCE SLAB FOUNDATION MAINTENANCE SLAB FOUNDATION PLAN, SECTIONS AND DETAILS	DRWG	ST-001			03/04/11			03/25/11			3/25/11/			3/28/11/		RS			Approved
STRUC-1-72.0	CONSTRUCTION TEMPORARY TRANSFORMER & SWITCHBOARD FOUNDATIONS	CALC	914Z-01				03/15/11	03/25/11				03/07/11		04/25/11	04/26/11		RS			Approved
	TEMPORARY CONSTRUCTION FOUNDATIONS PLANS AND SECTIONS	DRWG	SF-123			03/07/11	03/15/11	03/25/11							03/30/11		RS			Approved
STRUC-1-73.0	CONSTRUCTION XFMR SLAB	CALC	914Z-04			06/17/11	06/22/11					07/07/11			07/27/11		RS			Approved
	TEMPORARY CONSTRUCTION TRANSFORMER FOUNDATION PLAN AND SECTION	DRWG	SF-122			06/17/11	06/22/11					07/07/11			07/27/11		RS			Approved
STRUC-1-74.0	ELECTRICAL MANHOLE MH-2 12X12X8	V CALC	12X12X8		08/31/11				09/16/11			09/16/11			09/19/11		RS			Approved
	ELECTRICAL MANHOLE MH-1 12X12X9 PREC. MANHOLE	V CALC	12X12X9		08/31/11				09/16/11			09/16/11			09/19/11		RS			Approved
	ELECTRICAL MANHOLE MH-2 12X12X8 PREC. MANHOLE	V DRWG	030-S141287-002		08/31/11				09/16/11			09/16/11			09/19/11		RS			Approved
	ELECTRICAL MANHOLE MH-1 12X12X9 PREC. MANHOLE	V DRWG	030-S141287-001		08/31/11				09/16/11			09/16/11			09/19/11		RS			Approved
	ELECTRICAL MANHOLE MH-3	V CALC	12X12X10		08/31/11				09/16/11			09/16/11			09/19/11		RS			Approved
	ELECTRICAL MANHOLE MH-3 12X12X10 PREC. MANHOLE	V DRWG	030-S141287-003		08/31/11				09/16/11			09/16/11			09/19/11		RS			Approved
STRUC-1-75.0	GEN PULSE SKID FOUNDATION	CALC	910R-10			11/10/11			11/30/11			02/01/12	02/22/12	03/02/12	03/05/12		RS			Approved
	MISCELLANEOUS EQUIPMENT FOUNDATION PLANS, SECTIONS, AND DETAILS	DRWG	SF-029			11/10/11			11/30/11			02/01/12	02/22/12	06/22/12	06/26/12		RS			Approved
	POTABLE WATER BOOSTER PUMP CALC	CALC	910R-15											03/02/12	03/05/12		RS			Approved
STRUC-1-76.0	84-INCH BASE SHELL	V CALC										01/20/12			01/03/12		RS			Approved
	84-INCH FLAT TOP	V CALC										01/20/12			01/03/12		RS			Approved
	84 PUMP STATION	V DRWG										01/20/12			01/03/12		RS			Approved
STRUC-1-77.0	INSTRUMENT AIR PIPE SUPPORTS LOCATION PLAN	DRWG	ST-014									06/15/12					RS			Submitted
	PIPE SUPPORT - WAREHOUSE WATER TREATMENT BUILDING	DRWG	ST-015									04/06/12			06/15/12		RS			Submitted
	PIPE SUPPORT - SERVICE PUMP AREA	DRWG	ST-016									04/06/12			06/15/12		RS			Submitted
	CTG FIRE PROTECTION AND RAW WATER PIPE SUPPORT LCOATION PLAN	DRWG	ST-017									06/15/12					RS			Submitted
	PIPE SUPPORT SECTIONS AND DETAILS	DRWG	ST-018									04/06/12			06/15/12		RS			Submitted
	PIPE SUPPORT - SECTIONS AND DETAILS	DRWG	ST-019									06/15/12					RS			Submitted
	PIPE SUPPORT - CALCULATIONS	CALC	942A-02									04/06/12			06/15/12		RS			Submitted
STRUC-1-80.0	STRUCTURAL DESIGN CRITERIA	Misc.	SDC-001			03/04/11	03/25/11	03/29/11	03/29/11			08/19/11			08/29/11		RS			Approved
STRUC-1-81.0	FGHX ACCESS STEEL																RS			Not Submitted
STRUC-1-82.0	MISC. PIPE SUPPORT FOUNDATION PLANS - SECTION AND DETAILS	DRWG	SF-101									06/26/12					RS			Submitted
STRUC-4																				
STRUC-4-1.0	AQUEOUS AMMONIA TANK EVALUATION	VDOC										07/02/12					RS			Submitted
	TANK UPGRADE SKETCH	VDRWG										07/02/12					RS			Submitted
	AQUEOUS AMMONIA TANK U-1A REPORT	VDOC										07/02/12					RS			Submitted
	AQUEOUS AMMONIA STORAGE TANK GA	VDRWG	BTC-5135									07/02/12					RS			Submitted
TSE-1																				
TSE-1-1.0	Master Lists			3/15/2011																
	SWITCHYARD EQUIPMENT & MATERIAL LIST		PD01																	
	KPE TSE Master Drawing List											01/05/11			01/31/12					Approved
	TSE Specification and Drawing List											01/05/11			01/31/12					Approved
	TSE-1-1.0 Submittal List Schedule											01/05/11			01/31/12					Approved
TSE-2-1.0	CE1RESUME - CIVIL ENGINEER RESUME - OMAR OLIVARES					01/27/11									02/15/11		SC			Approved
	EE1RESUME - ELECTRICAL ENGINEER RESUME - CHARLIE SCHWARTZE					01/27/11									02/15/11		SC			Approved
	ME1RESUME - MECHANICAL ENGINEER RESUME - JAKE ALBERS					01/27/11									02/15/11		SC			Approved
	SE1RESUME - STRUCTURAL ENGINEER RESUME - F. GENE AMRHEIN					01/27/11									02/15/11		SC			Approved
	GE1RESUME -GEOLOGIST RESUME - PHILIP MEYMAND					01/27/11									02/15/11		SC			Approved
	EE2RESUME - ELECTRICAL ENGINEER RICH JACOBERS					05/25/11									05/27/11		SC			Approved
	SE4RESUME - STRUCTURAL ENGINEER RESUME - REID STRAIN					06/24/11									06/30/11		SC			Approved
	EE3RESUME - ELECTRICAL ENGINEER - DAREN PHELPS					09/20/11									09/27/11		SC			Approved
TSE-4																				
TSE-4-1.0	FINAL DESIGN PLANS/SPECS/CALCULATIONS																DM			Not Submitted
TSE-4-2.0	230kV CIRCUIT BREAKERS	Spec	1054			06/28/11			REF	06/15/11							DM			Approved

TSE-4-3.0	230KV breaker shop drawings	DRWG		August													LG			Not Submitted
TSE-4-4.0	High Voltage Structures and Equipment specification			5/10/2011													RS			Not Submitted
	SWITCHYARD STRUCTURES & EQUIPMENT	Spec	1066			12/20/11				07/14/11					12/30/11		RS			Approved
TSE-4-5.0	High Voltage Structures and Equipment shop drawings			September													LG			Not Submitted
TSE-4-6.0	SWITCHYARD CONTROL/RELAYING	Spec	1057		5/27/2011	06/01/11				07/28/11					REFERENCE		LG			Approved
TSE-4-7.0	SWITCHYARD ONE-LINE DIAGRAM UNITS 1 AND 2 230KV SWITCHYARD AND TRANSMISSION	DRWG	PDS-001	10/17/2011	10/17/2011	05/13/11		11/21/11		12/14/2011	12/14/2011			02/17/12	02/23/12		LG			Approved
	SWITCHYARD ONE-LINE DIAGRAM UNITS 3 AND 4 230KV SWITCHYARD AND TRANSMISSION	DRWG	PDS-002			05/13/11		11/21/11						02/17/12	02/23/12		LG			Approved
	SWITCHYARD ONE-LINE DIAGRAM TRIP TABLE	DRWG	PDS-003					11/21/11						02/17/12	02/23/12		LG			Approved
	SWITCHYARD ONE-LINE DIAGRAM AC & DC STATION SERVICE	DRWG	PDS-030	10/17/2011	10/17/2011	05/13/11			05/20/11	12/14/2011	12/14/2011			04/12/12	02/23/12		LG			Submitted
TSE-4-8.0	SWITCHYARD LIGHTING PANEL DIAGRAM	DRWG	PDS-031			12/05/11	02/01/12							04/12/12			LG			Approved
	SWITCHYARD LIGHTING PANEL DIAGRAM	DRWG	PDS-032			12/05/11	02/01/12							04/12/12			LG			Approved
	SWITCHYARD LIGHTING PANEL DIAGRAM	DRWG	PDS-033			12/05/11	02/01/12							04/12/12			LG			Approved
	PANEL LOAD CALCULATION	CALC	1011F			12/05/11	02/01/12										LG			Approved
TSE-4-9.0	Switchyard Three-Line Diagram	DRWG	PDS-010	10/28/2011	10/28/2011					1/12/2012	1/12/2012	2/17/2012			02/23/12		LG			Approved
	Switchyard Three-Line Diagram	DRWG	PDS-011	10/28/2011	10/28/2011					1/12/2012	1/12/2012	2/17/2012			02/23/12		LG			Approved
	Switchyard Three-Line Diagram	DRWG	PDS-012	10/28/2011	10/28/2011					1/12/2012	1/12/2012	2/17/2012			02/23/12		LG			Approved
	Switchyard Three-Line Diagram	DRWG	PDS-013	10/28/2011	10/28/2011					1/12/2012	1/12/2012	2/17/2012			02/23/12		LG			Approved
	Switchyard Three-Line Diagram	DRWG	PDS-014	10/28/2011	10/28/2011					1/12/2012	1/12/2012	2/17/2012			02/23/12		LG			Approved
	Switchyard Three-Line Diagram	DRWG	PDS-015	10/28/2011	10/28/2011							2/17/2012			02/23/12		LG			Approved
TSE-5																				
TSE-5-1.0	SWITCHYARD AND T-LINE DESIGN CRITERIA DOCUMENT	070H	PDSDC-01	3/15/2011	4/6/2011	04/18/11	05/05/11		Reference								LG			Approved
TSE-1-1.1	SIGNED STATEMENT - CONFORMING TO CODE																LG			Not Submitted
TSE-5-2.0	H-Frame / Monopole Drilled Pier Drawing	DRWG	PDS-950	11/11/2011	11/11/2011	11/11/11				12/9/2011	12/9/2011		12/07/11	02/21/12	03/12/12		LG			Approved
	H-Frame / Monopole Drilled Pier Calculations	Calculation	914B-01	11/11/2011	11/11/2011	11/11/11				12/9/2011	12/9/2011		12/07/11	02/21/12	03/12/12		LG			Approved
TSE-5-2.1	Switchyard Foundation Drawing	DRWG	PDS-730	11/11/2011	11/15/2011	11/18/11	12/13/11			12/9/2011	12/9/2011		03/27/12	05/18/12	05/30/12		RS			Approved
	Switchyard Breaker Foundation Drawing	DRWG	PDS-731	11/11/2011	11/15/2011	11/18/11	12/13/11			12/9/2011	12/9/2011		03/27/12	05/18/12	05/30/12		RS			Approved
	Switchyard CCVT / CTPT Support Foundation Drawings	DRWG	PDS-732	11/11/2011	11/15/2011	11/18/11	12/13/11			12/9/2011	12/9/2011		03/27/12	05/18/12	05/30/12		RS			Approved
	Switchyard Control Module Foundation Drawings	DRWG	PDS-733	11/11/2011	11/15/2011	11/18/11	12/13/11			12/9/2011	12/9/2011		03/27/12	05/18/12	05/30/12		RS			Approved
	Switchyard Rigid Bus / Disconnect Switch Support Foundation Drawings	DRWG	PDS-734	11/11/2011	11/15/2011	11/18/11	12/13/11			12/9/2011	12/9/2011		03/27/12	05/18/12	05/30/12		RS			Approved
	Switchyard Equipment Foundations Calculations	Calculation	1054-SF-01	11/11/2011	11/15/2011	11/18/11	12/13/11			12/9/2011	12/9/2011		03/27/12	04/03/12	04/04/12		RS			Approved
	Switchyard Equipment Foundations Calculations	Calculation	1066-SF-01			11/18/11	12/13/11						03/27/12	05/18/12	05/30/12		RS			Approved
TSE-5-3.0	1066-CA-0001-001 Transmission Structures CALCs	CALCulation	1066-CA-0001-001	9/29/2011													RS			Not Submitted
	1066-CA-0002-001 Equipment Structures CALCs	CALCulation	1066-CA-0002-001	9/29/2011													RS			Not Submitted
TSE-5-3.1	EQUIPMENT STRUCTURES	V CALC	1066-CA-0002-001			09/29/11	10/24/11					11/15/11	11/28/11	01/06/12	01/18/12	1/19/2012	RS			Approved
	TRANSMISSION STRUCTURES	V CALC	1066-CA-0001-001			09/29/11	10/24/11					11/15/11	11/28/11	01/06/12	01/18/12	1/19/2012	RS			Approved
	ASCE 48 ANCHOR BOLT											01/06/12			01/18/12	1/19/2012	RS			Approved
	ASCE 48 BASE PLATE											01/06/12			01/18/12	1/19/2012	RS			Approved
	ASCE 113											01/06/12			01/18/12	1/19/2012	RS			Approved
TSE-5-3.2	230KV 3-PH LOW BUS SWITCH STAND ITEM 13 - STEEL DETAILS	V DRWG	S11-152-01			11/10/11			11/28/11			01/06/12			01/18/12		RS			Approved
	230KV 3-PH CVT/HIGH BUS SUPPORT STRUCTURE ITEM 14 - STEEL DETAILS	V DRWG	S11-152-02			11/10/11			11/28/11			01/06/12			01/18/12		RS			Approved
	230KV 3-PH HIGH BUS SUPPORT STRUCTURE ITEM 16 - STEEL DETAILS	VDRWG	S11-152-03			11/10/11			11/28/11			01/06/12			01/18/12		RS			Approved
	230KV 3-PH LOW 45 DEG. BUS SUPPORT STRUCUTRE ITEM 18 -STEEL DETAILS	VDRWG	S11-152-04			11/10/11			11/28/11			01/06/12			01/18/12		RS			Approved
	230KV 3-PH LOW BUS SUPPORT STRUCTURE ITEM 19 - STEEL DETAILS	VDRWG	S11-152-05			11/10/11			11/28/11			01/06/12			01/18/12		RS			Approved
	230KV 1-PH C.V.T. STAND ITEM 21 - ERECTION & STEEL DETAILS	VDRWG	S11-152-06			11/10/11			11/28/11			01/06/12			01/18/12		RS			Approved
	230KV 3-PH METERING CPT STAND ITEM 22 - STEEL DETAILS	VDRWG	S11-152-07			11/10/11			11/28/11			01/06/12			01/18/12		RS			Approved
	OVER-ALL ANCHOR BOLT PLAN	VDRWG	S11-152-AB1			11/10/11			11/28/11								RS			Approved
	UNIT #1 ANCHOR BOLT PLAN	VDRWG	S11-152-AB2			11/10/11			11/28/11								RS			Approved
	UNIT #2 & #3 ANCHOR BOLT PLAN	VDRWG	S11-152-AB3			11/10/11			11/28/11								RS			Approved
	UNIT #4 ANCHOR BOLT PLAN	VDRWG	S11-152-AB4			11/10/11			11/28/11								RS			Approved
	ANCHOR BOLT DETAILS, BASE PLATE DETAILS & ANCHOR BOLT SETTING TEMPLATES	VDRWG	S11-152-AB5			11/10/11			11/28/11								RS			Approved
	230KV 3-PH LOW BUS SWITCH STAND ITEM 13 - ERECTION	VDRWG	S11-152-E1			11/10/11			11/28/11			01/06/12			01/18/12		RS			Approved
	230KV 3-PH CVT/HIGH BUS SUPPORT STRUCTURE ITEM 14 - ERECTION	VDRWG	S11-152-E2			11/10/11			11/28/11			01/06/12			01/18/12		RS			Approved
	230KV 3-PH HIGH BUS SUPPORT STRUCTURE ITEM 16 - ERECTION	VDRWG	S11-152-E3			11/10/11			11/28/11			01/06/12			01/18/12		RS			Approved
	230KV 3-PH LOW 45 DEG. BUS SUPPORT STRUCTURE ITEM 18 -ERECTION	VDRWG	S11-152-E4			11/10/11			11/28/11			01/06/12			01/18/12		RS			Approved
	230KV 3-PH LOW BUS SUPPORT STRUCTURE ITEM 19 - ERECTION	VDRWG	S11-152-E5			11/10/11			11/28/11			01/06/12			01/18/12		RS			Approved
	230KV 3-PH METERING CPT STAND ITEM 22 -ERECTION	VDRWG	S11-152-E6			11/10/11			11/28/11			01/06/12			01/18/12		RS			Approved
TSE-5-3.3	TRANSMISSION STRUCUTRE DRAWINGS	VDRWG	ST-0001-001									11/15/11		01/06/12	01/18/12		RS			Approved
TSE-5-4.0	Switchyard General Arrangement Drawing	DRWG	PDS-500	10/6/2011	5/20/2011				06/07/11	11/11/11	11/11/11	05/20/11		03/07/12	03/27/12		LG			Approved
	Switchyard Detail Arrangement Drawing Unit 1	DRWG	PDS-501	10/6/2011	5/20/2011				06/07/11			05/20/11		03/07/12	03/27/12		LG			Approved
	Switchyard Detail Arrangement Drawing Units 2& 3	DRWG	PDS-502	10/6/2011	5/20/2011				06/07/11			05/20/11		03/07/12	03/27/12		LG			Approved
	Switchyard Detail Arrangement Drawing Unit 4	DRWG	PDS-503	10/6/2011	5/20/2011				06/07/11			05/20/11		03/07/12	03/27/12		LG			Approved
	Switchyard Bill of Material	DRWG	PDS-505	10/6/2011	5/20/2011				06/07/11			05/20/11		03/07/12	03/27/12		LG			Approved
	Switchyard Elevation Drawing UNITS 1 & 2	DRWG	PDS-510	10/6/2011	5/20/2011				06/07/11	11/11/11	11/11/11	05/20/11		03/07/12	03/27/12		LG			Approved
	Switchyard Elevation Drawing UNITS 3 & 4	DRWG	PDS-511	10/6/2011	5/20/2011				06/07/11	11/11/11	11/11/11	05/20/11		03/07/12	03/27/12		LG			Approved
	GSU Transformer Take-off Elevation Drawing	DRWG	PDS-513	10/6/2011	5/20/2011				06/07/11	11/11/11	11/11/11	05/20/11		03/07/12	03/27/12		LG			Approved
TSE-5-5.0	SWITCHYARD H-FRAME AND T-LINE STRUCTURE LOADING	DRWG	PDS-700	9/23/2011	9/23/2011	11/18/2011			11/28/2011	10/28/11	10/28/11						LG			Approved
	SWITCHYARD BUS SUPPORT AND EQUIPMENT STAND LOADING	DRWG	PDS-701	9/23/2011	9/23/2011					10/28/11	10/28/11						LG			Not Submitted
TSE-5-5.1	Plan & Profile Drawing Units 1 & 2 230 KV Generating Tie Line to PG&E Switchyard	DRWG	PDT-800	09/23/11	09/23/11	05/23/11			05/07/11	10/28/11	10/28/11			03/09/12	03/27/12		LG			Approved
	Plan & Profile Drawing Units 3 & 4 230 KV Generating Tie Line to PG&E Switchyard	DRWG	PDT-801	09/23/11	09/23/11	05/23/11			05/07/11					03/09/12	03/27/12		LG			Approved
TSE-5-6.0	Switchyard Grounding Plan Drawing	DRWG	PDS-560	10/20/2011	10/20/2011					11/18/11	11/18/11						LG			Not Submitted

	Switchyard Grounding Details Drawing	DRWG	PDS-561	10/20/2011	10/20/2011					11/18/11	11/18/11						LG			Not Submitted
TSE-5-7.0	Switchyard Raceway Plan Drawing	DRWG	PDS-540	11/16/2011	11/16/2011					01/16/12	01/16/12						LG			Not Submitted
	Switchyard Raceway Details Drawing	DRWG	PDS-541	11/16/2011	11/16/2011					01/16/12	01/16/12						LG			Not Submitted
TSE-5-8.0	SWITCHYARD SCHEMATIC DIAGRAM 1-SYD-BKR-01 CLOSE	DRWG	PDS-100	1/31/2012	1/31/2012					12/02/11	12/02/11	05/11/12			05/23/12		LG			Approved
	SWITCHYARD SCHEMATIC DIAGRAM 1-SYD-BKR-01 TRIP COIL #1	DRWG	PDS-101	1/31/2012	1/31/2012					12/02/11	12/02/11	05/11/12			05/23/12		LG			Approved
	SWITCHYARD SCHEMATIC DIAGRAM 1-SYD-BKR-01 TRIP COIL #2	DRWG	PDS-102	1/31/2012	1/31/2012					12/02/11	12/02/11	05/11/12			05/23/12		LG			Approved
	SWITCHYARD SCHEMATIC DIAGRAM 2-SYD-BKR-01 CLOSE	DRWG	PDS-110	1/31/2012	1/31/2012					12/02/11	12/02/11	05/11/12			05/23/12		LG			Approved
	SWITCHYARD SCHEMATIC DIAGRAM 2-SYD-BKR-01 TRIP COIL #1	DRWG	PDS-111	1/31/2012	1/31/2012					12/02/11	12/02/11	05/11/12			05/23/12		LG			Approved
	SWITCHYARD SCHEMATIC DIAGRAM 2-SYD-BKR-01 TRIP COIL #2	DRWG	PDS-112	1/31/2012	1/31/2012					12/02/11	12/02/11	05/11/12			05/23/12		LG			Approved
	SWITCHYARD SCHEMATIC DIAGRAM 3-SYD-BKR-01 CLOSE	DRWG	PDS-120	1/31/2012	1/31/2012					12/02/11	12/02/11	05/11/12			05/23/12		LG			Approved
	SWITCHYARD SCHEMATIC DIAGRAM 3-SYD-BKR-01 TRIP COIL #1	DRWG	PDS-121	1/31/2012	1/31/2012					12/02/11	12/02/11	05/11/12			05/23/12		LG			Approved
	SWITCHYARD SCHEMATIC DIAGRAM 3-SYD-BKR-01 TRIP COIL #2	DRWG	PDS-122	1/31/2012	1/31/2012					12/02/11	12/02/11	05/11/12			05/23/12		LG			Approved
	SWITCHYARD SCHEMATIC DIAGRAM 4-SYD-BKR-01 CLOSE	DRWG	PDS-130	1/31/2012	1/31/2012					12/02/11	12/02/11	05/11/12			05/23/12		LG			Approved
	SWITCHYARD SCHEMATIC DIAGRAM 3-SYD-BKR-01 TRIP COIL #1	DRWG	PDS-131	1/31/2012	1/31/2012					12/02/11	12/02/11	05/11/12			05/23/12		LG			Approved
	SWITCHYARD SCHEMATIC DIAGRAM 3-SYD-BKR-01 TRIP COIL #2	DRWG	PDS-132	1/31/2012	1/31/2012					12/02/11	12/02/11	05/11/12			05/23/12		LG			Approved
	SWITCHYARD SCHEMATIC DIAGRAM 4-SYD-BKR-01 CLOSE	DRWG	PDS-140	1/31/2012	1/31/2012					12/02/11	12/02/11	05/11/12			05/23/12		LG			Approved
	SWITCHYARD SCHEMATIC DIAGRAM 4-SYD-BKR-01 TRIP COIL #1	DRWG	PDS-141	1/31/2012	1/31/2012					12/02/11	12/02/11	05/11/12			05/23/12		LG			Approved
	SWITCHYARD SCHEMATIC DIAGRAM 4-SYD-BKR-01 TRIP COIL #2	DRWG	PDS-142	1/31/2012	1/31/2012					12/02/11	12/02/11	05/11/12			05/23/12		LG			Approved
	SWITCHYARD SCHEMATIC DIAGRAM 0-SYD-BKR-01 CLOSE	DRWG	PDS-150	1/31/2012	1/31/2012					12/02/11	12/02/11	05/11/12			05/23/12		LG			Approved
	SWITCHYARD SCHEMATIC DIAGRAM 4-SYD-BKR-01 TRIP COIL #1	DRWG	PDS-151	1/31/2012	1/31/2012					12/02/11	12/02/11	05/11/12			05/23/12		LG			Approved
	SWITCHYARD SCHEMATIC DIAGRAM 0-SYD-BKR-01 TRIP COIL #2	DRWG	PDS-152	1/31/2012	1/31/2012					12/02/11	12/02/11	05/11/12			05/23/12		LG			Approved
	SWITCHYARD SCHEMATIC DIAGRAM 0-SYD-BKR-02 CLOSE	DRWG	PDS-160	1/31/2012	1/31/2012					12/02/11	12/02/11	05/11/12			05/23/12		LG			Approved
	SWITCHYARD SCHEMATIC DIAGRAM 0-SYD-BKR-02 TRIP COIL #1	DRWG	PDS-161	1/31/2012	1/31/2012					12/02/11	12/02/11	05/11/12			05/23/12		LG			Approved
	SWITCHYARD SCHEMATIC DIAGRAM 0-SYD-BKR-02 TRIP COIL #2	DRWG	PDS-162	1/31/2012	1/31/2012					12/02/11	12/02/11	05/11/12			05/23/12		LG			Approved
	SWITCHYARD SCHEMATIC DIAGRAM 1-SYD-BKR-01 AUX CONTACTS	DRWG	PDS-163	1/31/2012	1/31/2012					12/02/11	12/02/11	05/11/12			05/23/12		LG			Approved
	SWITCHYARD SCHEMATIC DIAGRAM 2-SYD-BKR-01 AUX CONTACTS	DRWG	PDS-164	1/31/2012	1/31/2012					12/02/11	12/02/11	05/11/12			05/23/12		LG			Approved
	SWITCHYARD SCHEMATIC DIAGRAM 3-SYD-BKR-01 AUX CONTACTS	DRWG	PDS-165	1/31/2012	1/31/2012					12/02/11	12/02/11	05/11/12			05/23/12		LG			Approved
	SWITCHYARD SCHEMATIC DIAGRAM 4-SYD-BKR-01 AUX CONTACTS	DRWG	PDS-166	1/31/2012	1/31/2012					12/02/11	12/02/11	05/11/12			05/23/12		LG			Approved
	SWITCHYARD SCHEMATIC DIAGRAM 0-SYD-BKR-01 AUX CONTACTS	DRWG	PDS-167	1/31/2012	1/31/2012					12/02/11	12/02/11	05/11/12			05/23/12		LG			Approved
	SWITCHYARD SCHEMATIC DIAGRAM 0-SYD-BKR-02 AUX CONTACTS	DRWG	PDS-168	1/31/2012	1/31/2012					12/02/11	12/02/11	05/11/12			05/23/12		LG			Approved
	SWITCHYARD SCHEMATIC DIAGRAM 1-SYD-BKR-01 & 2-SYD-BKR-01 ALARMS	DRWG	PDS-170	1/31/2012	1/31/2012					12/02/11	12/02/11	05/11/12			05/23/12		LG			Approved
	SWITCHYARD SCHEMATIC DIAGRAM 3-SYD-BKR-01 & 4-SYD-BKR-01 ALARMS	DRWG	PDS-171	1/31/2012	1/31/2012					12/02/11	12/02/11	05/11/12			05/23/12		LG			Approved
	SWITCHYARD SCHEMATIC DIAGRAM 0-SYD-BKR-01 & 0-SYD-BKR-02 ALARMS	DRWG	PDS-172	1/31/2012	1/31/2012					12/02/11	12/02/11	05/11/12			05/23/12		LG			Approved
	SWITCHYARD SCHEMATIC DIAGRAM LINE 1A PROTECTION RELAY GE L90 PANEL 0-SYD-RPL-01	DRWG	PDS-175	1/31/2012	1/31/2012					12/02/11	12/02/11	05/11/12			05/23/12		LG			Approved
	SWITCHYARD SCHEMATIC DIAGRAM LINE 2A PROTECTION RELAY GE L90 PANEL 0-SYD-RPL-01	DRWG	PDS-176	1/31/2012	1/31/2012					12/02/11	12/02/11	05/11/12			05/23/12		LG			Approved
	SWITCHYARD SCHEMATIC DIAGRAM LINE 1A & 2A LOCKOUT RELAYS PANEL 0-SYD-RPL-01	DRWG	PDS-177	1/31/2012	1/31/2012					12/02/11	12/02/11	05/11/12			05/23/12		LG			Approved
	SWITCHYARD SCHEMATIC DIAGRAM LINE 1B PROTECTION RELAY SEL-311L PANEL 0-SYD-RPL-02	DRWG	PDS-180	1/31/2012	1/31/2012					12/02/11	12/02/11	05/11/12			05/23/12		LG			Approved
	SWITCHYARD SCHEMATIC DIAGRAM UNIT 1 BREAKER FAILURE PROTECTION RELAY GE F60 PANEL 0-SYD-RPL-04	DRWG	PDS-181	1/31/2012	1/31/2012					12/02/11	12/02/11	05/11/12			05/23/12		LG			Approved
	SWITCHYARD SCHEMATIC DIAGRAM UNIT 2 BREAKER FAILURE PROTECTION RELAY GE F60 PANEL 0-SYD-RPL-04	DRWG	PDS-182	1/31/2012	1/31/2012					12/02/11	12/02/11	05/11/12			05/23/12		LG			Approved
	SWITCHYARD SCHEMATIC DIAGRAM UNIT 1 & UNIT 2 BREAKER FAILURE LOCKOUT RELAYS PANEL 0-SYD-RPL-04	DRWG	PDS-185	1/31/2012	1/31/2012					12/02/11	12/02/11	05/11/12			05/23/12		LG			Approved
	SWITCHYARD SCHEMATIC DIAGRAM UNIT 1 BREAKER FAILURE PROTECTION RELAY GE F60 PANEL 0-SYD-RPL-05	DRWG	PDS-186	1/31/2012	1/31/2012					12/02/11	12/02/11	05/11/12			05/23/12		LG			Approved
	SWITCHYARD SCHEMATIC DIAGRAM UNIT 2 BREAKER FAILURE PROTECTION RELAY GE F60 PANEL 0-SYD-RPL-05	DRWG	PDS-187	1/31/2012	1/31/2012					12/02/11	12/02/11	05/11/12			05/23/12		LG			Approved
	SWITCHYARD SCHEMATIC DIAGRAM UNIT 3 BREAKER FAILURE PROTECTION RELAY GE F60 PANEL 0-SYD-RPL-06	DRWG	PDS-190	1/31/2012	1/31/2012					12/02/11	12/02/11	05/11/12			05/23/12		LG			Approved
	SWITCHYARD SCHEMATIC DIAGRAM BREAKER FAILURE PROTECTION RELAY GE F60 PANEL 0-SYD-RPL-06	DRWG	PDS-191	1/31/2012	1/31/2012					12/02/11	12/02/11	05/11/12			05/23/12		LG			Approved
	SWITCHYARD SCHEMATIC DIAGRAM UNIT 3 & UNIT 4 BREAKER FAILURE LOCKOUT RELAYS PANEL 0-SYD-RPL-06	DRWG	PDS-192	1/31/2012	1/31/2012					12/02/11	12/02/11	05/11/12			05/23/12		LG			Approved
TSE-5-9.0	DRILLED PIERS FOR POWER DELIVERY STRUCTURES	SPEC	912B			09/16/11			10/12/11			11/11/11			11/21/11		RS			Approved
TSE-5-10.0	SWITCHYARD ELECTRICAL BUILDING FOUNDATION	CALC	1057-SF-01			11/18/11			11/28/11			01/11/12			01/25/12		RS			Approved
	SWITCHYARD ELECTRICAL BUILDING FOUNDATION	DRWG	PDS-735			11/18/11			11/28/11			01/11/12			01/25/12					Approved
TSE-5-10.1	SWITCHYARD ELECTRICAL ENCLOSURE	V CALC	2012340			11/03/11		11/04/11				02/29/12			03/05/12		RS			Approved
	SWITCHYARD ELECTRICAL ENCLOSURE	VDRWG	12340-00									02/29/12			03/05/12		RS			Approved
	SWITCHYARD ELECTRICAL ENCLOSURE	VDRWG	12340-01									02/29/12			03/05/12		RS			Approved
	SWITCHYARD ELECTRICAL ENCLOSURE	VDRWG	12340-02									02/29/12			03/05/12		RS			Approved
	SWITCHYARD ELECTRICAL ENCLOSURE	VDRWG	12340-03									02/29/12			03/05/12		RS			Approved
	SWITCHYARD ELECTRICAL ENCLOSURE	VDRWG	12340-04									02/29/12			03/05/12		RS			Approved
	SWITCHYARD ELECTRICAL ENCLOSURE	VDRWG	12340-05									02/29/12			03/05/12		RS			Approved
	SWITCHYARD ELECTRICAL ENCLOSURE	VDRWG	12340-06									02/29/12			03/05/12		RS			Approved
	SWITCHYARD ELECTRICAL ENCLOSURE	VDRWG	12340-07									02/29/12			03/05/12		RS			Approved
	SWITCHYARD ELECTRICAL ENCLOSURE	VDRWG	12340-08									02/29/12			03/05/12		RS			Approved
	SWITCHYARD ELECTRICAL ENCLOSURE	VDRWG	12340-09									02/29/12			03/05/12		RS			Approved
	SWITCHYARD ELECTRICAL ENCLOSURE	VDRWG	12340-CP									02/29/12			03/05/12		RS			Approved
	SWITCHYARD ELECTRICAL ENCLOSURE	VDRWG	12340-LI									02/29/12			03/05/12		RS			Approved
TSE-5-11.0	SWITCHYARD INSTALLATION AND TESTING	SPEC				01/16/12			01/31/12								RS			Approved
TSE-5-12.0	ACCESS STEEL	SPEC	1066-3									03/27/12		04/03/12	04/04/12		RS			Approved
	SF6 ACCESS PLATFROM	DRWG	PDS-737									03/27/12		04/03/12	04/04/12		RS			Approved
TSE-7	AS BUILTS	DRWG															RS			Not Submitted
Temporary Facilities																	GA			
Temporary Facilities-1.0	Temporary Facilities				01/25/11	01/25/11		03/01/11							03/24/11		GA			Approved
	UM2 CONNECTIONS														09/13/11		GA			Approved
Temporary Facilities-2.0	Electrical One Line Diagram Overall Temporary Power	DRWG	EO-300		02/11/11	02/11/11	02/23/11	03/04/11	03/24/11					05/25/11	03/24/11		GA			Approved
	Electrical Panel Schedules Overall Temporary Power	DRWG	EP-300		02/11/11	02/11/11	02/23/11	03/04/11	03/24/11						03/24/11		GA			Approved
Building Demo	**Building Demo**					02/11/11											GA			Submitted

Temporary Facilities-3.0	Temp Concrete 4000psi														03/18/11		GA				Approved
Temporary Facilities-4.0	TEMPORARY TIMBER DECKS FOR SITE CONSTRUCTION TRAILERS	CALC	914Z-02			07/27/11	08/19/11										GA				Comments
Approved Fabricators-1.0	Matrix																GA				Not Submitted
	WELDING INSPECTION RECORDS		221 2187 WELD NDE			10/13/11									11/10/11		GA				Approved
	QUALITY MANUAL		225 QMS-01_ISO-9001			10/13/11									11/10/11		GA				Approved
	BOLTED RTP LIQUID TANKS INSTALLATION MANUAL		500 Q-006_BOLTED			10/13/11									11/10/11		GA				Approved
	ABS QUALITY EVALUATIONS		ISO_9001-2008_QE			10/13/11									11/10/11		GA				Approved
APPROVED FABRICATORS-2.0 - WAREHOUSE, BUILDING, & ENCLOSURES	BLUESCOPE BUILDINGS NORTH AMERICA, INC. CERTIFICATE		MB-147									02/03/12			02/08/12		GA				Approved
	VARCO PRUDEN BUILDING CERTIFICATE		MB-151									02/03/12			02/08/12		GA				Approved
APPROVED FABRICATORS-3.0 -PILOT GAS COOLER	FABSCO SHELL & TUBE LLC CERTIFICATE		S-R-U STAMP PLANT 2 EXPIRES 2012.DOCA									02/03/12			02/21/12		GA				Approved
APPROVED FABRICATORS-4.0 - PILOT GAS COOLER	CPG MX QUALITY SYSTEM MANUAL											02/03/12					GA				Submitted
	DATA TO GRANT THE APPROVED FABRIATOR STATUS											02/03/12					GA				Submitted
	ATTACHMENTS											02/03/12					GA				Submitted
APPROVED FABRICATORS-5.0 -SCR & STACK	CWB LETTER OF VALIDATION_LEACH & CO											02/03/12	05/30/12				GA				Comments
	MPSA FABRICATION INSPECTIONS 2012-0111											02/03/12	05/30/12				GA				Comments
APPROVED FABRICATOR-6.0 - NON SEG BUS DUCT	ISO CERTIFICATE 2012											02/15/12			02/21/12		GA				Approved
	SCHULER ENG AISC-CERTIFICATE 2012											02/15/12			02/21/12		GA				Approved
APPROVED FABRICATOR -7.0 - MPSA	ACCEPTANCE SUMMARY											04/05/12			04/25/12		GA				Approved
	Comparative Review of AWS D1.1-04 vs. CSA W47.1-03 and W59-03											04/05/12			04/25/12		GA				Approved
	Comparison of AWS D1.1 CSA W59 and W47.1R1											04/05/12			04/25/12		GA				Approved
	Comparison of AWS D1.1 VS CSA W59 and W47.1R1											04/05/12			04/25/12		GA				Approved
Total Drawings	1750																				
Comments	112	6.4%																			
Submitted	290	16.6%																			
Approved	1272	72.7%																			
Not Submitted	76	4.3%																			
		100%																			

CONTRA COSTA COUNTY-CBO

Vendor

Name CONTRA COSTA COUNTY-CBO

St	Assignment	DocumentNo	Reference	Type	Doc. Date	Pstng Date	PK	Amount in E Curr.	Check number	User Name	Text	Clrng doc.
		2E+09		ZV	2/1/2011	2/1/2011	25	159,260.00 USD	1061102	21029		2E+09
	1	5.1E+09	1	RN	1/11/2011	2/1/2011	31	-159,260.00 USD	1061102	210851		2E+09
		2E+09		ZV	2/23/2011	2/23/2011	25	79,630.00 USD	1061624	BATCH_FI		2E+09
	2	5.1E+09	2	RN	2/1/2011	2/23/2011	31	-79,630.00 USD	1061624	210851		2E+09
		2E+09		ZV	3/10/2011	3/10/2011	25	79,630.00 USD	1062038	BATCH_FI		2E+09
	3	5.1E+09	3	RN	3/1/2011	3/10/2011	31	-79,630.00 USD	1062038	200308		2E+09
		2E+09		ZV	4/15/2011	4/15/2011	25	79,630.00 USD	1063082	BATCH_FI		2E+09
	4	5.1E+09	4	RN	4/1/2011	4/15/2011	31	-79,630.00 USD	1063082	210851		2E+09
		2E+09		ZV	5/23/2011	5/23/2011	25	79,630.00 USD	1064000	BATCH_FI		2E+09
	5	5.1E+09	5	RN	5/3/2011	5/23/2011	31	-79,630.00 USD	1064000	208791		2E+09
		2E+09		ZV	6/23/2011	6/23/2011	25	79,630.00 USD	1064777	BATCH_FI		2E+09
	6	5.1E+09	6	RN	6/1/2011	6/23/2011	31	-79,630.00 USD	1064777	927946		2E+09
		2E+09		ZV	7/28/2011	7/28/2011	25	79,630.00 USD	1065750	BATCH_FI		2E+09
	7	5.1E+09	7	RN	7/1/2011	7/28/2011	31	-79,630.00 USD	1065750	927946		2E+09
		2E+09		ZV	8/18/2011	8/18/2011	25	79,630.00 USD	1066218	BATCH_FI		2E+09
	8	5.1E+09	8	RN	8/1/2011	8/18/2011	31	-79,630.00 USD	1066218	928052		2E+09
		2E+09		ZV	9/9/2011	9/9/2011	25	79,630.00 USD	1066698	BATCH_FI		2E+09
	9	5.1E+09	9	RN	9/1/2011	9/9/2011	31	-79,630.00 USD	1066698	927946		2E+09
		2E+09		ZV	10/14/2011	#########	25	79,630.00 USD	1067612	BATCH_FI		2E+09
	10	5.1E+09	10	RN	10/3/2011	#########	31	-79,630.00 USD	1067612	928052		2E+09
		2E+09		ZV	11/17/2011	#########	25	79,630.00 USD	1068405	BATCH_FI		2E+09
	11	5.1E+09	11	RN	11/1/2011	#########	31	-79,630.00 USD	1068405	928048		2E+09
		2E+09		ZV	12/20/2011	#########	25	79,630.00 USD	1069256	BATCH_FI		2E+09
	12	5.1E+09	12	RN	12/1/2011	#########	31	-79,630.00 USD	1069256	928052		2E+09
		2E+09		ZV	1/13/2012	1/13/2012	25	79,630.00 USD	1069992	BATCH_FI		2E+09
	13	5.1E+09	13	RN	1/13/2012	1/13/2012	31	-79,630.00 USD	1069992	928189		2E+09
		2E+09		ZV	2/10/2012	2/10/2012	25	79,630.00 USD	1070626	BATCH_FI		2E+09
	14	5.1E+09	14	RN	2/1/2012	2/10/2012	31	-79,630.00 USD	1070626	211745		2E+09
		2E+09		ZV	3/20/2012	3/20/2012	25	79,630.00 USD	1071398	BATCH_FI		2E+09
	15	5.1E+09	15	RN	3/1/2012	3/20/2012	31	-79,630.00 USD	1071398	928189		2E+09
		2E+09		ZV	4/18/2012	4/18/2012	25	79,630.00 USD	1072050	BATCH_FI		2E+09
	16	5.1E+09	16	RN	4/2/2012	4/18/2012	31	-79,630.00 USD	1072050	928189		2E+09
		2E+09		ZV	5/17/2012	5/17/2012	25	79,630.00 USD	1072709	BATCH_FI		2E+09
	17	5.1E+09	17	RN	5/1/2012	5/17/2012	31	-79,630.00 USD	1072709	928200		2E+09
		2E+09		ZV	6/21/2012	6/21/2012	25	79,630.00 USD	1073357	BATCH_FI		2E+09
	18	5.1E+09	18	RN	6/1/2012	6/21/2012	31	-79,630.00 USD	1073357	211745		2E+09
*								0 USD				
**	Account 216950							0 USD				

*

Vendor

Name *

St	Assignment	DocumentNo	Reference	Type	Doc. Date	Pstng Date	PK	Amount in E Curr.	Check number	User Name	Text	Clrng doc.
***								0 USD				

Subsection 2.20(GEN-8)

As of 6-30-2012

Written Notice of Completed Work Ready for Final Inspection	none
Signed Statement that Work Completed Conforms to Final Approved Plans	none

CONTRA COSTA COUNTY
Department of Conservation & Development
Building Inspection Division
651 Pine Street, N. Wing – 3rd Floor
Martinez, CA 94553 1229

MARSH LANDING PROJECT TRANSMITTAL

DATE : June 6, 2012
FROM : Jacqueline Ritchie
RE : Contra Costa County Building Inspection has reviewed the attached listed items for Mirant/Genon Marsh Landing Project - Building Permit #: BIIN11-001018

Total packages included in this Transmittal: 1

Sent for your ☐ **Information** ☒ **Review** ☐ **As Requested**

The following packages have been returned with comments and/or have been approved. Please, see the attached detailed list of documents included with each package.

MECH-1-54.0 (CBO-779)
Fire Approval Only

Deborah Sandercock, S.E. Supervising Structural Engineer	FOR Marie Taylor Supervising Building Inspector	Gary Faria Senior Grading Inspector

Z:\Marsh Landing Power Plant Project\Marsh Landing Transmittals\Transmittal (2).doc

Marsh Landing - CBO Transmittal Report

Title MECH-1-54.0 **CBO-0779** **File No** 015F

Document Type	Dwg No _Rev	Rev Date	Description	CCC Eng	Apv Date	Upload / Rtn Date	Comments
Docs	Marsh Landing Hydrant Transit		Marsh Landing Hydrant Transition Info	RM	6/4/2012	6/6/2012	Fire Approval Only

CONTRA COSTA COUNTY
Department of Conservation & Development
Building Inspection Division
651 Pine Street, N. Wing – 3rd Floor
Martinez, CA 94553 1229

MARSH LANDING PROJECT TRANSMITTAL

DATE : June 6, 2012

FROM : Jacqueline Ritchie

RE : Contra Costa County Building Inspection has reviewed the attached listed items for Mirant/Genon Marsh Landing Project - Building Permit #: BIIN11-001018

Total packages included in this Transmittal: 4

Sent for your ☐ **Information** ☒ **Review** ☐ **As Requested**

The following packages have been returned with comments and/or have been approved. Please, see the attached detailed list of documents included with each package.

MECH-1-51.0 (CBO-0748)
Approved with Fire Approval

MECH-1-50.0 (CBO-0747)
Approved with Fire Approval

MECH-1-14.0 (CBO-0774)
Approved with Fire Approval

MECH-1-16.0 (CBO-0775)
Approved with Fire Approval

Deborah Sandercock, S.E.
Supervising Structural Engineer

Marie Taylor FOR
Supervising Building Inspector

Gary Faria
Senior Grading Inspector

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Marsh Landing - CBO Transmittal Report

Title MECH-1-14.0 **CBO-0774** **File No** 015F

Document Type	Dwg No _Rev	Rev Date	Description	CCC Eng	Apv Date	Upload / Rtn Date	Comments
Drawing	2009-019-0FGS1003-1 rev1	05/29/12	Large Bore Fabrication Isometric FGS - Fuel Gas	MT	6/6/2012	6/6/2012	Approved with Fire Approval
Drawing	2009-019-0FGS1009-1 rev1	05/29/12	Large Bore Fabrication Isometric FGS - Fuel Gas	MT	6/6/2012	6/6/2012	Approved with Fire Approval
Drawing	2009-019-0FGS1010-1 rev1	05/29/12	Large Bore Fabrication Isometric FGS - Fuel Gas	MT	6/6/2012	6/6/2012	Approved with Fire Approval
Drawing	2009-019-0FGS1012-1 rev1	05/29/12	Large Bore Fabrication Isometric FGS - Fuel Gas	MT	6/6/2012	6/6/2012	Approved with Fire Approval
Drawing	2009-019-0FGS2003-1 rev1	05/29/12	Large Bore Fabrication Isometric FGS - Fuel Gas	MT	6/6/2012	6/6/2012	Approved with Fire Approval
Drawing	2009-019-0FGS2009-1 rev1	05/29/12	Large Bore Fabrication Isometric FGS - Fuel Gas	MT	6/6/2012	6/6/2012	Approved with Fire Approval
Drawing	2009-019-0FGS2010-1 rev1	05/29/12	Large Bore Fabrication Isometric FGS - Fuel Gas	MT	6/6/2012	6/6/2012	Approved with Fire Approval
Drawing	2009-019-0FGS2012-1 rev1	05/29/12	Large Bore Fabrication Isometric FGS - Fuel Gas	MT	6/6/2012	6/6/2012	Approved with Fire Approval
Drawing	2009-019-0FGS4003-1 rev1	05/29/12	Large Bore Fabrication Isometric FGS - Fuel Gas	MT	6/6/2012	6/6/2012	Approved with Fire Approval
Drawing	2009-019-0FGS4009-1 rev1	05/29/12	Large Bore Fabrication Isometric FGS - Fuel Gas	MT	6/6/2012	6/6/2012	Approved with Fire Approval
Drawing	2009-019-0FGS4010-1 rev1	05/29/12	Large Bore Fabrication Isometric FGS - Fuel Gas	MT	6/6/2012	6/6/2012	Approved with Fire Approval
Drawing	2009-019-0FGS4012-1 rev1	05/29/12	Large Bore Fabrication Isometric FGS - Fuel Gas	MT	6/6/2012	6/6/2012	Approved with Fire Approval
Drawing	2009-019-0FGS6006-1 rev1	05/29/12	Large Bore Fabrication Isometric FGS - Fuel Gas	MT	6/6/2012	6/6/2012	Approved with Fire Approval

Drawing	2009-019-0FGS6010-1 rev1	05/29/12	Large Bore Fabrication Isometric FGS - Fuel Gas	MT	6/6/2012	6/6/2012	Approved with Fire Approval
Drawing	2009-019-0FGS6012-1 rev1	05/29/12	Large Bore Fabrication Isometric FGS - Fuel Gas	MT	6/6/2012	6/6/2012	Approved with Fire Approval
Drawing	2009-019-0FGS6016-1 rev1	05/29/12	Large Bore Fabrication Isometric FGS - Fuel Gas	MT	6/6/2012	6/6/2012	Approved with Fire Approval
Drawing	2009-019-0FGS6016-2 rev1	05/29/12	Large Bore Fabrication Isometric FGS - Fuel Gas	MT	6/6/2012	6/6/2012	Approved with Fire Approval
Drawing	2009-019-0FGS6020-1 rev1	05/29/12	Large Bore Fabrication Isometric FGS - Fuel Gas	MT	6/6/2012	6/6/2012	Approved with Fire Approval
Drawing	2009-019-0FGS6022-1 rev1	05/29/12	Large Bore Fabrication Isometric FGS - Fuel Gas	MT	6/6/2012	6/6/2012	Approved with Fire Approval
Drawing	2009-019-0FGS6024-1 rev1	05/29/12	Large Bore Fabrication Isometric FGS - Fuel Gas	MT	6/6/2012	6/6/2012	Approved with Fire Approval
Drawing	2009-019-0FGS6029-1 rev1	05/29/12	Large Bore Fabrication Isometric FGS - Fuel Gas	MT	6/6/2012	6/6/2012	Approved with Fire Approval
Drawing	2009-019-0FGS6031-1 rev2	05/29/12	Large Bore Fabrication Isometric FGS - Fuel Gas	MT	6/6/2012	6/6/2012	Approved with Fire Approval
Drawing	2009-019-0FGS6032-1 rev1	05/29/12	Large Bore Fabrication Isometric FGS - Fuel Gas	MT	6/6/2012	6/6/2012	Approved with Fire Approval
Drawing	2009-019-0FGS6038-1 rev1	05/29/12	Large Bore Fabrication Isometric FGS - Fuel Gas	MT	6/6/2012	6/6/2012	Approved with Fire Approval
Drawing	2009-019-0FGS6041-1 rev1	05/29/12	Large Bore Fabrication Isometric FGS - Fuel Gas	MT	6/6/2012	6/6/2012	Approved with Fire Approval
Drawing	2009-019-0FGS6042-1 rev1	05/29/12	Large Bore Fabrication Isometric FGS - Fuel Gas	MT	6/6/2012	6/6/2012	Approved with Fire Approval
Drawing	2009-019-0FGS6043-1 rev1	05/29/12	Large Bore Fabrication Isometric FGS - Fuel Gas	MT	6/6/2012	6/6/2012	Approved with Fire Approval
Drawing	2009-019-0FGS6046-1 rev1	05/29/12	Large Bore Fabrication Isometric FGS - Fuel Gas	MT	6/6/2012	6/6/2012	Approved with Fire Approval
Drawing	2009-019-0FGS6051-1 rev1	05/29/12	Large Bore Fabrication Isometric FGS - Fuel Gas	MT	6/6/2012	6/6/2012	Approved with Fire Approval

Drawing	2009-019-0FGS6057-1 rev1	05/29/12	Large Bore Fabrication Isometric FGS - Fuel Gas	MT	6/6/2012	6/6/2012	Approved with Fire Approval
Drawing	2009-019-0FGS6064-1 rev1	05/29/12	Large Bore Fabrication Isometric FGS - Fuel Gas	MT	6/6/2012	6/6/2012	Approved with Fire Approval
Drawing	2009-019-0FGS6067-1 rev1	05/29/12	Large Bore Fabrication Isometric FGS - Fuel Gas	MT	6/6/2012	6/6/2012	Approved with Fire Approval

Title MECH-1-16.0 CBO-0775 File No 015F

Document Type	*Dwg No Rev*	*Rev Date*	*Description*	*CCC Eng*	*Apv Date*	*Upload / Rtn Date*	*Comments*
Drawing	2009-019-0FPS6001-1 rev2	05/29/12	Large Bore Fabrication Isometric FPS - Fire Protection	MT	6/6/2012	6/6/2012	Approved with Fire Approval
Drawing	2009-019-0FPS6002-1 rev2	05/29/12	Large Bore Fabrication Isometric FPS - Fire Protection	MT	6/6/2012	6/6/2012	Approved with Fire Approval

Title MECH-1-50.0 CBO-0747 File No 015F

Document Type	*Dwg No Rev*	*Rev Date*	*Description*	*CCC Eng*	*Apv Date*	*Upload / Rtn Date*	*Comments*
Drawing	2009-019-YP-0220 Rev. 4		Mechanical Underground Yard Piping	MT	5/30/2012	6/6/2012	Approved with Fire Approval
Drawing	2009-019-YP-0240 Rev. 3		Mechanical Underground Yard Piping	MT	5/30/2012	6/6/2012	Approved with Fire Approval

Title MECH-1-51.0 CBO-0748 File No 015F

Document Type	*Dwg No Rev*	*Rev Date*	*Description*	*CCC Eng*	*Apv Date*	*Upload / Rtn Date*	*Comments*
Drawing	2009-019-YP-0230 Rev. 6		Mechanical Underground Yard Piping	MT	5/30/2012	6/6/2012	Approved with Fire Approval

CONTRA COSTA COUNTY
Department of Conservation & Development
Building Inspection Division
651 Pine Street, N. Wing – 3rd Floor
Martinez, CA 94553 1229

MARSH LANDING PROJECT TRANSMITTAL

DATE : June 6, 2012
FROM : Jacqueline Ritchie
RE : Contra Costa County Building Inspection has reviewed the attached listed items for Mirant/Genon Marsh Landing Project - Building Permit #: BIIN11-001018

Total packages included in this Transmittal: ~~3~~ 4

Sent for your ☐ **Information** ☒ **Review** ☐ **As Requested**

The following packages have been returned with comments and/or have been approved. Please, see the attached detailed list of documents included with each package.

MECH-1-10.0 (CBO-0773)
Approved

MECH-1-18.0 (CBO-0776)
Approved

MECH-1-8.0 (CBO-0777)
Approved

MECH-1-12.0 (CBO-0778)
Approved

Deborah Sandercock, S.E.
Supervising Structural Engineer

JRitchie FOR
Marie Taylor
Supervising Building Inspector

Gary Faria
Senior Grading Inspector

Z:\Marsh Landing Power Plant Project\Marsh Landing Transmittals\Transmittal (2).doc

Marsh Landing - CBO Transmittal Report

Title MECH-1-10.0 **CBO-0773** **File No** 015F

Document Type	Dwg No _Rev	Rev Date	Description	CCC Eng	Apv Date	Upload / Rtn Date	Comments
Drawing	2009-019-0DWS6006-1 rev2	05/29/12	Large Bore Fabrication Isometric DWS - Demineralized Water	MT	6/6/2012	6/6/2012	Approved
Drawing	2009-019-0DWS6007-1 rev2	05/29/12	Large Bore Fabrication Isometric DWS - Demineralized Water	MT	6/6/2012	6/6/2012	Approved
Drawing	2009-019-0DWS6013-1 rev2	05/29/12	Large Bore Fabrication Isometric DWS - Demineralized Water	MT	6/6/2012	6/6/2012	Approved

Title MECH-1-12.0 **CBO-0778** **File No** 015F

Document Type	Dwg No _Rev	Rev Date	Description	CCC Eng	Apv Date	Upload / Rtn Date	Comments
Drawing	2009-019-0SWT6001-1 rev2	05/29/12	Large Bore Fabrication Isometric SWT - Service Water Treatment	MT	6/6/2012	6/6/2012	Approved
Drawing	2009-019-0SWT6002-1 rev1	05/29/12	Large Bore Fabrication Isometric SWT - Service Water Treatment	MT	6/6/2012	6/6/2012	Approved
Drawing	2009-019-0SWT6003-1 rev1	05/29/12	Large Bore Fabrication Isometric SWT - Service Water Treatment	MT	6/6/2012	6/6/2012	Approved
Drawing	2009-019-0SWT6008-1 rev2	05/29/12	Large Bore Fabrication Isometric SWT - Service Water Treatment	MT	6/6/2012	6/6/2012	Approved
Drawing	2009-019-0SWT6009-1 rev1	05/29/12	Large Bore Fabrication Isometric SWT - Service Water Treatment	MT	6/6/2012	6/6/2012	Approved
Drawing	2009-019-0SWT6010-1 rev2	05/29/12	Large Bore Fabrication Isometric SWT - Service Water Treatment	MT	6/6/2012	6/6/2012	Approved
Drawing	2009-019-0SWT6011-1 rev2	05/29/12	Large Bore Fabrication Isometric SWT - Service Water Treatment	MT	6/6/2012	6/6/2012	Approved
Drawing	2009-019-0SWT6012-1 rev1	05/29/12	Large Bore Fabrication Isometric SWT - Service Water Treatment	MT	6/6/2012	6/6/2012	Approved

Drawing	2009-019-0SWT6016-1 rev2	05/29/12	Large Bore Fabrication Isometric SWT - Service Water Treatment	MT	6/6/2012	6/6/2012	Approved
Drawing	2009-019-0SWT6021-1 rev2	05/29/12	Large Bore Fabrication Isometric SWT - Service Water Treatment	MT	6/6/2012	6/6/2012	Approved
Drawing	2009-019-0SWT6022-1 rev2	05/29/12	Large Bore Fabrication Isometric SWT - Service Water Treatment	MT	6/6/2012	6/6/2012	Approved
Drawing	2009-019-0SWT6025-1 rev1	05/29/12	Large Bore Fabrication Isometric SWT - Service Water Treatment	MT	6/6/2012	6/6/2012	Approved
Drawing	2009-019-0SWT6032-1 rev1	05/29/12	Large Bore Fabrication Isometric SWT - Service Water Treatment	MT	6/6/2012	6/6/2012	Approved
Drawing	2009-019-0SWT6036-1 rev1	05/29/12	Large Bore Fabrication Isometric SWT - Service Water Treatment	MT	6/6/2012	6/6/2012	Approved
Drawing	2009-019-0SWT6040-1 rev1	05/29/12	Large Bore Fabrication Isometric SWT - Service Water Treatment	MT	6/6/2012	6/6/2012	Approved

Title MECH-1-18.0 CBO-0776 File No 015F

Document Type	*Dwg No _Rev*	*Rev Date*	*Description*	*CCC Eng*	*Apv Date*	*Upload / Rtn Date*	*Comments*
Drawing	2009-019-0INA6036-1 rev2	05/29/12	Large Bore Fabrication Isometric INA - Instrument Air	MT	6/6/2012	6/6/2012	Approved

Title MECH-1-8.0 CBO-0777 File No 015F

Document Type	*Dwg No _Rev*	*Rev Date*	*Description*	*CCC Eng*	*Apv Date*	*Upload / Rtn Date*	*Comments*
Drawing	2009-019-1CTP1013-1 rev2	05/29/12	CTP Large Bore Isometrics	MT	6/6/2012	6/6/2012	Approved
Drawing	2009-019-1CTP1014-1 rev1	05/29/12	CTP Large Bore Isometrics	MT	6/6/2012	6/6/2012	Approved
Drawing	2009-019-1CTP2013-1 rev2	05/29/12	CTP Large Bore Isometrics	MT	6/6/2012	6/6/2012	Approved
Drawing	2009-019-1CTP2014-1 rev1	05/29/12	CTP Large Bore Isometrics	MT	6/6/2012	6/6/2012	Approved
Drawing	2009-019-1CTP3013-1 rev2	05/29/12	CTP Large Bore Isometrics	MT	6/6/2012	6/6/2012	Approved

Drawing	2009-019-1CTP3014-1 rev1	05/29/12	CTP Large Bore Isometrics	MT	6/6/2012	6/6/2012	Approved
Drawing	2009-019-1CTP4013-1 rev2	05/29/12	CTP Large Bore Isometrics	MT	6/6/2012	6/6/2012	Approved
Drawing	2009-019-1CTP4014-1 rev1	05/29/12	CTP Large Bore Isometrics	MT	6/6/2012	6/6/2012	Approved

CONTRA COSTA COUNTY
Department of Conservation & Development
Building Inspection Division
651 Pine Street, N. Wing – 3rd Floor
Martinez, CA 94553 1229

MARSH LANDING PROJECT TRANSMITTAL

DATE : June 6, 2012
FROM : Jacqueline Ritchie
RE : Contra Costa County Building Inspection has reviewed the attached listed items for Mirant/Genon Marsh Landing Project - Building Permit #: BIIN11-001018

Total packages included in this Transmittal: 5

Sent for your ☐ **Information** ☒ **Review** ☐ **As Requested**

The following packages have been returned with comments and/or have been approved. Please, see the attached detailed list of documents included with each package.

MECH-1-27.0 (CBO-0757)
Reviewed for Reference Only

MECH-1-28.0 (CBO-0758)
Reviewed for Reference Only

MECH-1-29.0 (CBO-0759)
Reviewed for Reference Only

MECH-1-30.0 (CBO-0760)
Reviewed for Reference Only

MECH-1-31.0 (CBO-0761)
Reviewed for Reference Only

Deborah Sandercock, S.E.
Supervising Structural Engineer

Marie Taylor FOR
Marie Taylor
Supervising Building Inspector

Gary Faria
Senior Grading Inspector

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Marsh Landing - CBO Transmittal Report

Title MECH-1-27.0 **CBO-0757** **File No** 015F

Document Type	Dwg No _Rev	Rev Date	Description	CCC Eng	Apv Date	Upload / Rtn Date	Comments
Drawing	2009-019-PS-330 rev1	05/18/12	Piping and Instrumentation Diagram CTP - Miscellaneous Combustion Turbine Piping	MT		6/6/2012	Reviewed for Reference Only
Drawing	2009-019-PS-331 rev1	05/18/12	Piping and Instrumentation Diagram CTP - Miscellaneous Combustion Turbine Piping	MT		6/6/2012	Reviewed for Reference Only
Drawing	2009-019-PS-332 rev1	05/18/12	Piping and Instrumentation Diagram CTP - Miscellaneous Combustion Turbine Piping	MT		6/6/2012	Reviewed for Reference Only
Drawing	2009-019-PS-333 rev1	05/18/12	Piping and Instrumentation Diagram CTP - Miscellaneous Combustion Turbine Piping	MT		6/6/2012	Reviewed for Reference Only

Title MECH-1-28.0 **CBO-0758** **File No** 015F

Document Type	Dwg No _Rev	Rev Date	Description	CCC Eng	Apv Date	Upload / Rtn Date	Comments
Drawing	2009-019-PS-360 rev1	05/18/12	Piping and Instrumentation Diagram RWS - Raw Water	MT		6/6/2012	Reviewed for Reference Only

Title MECH-1-29.0 **CBO-0759** **File No** 015F

Document Type	Dwg No Rev	Rev Date	Description	CCC Eng	Apv Date	Upload / Rtn Date	Comments
Drawing	2009-019-PS-375 rev1	05/18/12	Piping and Instrumentation Diagram SWT -Service Water Treatment	MT		6/6/2012	Reviewed for Reference Only
Drawing	2009-019-PS-376 rev1	05/18/12	Piping and Instrumentation Diagram SWT -Service Water Treatment	MT		6/6/2012	Reviewed for Reference Only

Drawing	2009-019-PS-377 rev1	05/18/12	Piping and Instrumentation Diagram SWT -Service Water Treatment	MT		6/6/2012	Reviewed for Reference Only

Title **MECH-1-30.0** **CBO-0760** **File No** **015F**

Document Type	*Dwg No Rev*	*Rev Date*	*Description*	*CCC Eng*	*Apv Date*	*Upload / Rtn Date*	*Comments*
Drawing	2009-019-PS-390 rev1	05/18/12	Piping and Instrumentation Diagram SWS - Service Water	MT		6/6/2012	Reviewed for Reference Only
Drawing	2009-019-PS-391 rev1	05/18/12	Piping and Instrumentation Diagram SWS - Service Water	MT		6/6/2012	Reviewed for Reference Only

Title **MECH-1-31.0** **CBO-0761** **File No** **015F**

Document Type	*Dwg No Rev*	*Rev Date*	*Description*	*CCC Eng*	*Apv Date*	*Upload / Rtn Date*	*Comments*
Drawing	2009-019-PS-400 rev1	05/18/12	Piping and Instrumentation Diagram PWS - Potable Water	MT		6/6/2012	Reviewed for Reference Only

CONTRA COSTA COUNTY
Department of Conservation & Development
Building Inspection Division
651 Pine Street, N. Wing – 3rd Floor
Martinez, CA 94553 1229

MARSH LANDING PROJECT TRANSMITTAL

DATE : June 6, 2012
FROM : Jacqueline Ritchie
RE : Contra Costa County Building Inspection has reviewed the attached listed items for Mirant/Genon Marsh Landing Project - Building Permit #: BIIN11-001018

Total packages included in this Transmittal: 5

Sent for your ☐ **Information** ☒ **Review** ☐ **As Requested**

The following packages have been returned with comments and/or have been approved. Please, see the attached detailed list of documents included with each package.

MECH-1-32.0 (CBO-0762)
Reviewed for Reference Only

MECH-1-35.0 (CBO-0765)
Reviewed for Reference Only

MECH-1-39.0 (CBO-0769)
Reviewed for Reference Only

MECH-1-40.0 (CBO-0770)
Reviewed for Reference Only

MECH-1-61.0 (CBO-0771)
Reviewed for Reference Only

JRitchie for

Deborah Sandercock, S.E.
Supervising Structural Engineer

Marie Taylor
Supervising Building Inspector

Gary Faria
Senior Grading Inspector

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Marsh Landing - CBO Transmittal Report

Title MECH-1-32.0 **CBO-0762** **File No** 015F

Document Type	Dwg No _Rev	Rev Date	Description	CCC Eng	Apv Date	Upload / Rtn Date	Comments
Drawing	2009-019-PS-410 rev1	05/18/12	Piping and Instrumentation Diagram DWS - Demineralized Water	MT		6/6/2012	Reviewed for Reference Only

Title MECH-1-35.0 **CBO-0765** **File No** 015F

Document Type	Dwg No _Rev	Rev Date	Description	CCC Eng	Apv Date	Upload / Rtn Date	Comments
Drawing	2009-019-PS-560 rev1	05/18/12	Piping and Instrumentation Diagram INA - Instrument Air	MT		6/6/2012	Reviewed for Reference Only
Drawing	2009-019-PS-561 rev1	05/18/12	Piping and Instrumentation Diagram INA - Instrument Air	MT		6/6/2012	Reviewed for Reference Only
Drawing	2009-019-PS-562 rev1	05/18/12	Piping and Instrumentation Diagram INA - Instrument Air	MT		6/6/2012	Reviewed for Reference Only

Title MECH-1-39.0 **CBO-0769** **File No** 015F

Document Type	Dwg No _Rev	Rev Date	Description	CCC Eng	Apv Date	Upload / Rtn Date	Comments
Drawing	2009-019-PS-960 rev1	05/18/12	Piping and Instrumentation Diagram WDR - Wastewater Disposal	MT		6/6/2012	Reviewed for Reference Only
Drawing	2009-019-PS-961 rev1	05/18/12	Piping and Instrumentation Diagram WDR - Wastewater Disposal	MT		6/6/2012	Reviewed for Reference Only
Drawing	2009-019-PS-962 rev1	05/18/12	Piping and Instrumentation Diagram WDR - Wastewater Disposal	MT		6/6/2012	Reviewed for Reference Only

Title MECH-1-40.0 **CBO-0770** **File No** 015F

Document Type	Dwg No _Rev	Rev Date	Description	CCC Eng	Apv Date	Upload / Rtn Date	Comments
Drawing	2009-019-PS-970 rev1	05/18/12	Piping and Instrumentation Diagram PDR - Plant Drains and Disposal	MT		6/6/2012	Reviewed for Reference Only
Drawing	2009-019-PS-971 rev1	05/18/12	Piping and Instrumentation Diagram PDR - Plant Drains and Disposal	MT		6/6/2012	Reviewed for Reference Only

Title MECH-1-61.0 CBO-0771 File No 015F

Document Type	Dwg No Rev	Rev Date	Description	CCC Eng	Apv Date	Upload / Rtn Date	Comments
Drawing	2009-019-PS-981 rev0		Piping and Instrumentation Digram ELE - Electrical CTG 1/CEMS 1/SCR	MT		6/6/2012	Reviewed for Reference Only
Drawing	2009-019-PS-982 rev0		Piping and Instrumentation Digram ELE - Electrical CTG 2/CEMS 2/SCR	MT		6/6/2012	Reviewed for Reference Only
Drawing	2009-019-PS-983 rev0		Piping and Instrumentation Digram ELE - Electrical CTG 3/CEMS 3/SCR	MT		6/6/2012	Reviewed for Reference Only
Drawing	2009-019-PS-984 rev0		Piping and Instrumentation Digram ELE - Electrical CTG 4/CEMS 4/SCR	MT		6/6/2012	Reviewed for Reference Only
Drawing	2009-019-PS-985 rev0		Piping and Instrumentation Digram ELE - Electrical Switchyard/GSU/UAT	MT		6/6/2012	Reviewed for Reference Only
Drawing	2009-019-PS-986 rev0		Piping and Instrumentation Digram ELE - Electrical Medium Voltage Switchgear	MT		6/6/2012	Reviewed for Reference Only
Drawing	2009-019-PS-987 rev0		Piping and Instrumentation Digram ELE - Electrical Low Voltage Switchgear	MT		6/6/2012	Reviewed for Reference Only
Drawing	2009-019-PS-988 rev0		Piping and Instrumentation Digram ELE - Electrical Misc. Electrical	MT		6/6/2012	Reviewed for Reference Only

CONTRA COSTA COUNTY
Department of Conservation & Development
Building Inspection Division
651 Pine Street, N. Wing – 3rd Floor
Martinez, CA 94553 1229

MARSH LANDING PROJECT TRANSMITTAL

DATE : June 12, 2012
FROM : Jacqueline Ritchie
RE : Contra Costa County Building Inspection has reviewed the attached listed items for Mirant/Genon Marsh Landing Project - Building Permit #: BIIN11-001018

Total packages included in this Transmittal: 1

Sent for your ☐ **Information** ☒ **Review** ☐ **As Requested**

2.21

The following packages have been returned with comments and/or have been approved. Please, see the attached detailed list of documents included with each package.

MECH-1-38.0 (CBO-0768)
Approved

Deborah Sandercock, S.E.
Supervising Structural Engineer

Mike Taylor
Supervising Building Inspector

Gary Faria
Senior Grading Inspector

Marsh Landing - CBO Transmittal Report

Title **MECH-1-38.0** **CBO-0768** **File No** **015F**

Document Type	Dwg No _Rev	Rev Date	Description	CCC Eng	Apv Date	Upload / Rtn Date	Comments
Drawing	2009-019-PS-950 rev1	05/18/12	Piping and Instrumentation Diagram SDR - Sanitary Drains	MT	6/12/2012	6/12/2012	Approved

CONTRA COSTA COUNTY
Department of Conservation & Development
Building Inspection Division
651 Pine Street, N. Wing – 3rd Floor
Martinez, CA 94553 1229

MARSH LANDING PROJECT TRANSMITTAL

DATE : June 21, 2012
FROM : Jacqueline Ritchie
RE : Contra Costa County Building Inspection has reviewed the attached listed items for Mirant/Genon Marsh Landing Project - Building Permit #: BIIN11-001018

Total packages included in this Transmittal: 6

Sent for your ☐ **Information** ☒ **Review** ☐ **As Requested**

The following packages have been returned with comments and/or have been approved. Please, see the attached detailed list of documents included with each package.

ELEC-1-16.0 (CBO-0781)
Approved

ELEC-1-12.2 (CBO-0794)
Approved

MECH-1-46.0 (CBO-0785)
Approved

MECH-1-44.0 (CBO-0784)
Approved

MECH-1-18.0 (CBO-0786)
Approved

Deborah Sandercock, S.E.
Supervising Structural Engineer

Marie Taylor
Supervising Building Inspector

Gary Faria
Senior Grading Inspector

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Marsh Landing - CBO Transmittal Report

Title ELEC-1-12.2 **CBO-0794** **File No** 015F

Document Type	Dwg No _Rev	Rev Date	Description	CCC Eng	Apv Date	Upload / Rtn Date	Comments
Drawing	2009-019-EO-020.		Electrical One-Line Diagram Plan 125VDC System	MT	6/21/2012	6/21/2012	Approved
Drawing	2009-019-EO-021.		Electrical One-Line Diagram Plant UPS System	MT	6/21/2012	6/21/2012	Approved

Title ELEC-1-16.0 **CBO-0781** **File No** 015F

Document Type	Dwg No Rev	Rev Date	Description	CCC Eng	Apv Date	Upload / Rtn Date	Comments
Drawing	2009-019-EL-010 rev1	06/05/12	Electrical Lighting Layout Raw Water Storage Area	MT	6/21/2012	6/21/2012	Approved
Drawing	2009-019-EL-020 rev1	06/05/12	Electrical Lighting Layout Water Treatment Area	MT	6/21/2012	6/21/2012	Approved
Drawing	2009-019-EL-030 rev1	06/05/12	Electrical Lighting Layout Fuel Gas Compressors	MT	6/21/2012	6/21/2012	Approved
Drawing	2009-019-EL-130 rev1	06/05/12	Electrical Lighting Layout Gas Compressor Building, Stack 2 and 3	MT	6/21/2012	6/21/2012	Approved

Title MECH-1-18.0 **CBO-0786** **File No** 015F

Document Type	Dwg No Rev	Rev Date	Description	CCC Eng	Apv Date	Upload / Rtn Date	Comments
Drawing	2009-019-0INA6035-1 rev2	06/07/12	Large Bore Fabrication Isometric INA - Instrument Air	MT	6/21/2012	6/21/2012	Approved
Drawing	2009-019-0INA6036-1 rev3	06/07/12	Large Bore Fabrication Isometric INA - Instrument Air	MT	6/21/2012	6/21/2012	Approved
Drawing	2009-019-0INA6041-1 rev2	06/07/12	Large Bore Fabrication Isometric INA - Instrument Air	MT	6/21/2012	6/21/2012	Approved

Title	MECH-1-44.0	CBO-0784	File No 015F

Document Type	Dwg No _Rev	Rev Date	Description	CCC Eng	Apv Date	Upload / Rtn Date	Comments
Drawing	2009-019-0SWS6002-1 rev0		Large Bore Fabrication Isometric SWS - Service Water	MT	6/21/2012	6/21/2012	Approved
Drawing	2009-019-0SWS6015-1 rev1	06/07/12	Large Bore Fabrication Isometric SWS - Service Water	MT	6/21/2012	6/21/2012	Approved
Drawing	2009-019-0SWS6016-1 rev1	06/07/12	Large Bore Fabrication Isometric SWS - Service Water	MT	6/21/2012	6/21/2012	Approved
Drawing	2009-019-0SWS6018-1 rev1	06/07/12	Large Bore Fabrication Isometric SWS - Service Water	MT	6/21/2012	6/21/2012	Approved
Drawing	2009-019-0SWS6019-1 rev1	06/07/12	Large Bore Fabrication Isometric SWS - Service Water	MT	6/21/2012	6/21/2012	Approved
Drawing	2009-019-1SWS1001-1 rev1	06/07/12	Large Bore Fabrication Isometric SWS - Service Water	MT	6/21/2012	6/21/2012	Approved
Drawing	2009-019-2SWS2001-1 rev1	06/07/12	Large Bore Fabrication Isometric SWS - Service Water	MT	6/21/2012	6/21/2012	Approved
Drawing	2009-019-3SWS3001-1 rev1	06/07/12	Large Bore Fabrication Isometric SWS - Service Water	MT	6/21/2012	6/21/2012	Approved
Drawing	2009-019-4SWS4001-1 rev1	06/07/12	Large Bore Fabrication Isometric SWS - Service Water	MT	6/21/2012	6/21/2012	Approved

Title	MECH-1-46.0	CBO-0785	File No 015F

Document Type	Dwg No Rev	Rev Date	Description	CCC Eng	Apv Date	Upload / Rtn Date	Comments
Drawing	2009-019-0SDR6001-1 rev1	06/07/12	Large Bore Fabrication Isometrics SDR - Sanitary Drains	MT	6/21/2012	6/21/2012	Approved
Drawing	2009-019-0SDR6001-2 rev1	06/07/12	Large Bore Fabrication Isometrics SDR - Sanitary Drains	MT	6/21/2012	6/21/2012	Approved
Drawing	2009-019-0SDR6005-1 rev1	06/07/12	Large Bore Fabrication Isometrics SDR - Sanitary Drains	MT	6/21/2012	6/21/2012	Approved

Drawing	2009-019-0SDR6006-1 rev1	06/07/12	Large Bore Fabrication Isometrics SDR - Sanitary Drains	MT	6/21/2012	6/21/2012	Approved

CONTRA COSTA COUNTY
Department of Conservation & Development
Building Inspection Division
651 Pine Street, N. Wing – 3rd Floor
Martinez, CA 94553 1229

MARSH LANDING PROJECT TRANSMITTAL

DATE : June 26, 2012
FROM : Jacqueline Ritchie
RE : Contra Costa County Building Inspection has reviewed the attached listed items for Mirant/Genon Marsh Landing Project - Building Permit #: BIIN11-001018

Total packages included in this Transmittal: 4

Sent for your ☐ **Information** ☒ **Review** ☐ **As Requested**

The following packages have been returned with comments and/or have been approved. Please, see the attached detailed list of documents included with each package.

MECH-1-25.0 (CBO-0755)
CBO: Reviewed for Reference Only
Fire: Reviewed for Reference Only

MECH-1-26.0 (CBO-0756)
CBO: Reviewed for Reference Only
Fire: Reviewed for Reference Only

STRUC-1-25.0 (CBO-0793)
CBO: Approved
Fire: Approved

MECH-1-51.0 (CBO-0782)
CBO: Approved
Fire: Approved

Deborah Sandercock, S.E.
Supervising Structural Engineer

Marie Taylor for
Marie Taylor
Supervising Building Inspector

Gary Faria
Senior Grading Inspector

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Marsh Landing - CBO Transmittal Report

Title MECH-1-25.0 **CBO-0755** **File No** 015F

Document Type	Dwg No _Rev	Rev Date	Description	CCC Eng	Apv Date	Upload / Rtn Date	Comments
Drawing	2009-019-PS-001 rev1.	05/18/12	Piping and Instrumentation Diagram KPE Drawing Index	MT		6/26/2012	CBO & Fire: Reviewed for Reference Only

Title MECH-1-26.0 **CBO-0756** **File No** 015F

Document Type	Dwg No Rev	Rev Date	Description	CCC Eng	Apv Date	Upload / Rtn Date	Comments
Drawing	2009-019-PS-010 rev1	05/18/12	Piping and Instrumentation Diagram Drawing Legend	MT		6/26/2012	CBO & Fire: Reviewed for Reference Only

Title MECH-1-51.0 **CBO-0782** **File No** 015F

Document Type	Dwg No _Rev	Rev Date	Description	CCC Eng	Apv Date	Upload / Rtn Date	Comments
Drawing	2009-019-YP-1150 rev3	06/05/12	Mechanical Undergound Yard Piping	MT	6/21/2012	6/26/2012	CBO & Fire: Approved
Drawing	2009-019-YP-1250 rev2	06/05/12	Mechanical Undergound Yard Piping	MT	6/21/2012	6/26/2012	CBO & Fire: Approved

Title STRUC-1-25.0 **CBO-0793** **File No** 015F

Document Type	Dwg No Rev	Rev Date	Description	CCC Eng	Apv Date	Upload / Rtn Date	Comments
Drawing	2009-019-SF-015 rev4	06/15/12	CTG Foundation Anchor Bolt Schedule	RS	6/18/2012	6/26/2012	CBO & Fire: Approved
Calcs	910A-04 Rev 0 (IFC) Combine		Design of Combustion Turbine Enclosure Anchorage	RS	6/18/2012	6/26/2012	CBO & Fire: Approved

CONTRA COSTA COUNTY
Department of Conservation & Development
Building Inspection Division
651 Pine Street, N. Wing – 3rd Floor
Martinez, CA 94553 1229

MARSH LANDING PROJECT TRANSMITTAL

DATE : June 7, 2012
FROM : Jacqueline Ritchie
RE : Contra Costa County Building Inspection has reviewed the attached listed items for Mirant/Genon Marsh Landing Project - Building Permit #: BIIN11-001018

Total packages included in this Transmittal: 3

Sent for your ☐ **Information** ☒ **Review** ☐ **As Requested**

The following packages have been returned with comments and/or have been approved. Please, see the attached detailed list of documents included with each package.

MECH-1-34.0 (CBO-0764)
CBO: Reviewed for Reference Only
Fire: Approved

MECH-1-36.0 (CBO-0766)
CBO: Reviewed for Reference Only
Fire: Approved

MECH-1-37.0 (CBO-0767)
CBO: Reviewed for Reference Only
Fire: Approved

Deborah Sandercock, S.E.
Supervising Structural Engineer

Marie Taylor
Supervising Building Inspector

Gary Faria
Senior Grading Inspector

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Marsh Landing - CBO Transmittal Report

Title MECH-1-34.0 **CBO-0764** **File No** 015F

Document Type	Dwg No _Rev	Rev Date	Description	CCC Eng	Apv Date	Upload / Rtn Date	Comments
Drawing	2009-019-PS-540 rev1	05/18/12	Piping and Instrumentation Diagram WCF - Water Treatment Chemical Feed	MT		6/26/2012	CBO: Reviewed for Reference Only / Fire: Approved
Drawing	2009-019-PS-541 rev1	05/18/12	Piping and Instrumentation Diagram WCF - Water Treatment Chemical Feed	MT		6/26/2012	CBO: Reviewed for Reference Only / Fire: Approved
Drawing	2009-019-PS-542 rev1	05/18/12	Piping and Instrumentation Diagram WCF - Water Treatment Chemical Feed	MT		6/26/2012	CBO: Reviewed for Reference Only / Fire: Approved
Drawing	2009-019-PS-543 rev1	05/18/12	Piping and Instrumentation Diagram WCF - Water Treatment Chemical Feed	MT		6/26/2012	CBO: Reviewed for Reference Only / Fire: Approved

Title MECH-1-36.0 **CBO-0766** **File No** 015F

Document Type	Dwg No _Rev	Rev Date	Description	CCC Eng	Apv Date	Upload / Rtn Date	Comments
Drawing	2009-019-PS-650 rev1	05/18/12	Piping and Instrumentation Diagram FGS - Fuel Gas	MT		6/26/2012	CBO: Reviewed for Reference Only / Fire: Approved
Drawing	2009-019-PS-651 rev1	05/18/12	Piping and Instrumentation Diagram FGS - Fuel Gas	MT		6/26/2012	CBO: Reviewed for Reference Only / Fire: Approved
Drawing	2009-019-PS-652 rev1	05/18/12	Piping and Instrumentation Diagram FGS - Fuel Gas	MT		6/26/2012	CBO: Reviewed for Reference Only / Fire: Approved
Drawing	2009-019-PS-653 rev1	05/18/12	Piping and Instrumentation Diagram FGS - Fuel Gas	MT		6/26/2012	CBO: Reviewed for Reference Only / Fire: Approved
Drawing	2009-019-PS-654 rev1	05/18/12	Piping and Instrumentation Diagram FGS - Fuel Gas	MT		6/26/2012	CBO: Reviewed for Reference Only / Fire: Approved
Drawing	2009-019-PS-655 rev1	05/18/12	Piping and Instrumentation Diagram FGS - Fuel Gas	MT		6/26/2012	CBO: Reviewed for Reference Only / Fire: Approved

Drawing	2009-019-PS-656 rev1	05/18/12	Piping and Instrumentation Diagram FGS - Fuel Gas	MT		6/26/2012	CBO: Reviewed for Reference Only / Fire: Approved

Title **MECH-1-37.0** **CBO-0767** **File No** **015F**

Document Type	*Dwg No _Rev*	*Rev Date*	*Description*	*CCC Eng*	*Apv Date*	*Upload / Rtn Date*	*Comments*
Drawing	2009-019-PS-780 rev1	05/18/12	Piping and Instrumentation Diagram AQA - Aqueous Ammonia	MT		6/26/2012	CBO: Reviewed for Reference Only / Fire: Approved
Drawing	2009-019-PS-781 rev1	05/18/12	Piping and Instrumentation Diagram AQA - Aqueous Ammonia	MT		6/26/2012	CBO: Reviewed for Reference Only / Fire: Approved

CONTRA COSTA COUNTY
Department of Conservation & Development
Building Inspection Division
651 Pine Street, N. Wing – 3rd Floor
Martinez, CA 94553 1229

MARSH LANDING PROJECT TRANSMITTAL

DATE : June 27, 2012
FROM : Jacqueline Ritchie
RE : Contra Costa County Building Inspection has reviewed the attached listed items for Mirant/Genon Marsh Landing Project - Building Permit #: BIIN11-001018

Total packages included in this Transmittal: 4

Sent for your ☐ **Information** ☒ **Review** ☐ **As Requested**

The following packages have been returned with comments and/or have been approved. Please, see the attached detailed list of documents included with each package.

MECH-1-33.0 (CBO-0763)
CBO: Reviewed for Reference Only
Fire: Approved

STRUC-1-42.5 (CBO-0801)
Approved

STRUC-1-21.1 (CBO-0789)
Returned with Comments

STRUC-1-67.0 (CBO-0798)
Partial Approval with Comments

JRitchie for

Deborah Sandercock, S.E.
Supervising Structural Engineer

Marie Taylor
Supervising Building Inspector

Gary Faria
Senior Grading Inspector

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Marsh Landing - CBO Transmittal Report

Title MECH-1-33.0 **CBO-0763** **File No** 015F

Document Type	Dwg No _Rev	Rev Date	Description	CCC Eng	Apv Date	Upload / Rtn Date	Comments
Drawing	2009-019-PS-740 rev1	05/18/12	Piping and Instrumentation Diagram FPS - Fire Protection	MT		6/27/2012	CBO: Reviewed for Reference Only / Fire: Approved

Title STRUC-1-21.1 **CBO-0789** **File No** 015F

Document Type	Dwg No Rev	Rev Date	Description	CCC Eng	Apv Date	Upload / Rtn Date	Comments
Drawing	106786-5KV REV 04		Master Layout, 5KV 4000A Siemens	AC		6/27/2012	Returned with Comments
Drawing	106786-600V REV 04		Master Layout, 600V 3000A Siemens	AC		6/27/2012	Returned with Comments
Calcs	Support Calcs (106786) REV 0		Support Calculations	AC		6/27/2012	Returned with Comments

Title STRUC-1-42.5 **CBO-0801** **File No** 015F

Document Type	Dwg No _Rev	Rev Date	Description	CCC Eng	Apv Date	Upload / Rtn Date	Comments
Calcs	ACB Equipment Pad Calculati		ACB Equipment Pad Calculations	AC	6/27/2012	6/27/2012	Approved
Calcs	ACB Equipment Pad Plan 1		ACB Equipment Pad Plan	AC	6/27/2012	6/27/2012	Approved

Title STRUC-1-67.0 **CBO-0798** **File No** 015F

Document Type	Dwg No Rev	Rev Date	Description	CCC Eng	Apv Date	Upload / Rtn Date	Comments
Drawing	2009-019-ST-202 rev1	06/21/12	Typical Ladder Sections and Details	RS	6/27/2012	6/27/2012	Approved
Drawing	2009-019-ST-203 rev1	06/21/12	Typical Stair Sections and Details	RS		6/27/2012	Returned with Comments

Drawing	2009-019-ST-204 rev1	06/21/12	Typical Handrail Sections and Details	RS	6/27/2012	6/27/2012	Approved

CONTRA COSTA COUNTY
Department of Conservation & Development
Building Inspection Division
651 Pine Street, N. Wing – 3rd Floor
Martinez, CA 94553 1229

MARSH LANDING PROJECT TRANSMITTAL

DATE : June 29, 2012
FROM : Jacqueline Ritchie
RE : Contra Costa County Building Inspection has reviewed the attached listed items for Mirant/Genon Marsh Landing Project - Building Permit #: BIIN11-001018

Total packages included in this Transmittal: 1

Sent for your ☐ **Information** ☒ **Review** ☐ **As Requested**

The following packages have been returned with comments and/or have been approved. Please, see the attached detailed list of documents included with each package.

MECH-1-22.0 (CBO-0751)
Returned with Comments

Deborah Sandercock, S.E.
Supervising Structural Engineer

Marie Taylor
Supervising Building Inspector

Gary Faria
Senior Grading Inspector

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Marsh Landing - CBO Transmittal Report

Title MECH-1-22.0 **CBO-0751** **File No** 015F

Document Type	Dwg No _Rev	Rev Date	Description	CCC Eng	Apv Date	Upload / Rtn Date	Comments
Drawing	2009-019-MD-210 Rev. 0		Mechanical Standard Cold Pipe Support Details	DS		6/29/2012	Returned with Comments
Drawing	2009-019-MD-211 Rev. 0		Mechanical Standard Cold Pipe Support Details	DS		6/29/2012	Returned with Comments

Subsection 2.05(BIO-4)

As of 6-30-12

Worker Environmental Awareness Program Matrix

Date	June-12	To-Date
6/30/2012	**91**	**827**

Trainer:	Raja Pannah
Date:	6/1/12
Training:	Redco
(For Office Use Only)	WEAP + Env. Indoc

Marsh Landing Generating Station

WORKER ENVIRONMENTAL AWARENESS PROGRAM
WORKER TRAINING ATTENDANCE RECORD

I have attended the Marsh Landing Generating Station Project Worker Environmental Awareness Program Worker Training and understand and agree to comply with all environmental requirements presented. I understand that I am accountable for my actions and that failure to comply with the requirements may be grounds for immediate removal from the project and/or legal action.

	Signature	Print Name	Company	Date
1.	Ray Trujillo	Ray TRUJILLO	KEWIT	6-1-12
2.	Mike Moyer	MIKE MOYER	KEIWIT	6-1-12
3.	Gene Smith	GENE SMITH	KEIWIT	6-1-12
4.	Taylor Bustos	Taylor Bustos	Keiwit	6-1-12
5.	Chris King	Chris King	Keiwit	6-1-12
6.	Shawn Ream	SHAWN REAM	KEIWIT	6-1-12
7.	Addis F Watson	Addis F. Watson	Keiwit	6-1-12
8.	Sammy Razo	Sammy Razo	Keiwit	6-1-12
9.	Sean Maloney	Sean Maloney	Keiwit	6/1/12
10.	Chris Neff	Chris Neff	Newtron	6/1/12
11.	Marvin Hughes	MARVIN HUGHES	NEWTRON	6/1/12
12.	Rob Scott	ROB SCOTT	NEWTRON	6/1/12
13.	Dave A Madden	DAVE A MADDEN	KEIWIT	6-1-12
14.	Jose A. Quiroz	JOSE A. QUIROZ	MGM	6-1-12
15.	Esteban Vazquez	Esteban Vazquez	MGM	6-1-12
16.	Juan Tapia	Juan Tapia	MGM	6-1-12
17.	Rogelio Tovar	Rogelio Tovar	MGM	6-1-12
18.	Danijel Travancic	DANIJEL TRAVANCIC	Best	6-1-12
19.	Jeremiah Meisenbach	JERIMIAH MEISENBACH	BEST	6-1-12
20.	Robbie Thigpen	Robbie Thigpen	BEST	6-1-12

(20)

Trainer:	Raja Duncan
Date:	6/1/12
Training:	Vedco
(For Office Use Only)	WEAP + Env. Indoc.

Marsh Landing Generating Station

WORKER ENVIRONMENTAL AWARENESS PROGRAM
WORKER TRAINING ATTENDANCE RECORD

I have attended the Marsh Landing Generating Station Project **Worker Environmental Awareness Program Worker Training** and understand and agree to comply with all environmental requirements presented. I understand that I am accountable for my actions and that failure to comply with the requirements may be grounds for immediate removal from the project and/or legal action.

	Signature	Print Name	Company/Date	
1.	[illegible]	Ignacio Ceja	Kenwat	6/1/12
2.	[illegible]	Lorylee S Duncan	Kenwat	6/1/12
3.				
4.				
5.				
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20.				

(2)

Trainer:	Raja Pannick
Date:	6/8/12
Training:	WEAP + Env. Indoc

(For Office Use Only)

Marsh Landing Generating Station

WORKER ENVIRONMENTAL AWARENESS PROGRAM
WORKER TRAINING ATTENDANCE RECORD

I have attended the Marsh Landing Generating Station Project Worker Environmental Awareness Program Worker Training and understand and agree to comply with all environmental requirements presented. I understand that I am accountable for my actions and that failure to comply with the requirements may be grounds for immediate removal from the project and/or legal action.

	Signature	Print Name	Company	Date
1.	David Dewey	David Dewey	Kiewit	6-8-12
2.	[illegible]	DAVID FRATTAROLI	KIEWIT	6-8-12
3.	[illegible]	JESSICA CARIGLIO	Kiewit	6-8-12
4.	[illegible]	Sam Barnachia	KIEWIT	6-8-12
5.	[illegible]	Chris King	Kiewitt	6-8-12
6.	[illegible]	JONATHAN MUSGRAVE	KIEWITT	6-8-12
7.	[illegible]	ARMAN RODGERS	KIEWIT	6-8-12
8.	[illegible]	MATTHEW LINGO	KIEWIT	6-8-12
9.	[illegible]	CHON D. KIM	Kiewit	6-8-12
10.	[illegible]	Kenny Buntjer	Kiewit	6-8-12
11.	[illegible]	BRIAN COE	National Con.	6-8-12
12.	[illegible]	JASON McGEE	Kiewit	6/8/2012
13.	[illegible]	Ray Isle	NCC	6-8-12
14.	[illegible]	JAMES KRAFT	KIEWIT	6-8-12
15.	[illegible]	Rory Klemm	KIEWITT	6/8/12
16.	[illegible]	LOURENZO TORRES	Kiewitt	6-8-12
17.	[illegible]	ANDY ODAY	NCC	6/8/12
18.	[illegible]	CARLOS HERNANDEZ	Kiewit	6/8/12
19.	Tyler Clime	Tyler Clime	Kiewit	06/08/12
20.	[illegible]	ROBERT T. MELVILLE	KIEWIT	6-8-12

20

Trainer:	Ryan Donniak
Date:	6/8/12
Training:	Welco
(For Office Use Only)	WEAP + Rev. Indoc.

Marsh Landing Generating Station

WORKER ENVIRONMENTAL AWARENESS PROGRAM
WORKER TRAINING ATTENDANCE RECORD

I have attended the Marsh Landing Generating Station Project **Worker Environmental Awareness Program Worker Training** and understand and agree to comply with all environmental requirements presented. I understand that I am accountable for my actions and that failure to comply with the requirements may be grounds for immediate removal from the project and/or legal action.

	Signature	Print Name	Company/Date	
1.	[illegible]	Renee A. Moreno	Kiewit	6.8.12
2.	[illegible]	John Malcolm Jr	Kiewit	6-8-12
3.	Bill Gaunt	Bill Gaunt	Kiewit	6-8-12
4.	Mario Rivera	Santos M. Rivera	Kiewit	6-8-12
5.	Susan Earp	Susan Earp	Kiewit	6/8/12
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Trainer:	Raja Ponniah
Date:	6/14/12
Training:	Vedro

(For Office Use Only)

Marsh Landing Generating Station

WORKER ENVIRONMENTAL AWARENESS PROGRAM
WORKER TRAINING ATTENDANCE RECORD

I have attended the Marsh Landing Generating Station Project Worker Environmental Awareness Program Worker Training and understand and agree to comply with all environmental requirements presented. I understand that I am accountable for my actions and that failure to comply with the requirements may be grounds for immediate removal from the project and/or legal action.

	Signature	Print Name	Company	Date
1.	Francisco J Amador	F J Al	Kiewit	6/14/12
2.	ERIC STURGIS		KIEWIT	6-14-12
3.	MARTIN TABOR	Martin Tabor	KIEWIT	6-14-12
4.	STEVE LAWRENZ			
5.		STEVE LAWRENZ	KIEWIT	6/14/12
6.	Dallas Hamilton Sr.	DALLAS Hamilton Sr.	Kiewit	6-14-12
7.	Robert Stewart	Robert Stewart	Kiewit	6-14-12
8.	Dillon Partain	DILLON Partain	KIEWIT	6.14.12
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Marsh Landing Generating Station

WORKER ENVIRONMENTAL AWARENESS PROGRAM
WORKER TRAINING ATTENDANCE RECORD

Trainer: Raja Ponniah
Date: 6/15/12
Training: Medio
(For Office Use Only)
WEAP + BMV. Indoc

I have attended the Marsh Landing Generating Station Project **Worker Environmental Awareness Program Worker Training** and understand and agree to comply with all environmental requirements presented. I understand that I am accountable for my actions and that failure to comply with the requirements may be grounds for immediate removal from the project and/or legal action.

	Signature	Print Name	Company	Date
1.		SCOTT R. MORRISON	Kiewit	6-15-2012
2.		LEONARD DAVIS	KIEWIT	6-15-12
3.		Aaron Felten	National Conductor	6-15-12
4.		James Beadler	Kiewit	6-15-12
5.		MIKE FOGELSONG	KIEWIT	6-15-12
6.		Justin Howerman	Kiewit	6-15-12
7.		Sean Hunter	Kiewit	6-15-12
8.		Owen Dougherty	Kiewit	6-15-12
9.		Lanny W. ESTES	KIEWIT	6/15/12
10.		Ryan Ousada	Kiewit	6-15-12
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(10)

Trainer:	Raya Ronniah
Date:	6/21/12
Training:	Veeco
(For Office Use Only)	WEAP + Env. Indu

Marsh Landing Generating Station

WORKER ENVIRONMENTAL AWARENESS PROGRAM
WORKER TRAINING ATTENDANCE RECORD

I have attended the Marsh Landing Generating Station Project **Worker Environmental Awareness Program Worker Training** and understand and agree to comply with all environmental requirements presented. I understand that I am accountable for my actions and that failure to comply with the requirements may be grounds for immediate removal from the project and/or legal action.

	Signature	Print Name	Company	Date
1.		William Greely	Kiewit	6-21-12
2.		Zack Smith	TTR	6-21-12
3.		BRANDON NAL	TTR	6-21-12
4.		Scott Gordon	TCI	6/21/12
5.		Gordon Montgomery	TCE	6-21-12
6.		Carlos Gómez	TCI	6/21/12
7.		MONTE M. PARDO	NEWTRON	06.21.2012
8.		Christopher Dean	TLS	6/21/12
9.		Lowell Davis	TLS	6/21/12
10.		David Hilliard	TLS	6-21-12
11.		Brian Phillips	TLS	6/21/12
12.		Tirzah Vernon	Kiewit	6/21/12
13.		BRADY BLAKELEY	TTR	6/21/12
14.		Keith Norris	Newtron	6/21/12
15.		CESAR ORTIZ	NEWTRON	6-21-12
16.		CHARLIE COON	NEWTRON	6-21-12
17.		Jim ANGLIN	NEWTRON	6-21-12
18.		Gerardo Barraza	MGM	6-21/12
19.		Alfonso Torres	MGM	6-21-12
20.	Stephen Stout	Stephen Stout	Kiewit	6/21/12
	Fredy A. Barreto	Fredy A. Barreto	MGM	6/21/12

Marsh Landing Generating Station

WORKER ENVIRONMENTAL AWARENESS PROGRAM
WORKER TRAINING ATTENDANCE RECORD

Trainer: Raja Ponnath
Date: 6/29/12
Training: Video
(For Office Use Only)
WEAP + Env Indoc

I have attended the Marsh Landing Generating Station Project **Worker Environmental Awareness Program Worker Training** and understand and agree to comply with all environmental requirements presented. I understand that I am accountable for my actions and that failure to comply with the requirements may be grounds for immediate removal from the project and/or legal action.

	Signature	Print Name	Company/Date	
1.		José Mora		6/29/2012
2.		John Linares		6-29-12
3.		Jason Page		6/29/12
4.		Robert Lane		6-29-12
5.		Mitch Rivera		6-29-12
6.		Jim Gillies	CEI	6/29/12
7.		Matthew Cargo	CEI	6/29/12
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7

Paleontological Resources Report Subsection 2.24
Marsh Landing Generating Station (08-AFC-3C)

June 2012

July 10, 2012

Christine Stora
Compliance Project Manager
California Energy Commission
1516 Ninth Street, MS-2000
Sacramento, CA 95814-5512

RE: Marsh Landing Generating Station (08-AFC-3C) Monthly Monitoring Summary Report, Paleontological Resources

Dear Ms. Stora:

This letter report summarizes the paleontological resources monitoring activities which took place at the Marsh Landing Generating Station (MLGS) construction site in June 2012.

Project Description

The proposed MLGS site is located in unincorporated Contra Costa County, California, approximately one-tenth of a mile from the current City of Antioch limits and just west of State Route (SR) 160. Surrounding land uses include the existing Contra Costa Power Plant (CCPP) to the north, east and south, the Pacific Gas and Electric (PG&E) electrical switchyard to the south, the PG&E Gateway Generating Station to the east, a large vacant lot that was previously used for industrial (paper making) purposes to the west, and the San Joaquin River to the north.

The MLGS site will occupy approximately 27 acres on the western portion of the CCPP site formerly occupied by five #6 fuel oil tanks and an area to the east of the former tank farm. The proposed MLGS site, construction laydown areas, and project linear routes are mostly contained within the existing CCPP property and are highly disturbed or developed due to ongoing CCPP operations, recently completed demolition of five fuel oil tanks on the site, and construction of the Gateway Generating Station. The project includes a new wastewater pipeline to convey process and sanitary wastewater to the City of Antioch's sewer main on Wilbur Avenue. The majority of the MLGS site is composed of paved, graveled, or bare ground surfaces with very sparse ruderal and ornamental vegetation.

Paleontological Resources Monitoring

In accordance with Condition of Certification (COC) PAL-5 to ensure that there are no impacts to undiscovered resources, the Paleontological Resources Specialist (PRS) or Paleontological Resources Monitors (PRMs) will monitor all construction-related grading, excavation, trenching, and augering in areas where potential fossil-bearing materials have been identified.

Full-time paleontological monitoring requires at least one monitor per excavation area where earthmoving equipment is actively removing native soils. If an excavation area is too large for one monitor to effectively observe the soil removal, one or more additional monitors are retained to observe the area.

In the event that the PRS determines that the current level of monitoring is not appropriate in certain locations, the CEC's Compliance Project Manager (CPM) shall be notified by letter or e-mail detailing the justification for the change in the level of monitoring. This request will be reviewed and must be approved by the CPM prior to any change in monitoring level.

Paleontological resources monitoring activities are the responsibility of the PRS. Any interference with monitoring activities, removal of a monitor from duties assigned by the PRS, or direction to a monitor to relocate monitoring activities by anyone other than the PRS shall be considered non-compliance with the COCs.

Monitoring Activities

Paleontological resources monitors monitored all augering, trenching and excavation of previously undisturbed sediments at Marsh Landing, and processing of sediment samples for microvertebrate fossils continued. Monitoring took place intermittently during June 2012. In addition to monitoring ground disturbing activities, the PRMs periodically surveyed recently disturbed soils throughout the project site.

Spot-checking and searching monopole 8 concentrate occurred on June 1, 2012. Monitoring of augering for monopole 1R occurred on June 4 and 5, 2012. A partial shell was found during this effort on June 5 2012, but has since been determined to have come from imported sediments. Monitoring of augering for monopole 6R occurred on June 5 and 6, 2012. Monitoring of monopole 6L augering took place on June 5, 2012. The grounding tie-in for monopole 8 and the fire ring trench were monitored on June 5, 2012. Monitoring of the fire ring bell hole occurred on June 6 and 7, 2012. Monitoring of excavations for the fire tie-14 took place on June 6, 2012. On June 7, 2012, excavations for a trench north of the oil/water separator were monitored and a 5 gallon bucket of sediments from monopole 6L was washed onsite. Offsite sediment processing occurred on June 8 and 28, 2012 with one bone found on June 8, 2012 and two partial shells recovered on June 28, 2012. Also on June 8, 2012, excavations for power block 4 were monitored. On June 13, 2012, the trench south of duct bank M, block 4, and excavations for monopole 7L to the warehouse were monitored. Trenching for grounding cables and fire line were monitored on June 15, 2012. Onsite sediment processing and entire site walk-throughs occurred on June 18 and 27, 2012. A possible millipede, which may be modern, was recovered on June 18, 2012.

Activities and observations are summarized in Table 1 below, and Daily Monitoring Logs are attached to this letter report.

Table 1. Summary of Paleontological Resources Monitoring Activities, June 2012

Date	Monitors	Activities/Observations	Discoveries
6.01.2012	Annette Cornelius	Spot checking/Searched Monopole 8 concentrate	One unknown
6.04.2012	Annette Cornelius	Monitored Monopole augering 1R	None
6.05.2012	Annette Cornelius	Monitored Monopole augering 1R, 6R, 6L/ Grounding Tie-In for Monopole 8/Fire Ring Trench	Partial Shell (Determined to be from non-native sediments)
6.06.2012	Annette Cornelius	Monitored Monopole augering 6R/Southwest of Firehouse Bellhole/Fire tie-14	None
6.07.2012	Annette Cornelius	Monitored Fire Ring Bellhole (Northern) /Trench north of Oil/Water Separator/Washed a 5 gallon bucket of sediments from 6L	None

6.08.2012	Annette Cornelius	Offsite sediment sorting	One bone
6.08.2012	Richard Serrano	South end of Power Block 4/N E of Power Block 4	None
6.13.2012	Annette Cornelius	Monitored trench south of Duct Bank M/Block 4/Monopole 7L to warehouse	None
6.15.2012	Richard Serrano	Trenching for Grounding Cables and Fireline	None
6.18.2012	Annette Cornelius	Entire site walk through with paleontological resource specialist/onsite screenwashing sediments	Possible millipede (maybe modern)
6.27.2012	Annette Cornelius`	Spotchecking entire project for unreported excavations/Sediment screening	None
6.28.2012	Annette Cornelius	Offsite screening of sediments	Two partial shells

Conditions/LORS Compliance

No instances of non-compliance with the Conditions of Certification or applicable LORS were recorded.

Summary and Conclusions

Paleontological resources monitoring took place during June 2012. One monitor was onsite per day on June 1, 4, 5, 6, 7, 8, 13, 15, 18, 27, and 28, 2012. All ground disturbing activities in previously undisturbed sediments throughout the MLGS project area were monitored. Possible paleontological resources were discovered on five days. Monitoring is ongoing, but has become intermittent, as excavations into native sediments are becoming less frequent. Spot checks occurred on June 1, 18 and 27, 2012. No excavation into previously undisturbed soils was observed during the spot checks. Monitoring will continue during trenching and excavation. The planned processing of sediment samples is nearly complete and will continue as necessary and possible.

Sincerely,

Joe Stewart
Paleontological Resources Specialist, Marsh Landing Generating Station

Attachments: Monitoring Logs

cc: David Frandsen, GenOn
Nick Hontuchan, GenOn
Anne Connell, URS

Attachment A

Daily Paleontological Resources Monitoring Logs
June 2012
Marsh Landing Generating Station

URS DAILY ARCHAEO/PALEO FIELD SUMMARY

Project Name: Marsh Landing

Project Number: 28067850

Project Location: Marsh Landing

County: Contra Costa

Date: 1 June 2012

Page: 1 of 1

Monitor: Annette Cornelius

Total Hrs: 8 **Total Mi:** 160

Project areas monitored: spot checking, searched monopole #8

Time in: 7:45 am

Time out: 4:45 pm

Fossils: one unkn. concentrate

Stratigraphy: (turbidites / bioturbation / channels / beds / laminations / massive / contacts / faults

sand dune deposit

Lithology: ***Grain size:*** (F / M / C) ***Color:*** _____ ***Texture:*** _____ ***Sorting:*** Ø

Sed: (mud/s silt/s sand/s lime/s shale conglomerate breccia concretions) Weathering: fissile / indurate /

Mineralization: caliche / siliceous / paleosol / alluvium / lag deposits / Ø

Site conditions & personnel: (non-compliance / hazards / weather / safety concerns / visitors)

Ø

Excavation conditions: (status / equipment / cuts / access) Ø

Other Observations & Comments:

Field Number: _____ **Field ID:** _____ **Datum: NAD 27 CONUS**

Condition: (poor / fair / good / excellent / damaged / partial / whole)

Approx. age:

Soils:

Location: (pads / cuts /landmarks)

Fate of Locality: (accessible / buried / graded away)

Coordinates:UTM: _____ **E/** _____ **N// Lat. N** _____ **Long. W** _____ **Elev.** ____

Number of specimens / paperbags / boxes / samples / bags of matrix: _____

URS DAILY ARCHAEO/PALEO FIELD SUMMARY

Project Name: Marsh Landing

Project Number: 28067850

Project Location: Marsh Landing

County: Contra Costa

Date: 4 June 2012

Page: 1 of 1

Monitor: Annette Cornelius

Total Hrs: 7.5 **Total Mi:** 160

Project areas monitored: monopole auguring 1R

Time in: 7:00 am

Time out: 3:00 pm

Fossils: none observed

Stratigraphy: (turbidites / bioturbation / channels / beds / laminations / massive / contacts / faults

sand dune deposit

native @ 24 ft below ground surface brown silty sand with silty/clay lenses (light brown-brown) with dark brown/dk gray sand lenses

26-31 ft = med to med coarse gray/brown med-well sorted sand sub angular to rounded pebbles 2-5% quartz pebbles. w/ 5% mica

Lithology: ***Grain size:*** (F / M / C) ***Color:*** light brown to brown/gray ***Texture:*** ***Sorting:*** poor to well

Sed: (mud/s silt/s sand/s lime/s shale conglomerate breccia concretions) Weathering: fissile / indurate / none

Mineralization: caliche / siliceous / paleosol / alluvium / lag deposits / none

Site conditions & personnel: (non-compliance / hazards / weather / safety concerns / visitors)

possible rain

Excavation conditions: (status / equipment / cuts / access) 1R - slurry 0-28 ft below ground surface native 24-32 ft bgs

Other Observations & Comments:

Collected sample @ 26 and 29 ft bgs combined in one 5-gal bucket

" @ 31 ft bgs in one 5-gal bucket

Field Number: **Field ID:** **Datum: NAD 27 CONUS**

Condition: (poor / fair / good / excellent / damaged / partial / whole) **Approx. age:**

Soils:

Location: (pads / cuts /landmarks)

Fate of Locality: (accessible / buried / graded away)

Coordinates:UTM: E/ N// Lat. N Long. W Elev.

Number of specimens / paperbags / boxes / samples / bags of matrix:

URS DAILY ARCHAEO/PALEO FIELD SUMMARY

Project Name: Marsh Landing

Project Number: 28067850

Project Location: Marsh Landing

County: Contra Costa

Date: 5 June 2012

Page: 1 of 1

Monitor: Annette Loraelos

Total Hrs: 8 Total Mi: 160

Project areas monitored: monopole augering 1R; 6R; 6L; ~~sewer line in~~ fire ring tie in grounding tie in trench

Time in: 6:50 AM

Time out: 3:30 PM

Fossils: partial shell - 1R monopole unknown if imported for back fill from sand slurry or in situ - determined shell to be imported see 7 June 2012 NOTE:
6L - one 5-gal bucket sample @ 26.5 ft below ground surface
" " @ 32 ft " } both in same layer

Stratigraphy: (turbidites / bioturbation / channels / beds / laminations / massive / contacts / faults

Sand dune deposit 1R - 26-32 ft bgs native brown/gray coarse sand w/ mica and quartz pebbles
6L - Sandy silt/silty sand yellow/orange-brown fine well sorted 0-24 ft below ground surface
dense @ 13 ft of gray med grained well sorted sand, 24 - ~~32~~ 25.5 ft med grained w/ mica and small quartz pebbles gray/brown, 25.5 - 32 ft bgs - coarse grained gray/brown w/ red/orange brown/black pebbles (sub rounded) (sub angular/rounded) * NOTE: (on page 2 for casing elev = exact elevation)
6R - Sandy silt/silty sand yellow/orange-brown fine grained well sorted [@ 8 ft bgs hit old fire line]

Lithology: *Grain size:* (F / M / C) *Color:* _____ *Texture:* _____ *Sorting:* _____

Sed: (mud/s silt/s sand/s lime/s shale conglomerate breccia concretions) Weathering: fissile / indurate / none

Mineralization: caliche / siliceous / paleosol / alluvium / lag deposits / none

Site conditions & personnel: (non-compliance / hazards / weather / safety concerns / visitors)

Excavation conditions: (status / equipment / cuts / access) finish/clean out 1R; 6R to 10 ft bgs to set casing (w/ 10 ft auger)
6L finish 10 ft - TD 32 ft bgs → 8 ft auger bit for

Other Observations & Comments:
grounding tie in trench between switch yard and warehouse building - bottom 1 ft to East to 7 ft below. and 2 ft to west in native (sandy silt/silty sand yellow/orange-brown fine grained well sorted)
fire ring ~~sewer~~ tie in ~~south~~ south west of fire pump house -

Field Number: ~~MEL 0505~~ MEL 0506 12 Field ID: 01 Datum: NAD 27 CONUS

Condition: (poor / fair / good / excellent / damaged / partial / whole)

Approx. age: shell

Soils: gray/brown coarse sand w/ quartz pebbles

Location: (pads / cuts /landmarks)

Fate of Locality: (accessible / buried / graded away) monopole concrete pile

Coordinates: UTM: _____ E/ _____ N// Lat. N _____ Long. W _____ Elev. -12 to -18 (26 - 32 ft ~~bgs~~ below top of casing [14.8])

Number of specimens / paperbags / boxes / samples / bags of matrix:

N 5605.18 E 3995.84

2 two 5-gal buckets collected ~~to be processed~~

URS DAILY ARCHAEO/PALEO FIELD SUMMARY

Project Name: Marsh Landing

Project Number: 28067850

Project Location: Marsh Landing

County: Contra Costa

Date: 5 June 2012

Page: 2 of 2

Monitor: Annette

Total Hrs: — Total Mi: —

Project areas monitored: grounding ~~[illegible]~~ tie-in for monopole #8

Time in: —

Time out: —

Fossils: two partial shells - not found in situ

Stratigraphy: (turbidites / bioturbation / channels / beds / laminations / massive / contacts / faults

(See pg 1)

Lithology: *Grain size:* (F / M / C) *Color:* _____ *Texture:* _____ *Sorting:* _____

Sed: (mud/s silt/s sand/s lime/s shale conglomerate breccia concretions) Weathering: fissile / indurate /

Mineralization: caliche / siliceous / paleosol / alluvium / lag deposits / _____

Site conditions & personnel: (non-compliance / hazards / weather / safety concerns / visitors)

Ø

Excavation conditions: (status / equipment / cuts / access)

(See page 1)

Other Observations & Comments:

shells found on surface (in fill) at the west end of the trench where the project increases in elevation

*NOTE: casing elevation for 6L = 14.8/14.9 ft elevation

Field Number: AEL050612 Field ID: 02 Datum: NAD 27 CONUS

Condition: (poor / fair / good / excellent / damaged / partial / whole)

Approx. age:

Soils:

Location: (pads / cuts /landmarks) grounding tie in for monopole #8

Fate of Locality: (accessible / buried / graded away)

Coordinates: UTM: _____ E/ _____ N// Lat. N _____ Long. W _____ Elev. 211 ft

Number of specimens / paperbags / boxes / samples / bags of matrix: 1

URS DAILY ARCHAEO/PALEO FIELD SUMMARY

Project Name: Marsh Landing

Project Number: 28067850

Project Location: Marsh Landing

County: Contra Costa

Date: 6 June 2012

Page: 1 **of** 2

Monitor: Annette Cornelius

Total Hrs: 8 **Total Mi:** 160

Project areas monitored: monopole auguring 6R; SW of fire pump house

Time in: 6:55 AM

Time out: 3:30

Fossils: none observed

bell hole fire ring tie-in ~~trenching (sewer line)~~ X2 (see excavation conditions)

Stratigraphy: (turbidites / bioturbation / channels / beds / laminations / massive / contacts / faults

(24.8 elev top of casing) ~~6~~ 6R 10 ft bgs - sandy silt/silty sand, yellow/orange-brown, fine grained, well sorted; @ 14 ft bgs slight increase in grain size, mica content and darker (w/ more brown/gray); @ 22 ft bgs lighter brown/gray increase clay content no pebbles; @ 24.8 ft bgs increase in grain size and ~~dark~~ gray; @ 25/26 ft bgs increase to typical/final coarse grain w/ quartz ~~black~~ pebbles; @ 28.5 ft bgs ~~sub~~ grain coarser brown grained sand w/ sub-rounded pebbles white/~~black~~ black brown/orange in color; @ 29 ft bgs red sand inclusions/modling @ 31 ft bgs increase in red modling with light clay and brown sand lenses

Lithology: ***Grain size:*** (F / M / C) ***Color:*** ***Texture:*** ***Sorting:***

Sed: (mud/s silt/s sand/s lime/s shale conglomerate breccia concretions) **Weathering:** fissile / indurate /

Mineralization: caliche / siliceous / paleosol / alluvium / lag deposits / none

~~**Site conditions & personnel:** (non-compliance / hazards / weather / safety concerns / visitors)~~

6R Sample @ 29 ft bgs and 31/32 ft bgs

Excavation conditions: (status / equipment / cuts / access) 6R - 8 ft auger bit to 32 ft below ground surface - top of casing 14.8; ~~to 4 ft~~ to 4.8 ft elev. (southwest of fire pump house)

Other Observations & Comments: fire ring line tie-in

second bell hole fire ring tie-in (south of stormwater hole) - not completed

*Per Paul #4 backfill from on-site material not imported (from 5 June)

* speak to Jacob Rein RE: sand slurry for IR to identify if shells were imported or in situ

Field Number: **Field ID:** **Datum: NAD 27 CONUS**

Condition: (poor / fair / good / excellent / damaged / partial / whole) **Approx. age:**

Soils:

Location: (pads / cuts /landmarks)

Fate of Locality: (accessible / buried / graded away)

Coordinates:UTM: E/ N// Lat. N Long. W Elev.

Number of specimens / paperbags / boxes / samples / bags of matrix:

URS DAILY ARCHAEO/PALEO FIELD SUMMARY

Project Name: Marsh Landing

Project Number: 28067850

Project Location: Marsh Landing

County: Contra Costa

Date: 6 June 2012

Page: 1 of 1

Monitor: Annette Cornelius

Total Hrs: 8 **Total Mi:** 160

Project areas monitored: existing fire ring bell hole (SW of fire pump house) and south of stormwater box

Time in: 6:55 AM

Time out: 3:30 pm

Fossils: none

Stratigraphy: (turbidites / bioturbation / channels / beds / laminations / massive / contacts / faults

Southern bell hole - red clay conglomerate @ 10 ft elev.
9 ft elev to bottom (5.5 to 4.8 elev) fill and native sandy silt/silty sand fine grained well sorted yellow/orange-brown to dk brown.

Lithology: ***Grain size:*** (F) / M / C) ***Color:*** _____ ***Texture:*** _____ ***Sorting:*** _____

Sed: (mud/s silt/s sand/s lime/s shale conglomerate breccia concretions) Weathering: fissile / indurate / none

Mineralization: caliche / siliceous / paleosol / alluvium / lag deposits / none

Site conditions & personnel: (non-compliance / hazards / weather / safety concerns / visitors)

Excavation conditions: (status / equipment / cuts / access) Southern bell hole (SW of fire pumphouse) to 5.5 and 4.8 ft elevation; northern bell hole (south of stormwater box)

Other Observations & Comments: not finished

Field Number: _____ **Field ID:** _____ **Datum: NAD 27 CONUS** _____

Condition: (poor / fair / good / excellent / damaged / partial / whole) _____

Approx. age: _____

Soils: _____

Location: (pads / cuts /landmarks) _____

Fate of Locality: (accessible / buried / graded away) _____

Coordinates:UTM: _____ **E/** _____ **N// Lat. N** _____ **Long. W** _____ **Elev.** ____

Number of specimens / paperbags / boxes / samples / bags of matrix: _____

URS DAILY ARCHAEO/PALEO FIELD SUMMARY

Project Name: Marsh Landing

Project Number: 28067850

Project Location: Marsh Landing

County: Contra Costa

Date: 7 June 2012

Page: 1 of 1

Monitor: Annette Cornelius

Total Hrs: 8 **Total Mi:** 160

Project areas monitored: fire ring bell hole (northern) south of storm water hole and ~~to~~ trench north of oil/water separator

Time in: 6:45 Am

Time out: 3:30

Fossils: none observed

Stratigraphy: (turbidites / bioturbation / channels / beds / laminations / massive / contacts / faults

fire ring bell hole (northern) sandy silt/silty sand fine grained, well sorted dark brown to yellow/orange-brown
(N wall fill down to 8 ft elev.)

Lithology: ***Grain size:*** (F / M / C) ***Color:*** ***Texture:*** ***Sorting:***
Sed: (mud/s silt/s sand/s lime/s shale conglomerate breccia concretions) Weathering: fissile / indurate / none
Mineralization: caliche / siliceous / paleosol / alluvium / lag deposits / none

Site conditions & personnel: (non-compliance / hazards / weather / safety concerns / visitors)
NOTE: washed one 5-gal bucket/sample from GL.

Excavation conditions: (status / equipment / cuts / access) fire ring bell hole to 6.45 ft elev.; oil water separator North trench to 9.6 ft elev.

Other Observations & Comments:
Central Supply - Frank, 925-525-9548 (925-244-6560)
the sand slurry dredged by Leighs Hanson from the Delta or Bay (Angel Island)
(used in IR = 5 km shell not native fossils)

Field Number: **Field ID:** **Datum: NAD 27 CONUS**
Condition: (poor / fair / good / excellent / damaged / partial / whole) **Approx. age:**
Soils:
Location: (pads / cuts /landmarks)
Fate of Locality: (accessible / buried / graded away)
Coordinates:UTM: E/ N// Lat. N Long. W Elev.
Number of specimens / paperbags / boxes / samples / bags of matrix:

URS DAILY ARCHAEO/PALEO FIELD SUMMARY

Project Name: Marsh Landing

Project Number: 28067850

Project Location: Marsh Landing

County: Contra Costa

Date: 8 June 2012

Page: 1 of 1

Monitor: Annette Cornelius

Total Hrs: 7 **Total Mi:** Ø

Project areas monitored: ~~See~~ NOT AT MLGS searched through sample concentrate

Time in: 8:00

Time out: 3:30

Fossils: bone found in SF75C16

Stratigraphy: (turbidites / bioturbation / channels / beds / laminations / massive / contacts / faults

Lithology: ***Grain size:*** (F / M / C) ***Color:*** ***Texture:*** ***Sorting:***
Sed: (mud/s silt/s sand/s lime/s shale conglomerate breccia concretions) Weathering: fissile / indurate /
Mineralization: caliche / siliceous / paleosol / alluvium / lag deposits /

Site conditions & personnel: (non-compliance / hazards / weather / safety concerns / visitors)

Ø

Excavation conditions: (status / equipment / cuts / access) Ø

Other Observations & Comments:

SF75 Bilg, SF75C16 ; monopole #8

Field Number: **Field ID:** **Datum: NAD 27 CONUS**

Condition: (poor / fair / good / excellent / damaged / partial / whole)

Approx. age:

Soils:

Location: (pads / cuts /landmarks)

Fate of Locality: (accessible / buried / graded away)

Coordinates:UTM: **E/** **N// Lat. N** **Long. W** **Elev.**

Number of specimens / paperbags / boxes / samples / bags of matrix:

URS DAILY ARCHAEO/PALEO FIELD SUMMARY

Project Name: Marsh Landing

Project Number: 28067850

Project Location: Marsh Landing

County: Contra Costa

Date: 8-Jun-12

Page: 1 of 1

Monitor: Richard Serrano

Total Hrs: 8.5 **Total Mi:** 257

Project areas monitored:

South end of Power Block 4 / N - E of Power Block 4

Time in: 6:46 AM

Time out: 4:00 PM

Fossils: No fossil discoveries were made today.

Stratigraphy: (turbidites / bioturbation / channels / beds / laminations / massive / contacts / faults

No changes to sediments from that of those previously recorded for this depth of excavation.

Lithology: ***Grain size:*** (F / M / C) ***Color:*** _____ ***Texture:*** _____ ***Sorting:*** _____

Sed: (mud/s silt/s sand/s lime/s shale conglomerate breccia concretions) Weathering: fissile / indurate /

Mineralization: caliche / siliceous / paleosol / alluvium / lag deposits / _____

Site conditions & personnel: (non-compliance / hazards / weather / safety concerns / visitors)

Sunny, Clear, windy and cool.

There were no safety concerns today.

Excavation conditions: (status / equipment / cuts / access) Access was safe and good.

Excavations were done using a CAT 328 B excavator. Drilling was done with a Delmag drill rig.

Other Observations & Comments:

Monitor excavtion for fire line tie in. Excavation was to 4.5 ft. and native sediments were impacted.

Monitor drilling for mono pole 7R, but only below -15 ft. As above this was back fill and slurry added

after contaminated soil clean up. Two 5 gal. buckets were collected from - 32 ft.

Field Number: _____ **Field ID:** _____ **Datum: NAD 27 CONUS**_____

Condition: (poor / fair / good / excellent / damaged / partial / whole) _____

_____ **Approx. age:** _____

Soils: _____

Location: (pads / cuts /landmarks) _____

Fate of Locality: (accessible / buried / graded away) _____

Coordinates:UTM:_____**E/**_____**N// Lat. N**_____**Long. W**_____**Elev.**____

Number of specimens / paperbags / boxes / samples / bags of matrix:_____

URS DAILY ARCHAEO/PALEO FIELD SUMMARY

Project Name: Marsh Landing

Project Number: 28067850

Project Location: Marsh Landing

County: Contra Costa

Date: 13 June 2012

Page: 1 of 1

Monitor: Annette Cornelius

Total Hrs: 7.75 **Total Mi:** 160

Project areas monitored: trench south of duckbank in/Block 4/around manhole PG&E extending to Warehouse

Time in: 7:00 am

Time out: 3:15 pm

Fossils: none observed

Stratigraphy: (turbidites / bioturbation / channels / beds / laminations / massive / contacts / faults

sand dune deposit

native material encountered 10 ft east of western start of trench, and 314 ft east of transite pipe.

Lithology: *Grain size:* (F / M / C) *Color:* _____ *Texture:* _____ *Sorting:* moderate

Sed: (mud/s silt/s sand/s lime/s shale conglomerate breccia concretions) Weathering: fissile / indurate / none

Mineralization: caliche / siliceous / paleosol / alluvium / lag deposits / none

Site conditions & personnel: (non-compliance / hazards / weather / safety concerns / visitors)

warm

Excavation conditions: (status / equipment / cuts / access) to 6.3 ft elev. duckbank to the west end and transite pipe at the east end of excavations encountered

Other Observations & Comments:

Field Number: _____ **Field ID:** _____ **Datum: NAD 27 CONUS**

Condition: (poor / fair / good / excellent / damaged / partial / whole)

Approx. age:

Soils:

Location: (pads / cuts /landmarks)

Fate of Locality: (accessible / buried / graded away)

Coordinates:UTM: _____ E/ _____ N// Lat. N _____ Long. W _____ Elev. ____

Number of specimens / paperbags / boxes / samples / bags of matrix:

URS DAILY ARCHAEO/PALEO FIELD SUMMARY

Project Name: _____ Marsh Landing

Project Number: 28067850

Project Location: Marsh Landing

County: Contra Costa

Date: June 15, 2012

Page: 1 of 1

Monitor: Richard Serrano

Total Hrs: 4 **Total Mi:** 286

Project areas monitored:

No work monitored.

Time in: 6: 50 AM

Time out: 11:00 AM

Fossils: No discoveries were made today.

Stratigraphy: (turbidites / bioturbation / channels / beds / laminations / massive / contacts / faults

N / A

Lithology: ***Grain size:*** (F / M / C) ***Color:*** _____ ***Texture:*** _____ ***Sorting:*** _____

Sed: (mud/s silt/s sand/s lime/s shale conglomerate breccia concretions) Weathering: fissile / indurate /

Mineralization: caliche / siliceous / paleosol / alluvium / lag deposits / _____

Site conditions & personnel: (non-compliance / hazards / weather / safety concerns / visitors)

Weather was Clear and sunny, cool in the morning, windy.

There were no safety concerns today.

Excavation conditions: (status / equipment / cuts / access) _____ All access was good.

Other Observations & Comments:

Excavations today included trenching for grounding cables and for fire line.

Trench foe ground line was only 1 - 1.5 ft. deep and in fill.

Trenching for fire line was at 10.7 to top of pipe. Which at bottom was 9.7 but native was unreconizable during trenching and it was decided monitoring was not needed.

Field Number: _____ **Field ID:** _____ **Datum: NAD 27 CONUS**_____

Condition: (poor / fair / good / excellent / damaged / partial / whole)

Approx. age:

Soils:

Location: (pads / cuts /landmarks)

Fate of Locality: (accessible / buried / graded away)

Coordinates:UTM:_____**E/**_____**N// Lat. N**_____**Long. W**_____**Elev.**____

Number of specimens / paperbags / boxes / samples / bags of matrix:_____

URS DAILY ARCHAEO/PALEO FIELD SUMMARY

Project Name: Marsh Landing

Project Number: 28067850

Project Location: Marsh Landing

County: Contra Costa

Date: 18 June 2012

Page: 1 of 1

Monitor: Annette Cornelius

Total Hrs: 8 **Total Mi:** 160

Project areas monitored: entire site walk through, screen washing

Time in: 7:00 Am

Time out:

Fossils: possible millipede - possible modern

Stratigraphy: (turbidites / bioturbation / channels / beds / laminations / massive / contacts / faults

Bell hole ~~north~~ south (by fire pump house) and ~~south~~ north (by storm drain hole) manganese lens at approximately 7.5/8 ft elev and 8 to 9 ft elev, respectively.

Lithology: ***Grain size:*** (F / M / C) ***Color:*** ***Texture:*** ***Sorting:*** well-mod

Sed: (mud/s silt/s sand/s lime/s shale conglomerate breccia concretions) **Weathering:** fissile / indurate / none

Mineralization: caliche / siliceous / paleosol / alluvium / lag deposits / none

Site conditions & personnel: (non-compliance / hazards / weather / safety concerns / visitors)

breezy / windy

Excavation conditions: (status / equipment / cuts / access) east of oil water separator to 10.3 ft elev (fr down to 9.6 ft elev) for trench.

Other Observations & Comments:

Walk through project site with Joe Stewart and any open trenches. look through 1949/1950 photographs of original plant construction

Field Number: **Field ID:** **Datum: NAD 27 CONUS**

Condition: (poor / fair / good / excellent / damaged / partial / whole)

Approx. age:

Soils:

Location: (pads / cuts /landmarks)

Fate of Locality: (accessible / buried / graded away)

Coordinates:UTM: E/ N// Lat. N Long. W Elev.

Number of specimens / paperbags / boxes / samples / bags of matrix:

URS DAILY ARCHAEO/PALEO FIELD SUMMARY

Project Name: Marsh Landing

Project Number: 28067850

Project Location: Marsh Landing

County: Contra Costa

Date: 27 June 2012

Page: 1 of 1

Monitor: Annette Compton

Total Hrs: 4+35 **Total Mi:** 160

Project areas monitored: entire project for unreported excavations

Time in: 6:45 am / 1:30 pm

Time out: 10:45 am / 5:00 pm

Fossils: none observed into native and screen washing

Stratigraphy: (turbidites / bioturbation / channels / beds / laminations / massive / contacts / faults

no excavations into native

6R - fine to med grained
B - fine grained > mica

Lithology: ***Grain size:*** (F / M / C) ***Color:*** ***Texture:*** ***Sorting:***
Sed: (mud/s silt/s sand/s lime/s shale conglomerate breccia concretions) Weathering: fissile / indurate /
Mineralization: caliche / siliceous / paleosol / alluvium / lag deposits /

Site conditions & personnel: (non-compliance / hazards / weather / safety concerns / visitors)

Ø

Excavation conditions: (status / equipment / cuts / access)

Ø

Other Observations & Comments:

Ø picking sand monopole > 6R and B

Field Number: **Field ID:** **Datum: NAD 27 CONUS**

Condition: (poor / fair / good / excellent / damaged / partial / whole)

Approx. age:

Soils:

Location: (pads / cuts /landmarks)

Fate of Locality: (accessible / buried / graded away)

Coordinates:UTM: E/ N// Lat. N Long. W Elev.

Number of specimens / paperbags / boxes / samples / bags of matrix:

URS DAILY ARCHAEO/PALEO FIELD SUMMARY

Project Name: Marsh Landing

Project Number: 28067850

Project Location: Marsh Landing

County: Contra Costa

Date: 28 June 2012

Page: 1 of 1

Monitor: Annette Cornelius

Total Hrs: 5.5 **Total Mi:** Ø

Project areas monitored: Not At MLGS mono pole 6L searching sample ~~pitt~~ concentrate

Time in: 12:20

Time out: 6:00

Fossils: two partial shells

Stratigraphy: (turbidites / bioturbation / channels / beds / laminations / massive / contacts / faults

fine to med grained sand w/ 5% coarse rounded to subangular quartz pebbles

Lithology: *Grain size:* (F / M / C) *Color:* _____ *Texture:* _____ *Sorting:* _____

Sed: (mud/s silt/s sand/s lime/s shale conglomerate breccia concretions) Weathering: fissile / indurate /

Mineralization: caliche / siliceous / paleosol / alluvium / lag deposits / _____

Site conditions & personnel: (non-compliance / hazards / weather / safety concerns / visitors)

Excavation conditions: (status / equipment / cuts / access) Ø

Other Observations & Comments:

Field Number: _____ **Field ID:** _____ **Datum: NAD 27 CONUS** _____

Condition: (poor / fair / good / excellent / damaged / partial / whole)

Approx. age:

Soils:

Location: (pads / cuts /landmarks)

Fate of Locality: (accessible / buried / graded away)

Coordinates:UTM: _____ **E/** _____ **N/ Lat. N** _____ **Long. W** _____ **Elev.** ____

Number of specimens / paperbags / boxes / samples / bags of matrix: _____

Subsection 2.25(Soil & Water-2)

As of 6-30-2012

Report of Effectiveness of Drainage , Erosion & Sediment Control

Drainage	No Issue to report
Erosion	No Issue to report
Sedimentation Control	No Issue to report

(Mass Grading commence on May19, 2011 and completed on May 13, 2011)

1.0 There is no known issues with regards to drainage & erosion.
2.0 BMP has been installed on site are per the approved SWPPP and all deficiencies has been addressed and maintained.
3.0 SWPPP inspection & monitoring was performed per the approved SWPPP
4.0 Currently in the process of drafting SWPPP annual report which is due on September 2012

CONTRA COSTA COUNTY
Department of Conservation & Development
Building Inspection Division
651 Pine Street, N. Wing – 3rd Floor
Martinez, CA 94553 1229

MARSH LANDING PROJECT TRANSMITTAL

DATE : June 6, 2012
FROM : Jacqueline Ritchie
RE : Contra Costa County Building Inspection has reviewed the attached listed items for Mirant/Genon Marsh Landing Project - Building Permit #: BIIN11-001018

Total packages included in this Transmittal: 2

Sent for your ☐ **Information** ☒ **Review** ☐ **As Requested**

The following packages have been returned with comments and/or have been approved. Please, see the attached detailed list of documents included with each package.

STRUC-1-75.0 (CBO-0724)
Approved

STRUC-1-24.8 (CBO-0736)
Returned with Comments

JRitchie for

Deborah Sandercock, S.E.
Supervising Structural Engineer

Marie Taylor
Supervising Building Inspector

Gary Faria
Senior Grading Inspector

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Marsh Landing - CBO Transmittal Report

Title STRUC-1-24.8 **CBO-0736** **File No** 015F

Document Type	Dwg No _Rev	Rev Date	Description	CCC Eng	Apv Date	Upload / Rtn Date	Comments
Calcs	201-CA-0011-001		Calculations	RS		6/6/2012	Returned with Comments
Drawing	201-FN-0008-001[1] 1		STG-5000F	RS		6/6/2012	Returned with Comments
Drawing	201-FN-0008-001[1] 2		STG-5000F	RS		6/6/2012	Returned with Comments
Drawing	201-FN-0008-001[1] 3		STG-5000F	RS		6/6/2012	Returned with Comments
Drawing	201-FN-0008-001[1] 4		STG-5000F	RS		6/6/2012	Returned with Comments
Drawing	201-FN-0008-001[1] 5		STG-5000F	RS		6/6/2012	Returned with Comments
Drawing	201-FN-0008-001[1] 6		STG-5000F	RS		6/6/2012	Returned with Comments

Title STRUC-1-75.0 **CBO-0724** **File No** 015F

Document Type	Dwg No _Rev	Rev Date	Description	CCC Eng	Apv Date	Upload / Rtn Date	Comments
Drawing	2009-019-SF-029 rev2	04/30/12	Miscellaneous Equipment Foudation Plans, Sections and Details	AC	6/4/2012	6/6/2012	Approved

CONTRA COSTA COUNTY
Department of Conservation & Development
Building Inspection Division
651 Pine Street, N. Wing – 3rd Floor
Martinez, CA 94553 1229

MARSH LANDING PROJECT TRANSMITTAL

DATE : June 26, 2012
FROM : Jacqueline Ritchie
RE : Contra Costa County Building Inspection has reviewed the attached listed items for Mirant/Genon Marsh Landing Project - Building Permit #: BIIN11-001018

Total packages included in this Transmittal: 3

Sent for your ☐ **Information** ☒ **Review** ☐ **As Requested**

The following packages have been returned with comments and/or have been approved. Please, see the attached detailed list of documents included with each package.

STRUC-1-75.0 (CBO-0800)
Approved

STRUC-1-64.0 (CBO-0791)
Approved

ELEC-1-12.2 (CBO-0783)
Approved

Deborah Sandercock, S.E.
Supervising Structural Engineer

Marie Taylor
Supervising Building Inspector

Gary Faria
Senior Grading Inspector

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Marsh Landing - CBO Transmittal Report

Title ELEC-1-12.2 **CBO-0783** **File No** 015F

Document Type	Dwg No _Rev	Rev Date	Description	CCC Eng	Apv Date	Upload / Rtn Date	Comments
Drawing	2009-019-EO-010A rev2	05/16/12	Electrical One Line Diagram MV Switchgear/MCC 0-5KV-SWG-02	MT	6/26/2012	6/26/2012	Approved
Drawing	2009-019-EO-011C rev2	05/16/12	Electrical One Line Diagram MV Switchgear/MCC 0-5KV-SWG-01	MT	6/26/2012	6/26/2012	Approved

Title STRUC-1-64.0 **CBO-0791** **File No** 015F

Document Type	Dwg No Rev	Rev Date	Description	CCC Eng	Apv Date	Upload / Rtn Date	Comments
Drawing	2009-019-ST-001 rev1	06/13/12	Unit #1, #2 & #4 CTG Step-Up Transformer Steel Plan, Sections and Details	RS	6/25/2012	6/26/2012	Approved
Drawing	2009-019-ST-002 rev1	06/13/12	CTG Step-Up Transformer Unit #3 and UAT Transformers Steel Plan, Sections and Details	RS	6/25/2012	6/26/2012	Approved
Calcs	941E-01 rev1		941E-01 REV 0	RS	6/25/2012	6/26/2012	Approved

Title STRUC-1-75.0 **CBO-0800** **File No** 015F

Document Type	Dwg No Rev	Rev Date	Description	CCC Eng	Apv Date	Upload / Rtn Date	Comments
Drawing	2009-019-SF-029 rev3	06/21/12	Miscellaneous Equipment Foundation Plans, Sections and Details	AC	6/26/2012	6/26/2012	Approved

CONTRA COSTA COUNTY
Department of Conservation & Development
Building Inspection Division
651 Pine Street, N. Wing – 3rd Floor
Martinez, CA 94553 1229

MARSH LANDING PROJECT TRANSMITTAL

DATE : June 26 2012
FROM : Jacqueline Ritchie
RE : Contra Costa County Building Inspection has reviewed the attached listed items for Mirant/Genon Marsh Landing Project - Building Permit #: BIIN11-001018

Total packages included in this Transmittal: 2

Sent for your ☐ **Information** ☒ **Review** ☐ **As Requested**

The following packages have been returned with comments and/or have been approved. Please, see the attached detailed list of documents included with each package.

STRUC-1-21.0 (CBO-0742) Partial Return Approved	**STRUC-1-21.0 (CBO-0805)** Approved

Deborah Sandercock, S.E.
Supervising Structural Engineer

Marie Taylor
Supervising Building Inspector

Gary Faria
Senior Grading Inspector

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Marsh Landing - CBO Transmittal Report

Title STRUC-1-21.0 **CBO-0742** **File No** 015F

Document Type	Dwg No _Rev	Rev Date	Description	CCC Eng	Apv Date	Upload / Rtn Date	Comments
Drawing	2009-019-SF-094 rev1	05/15/12	Balance of Plant Electrical Enclosure Non-Seg BUS Duct Support Foundation Plan, Sections and Details	AC	6/26/2012	6/26/2012	Approved
Drawing	2009-019-SF-095 rev1	05/15/12	5kV Electrical Enclosure Non-Seg BUS Duct Support Foundation Plan, Sections and Details	AC	6/26/2012	6/26/2012	Approved
Calcs	910R-14 rev1 Non Seg Found		Non Seg Bus Duct Calc			6/26/2012	Superceded by CBO-0805

Title STRUC-1-21.0 **CBO-0805** **File No** 015F

Document Type	Dwg No _Rev	Rev Date	Description	CCC Eng	Apv Date	Upload / Rtn Date	Comments
Calcs	910R-14 rev2		Non Seg Bus Duct Calc	AC	6/26/2012	6/26/2012	Approved

CONTRA COSTA COUNTY
Department of Conservation & Development
Building Inspection Division
651 Pine Street, N. Wing – 3rd Floor
Martinez, CA 94553 1229

MARSH LANDING PROJECT TRANSMITTAL

DATE : June 26, 2012
FROM : Jacqueline Ritchie
RE : Contra Costa County Building Inspection has reviewed the attached listed items for Mirant/Genon Marsh Landing Project - Building Permit #: BIIN11-001018

Total packages included in this Transmittal: 4

Sent for your ☐ **Information** ☒ **Review** ☐ **As Requested**

The following packages have been returned with comments and/or have been approved. Please, see the attached detailed list of documents included with each package.

MECH-1-25.0 (CBO-0755)
CBO: Reviewed for Reference Only
Fire: Reviewed for Reference Only

MECH-1-26.0 (CBO-0756)
CBO: Reviewed for Reference Only
Fire: Reviewed for Reference Only

STRUC-1-25.0 (CBO-0793)
CBO: Approved
Fire: Approved

MECH-1-51.0 (CBO-0782)
CBO: Approved
Fire: Approved

Deborah Sandercock, S.E.
Supervising Structural Engineer

Marie Taylor for
Marie Taylor
Supervising Building Inspector

Gary Faria
Senior Grading Inspector

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Marsh Landing - CBO Transmittal Report

Title MECH-1-25.0 **CBO-0755** **File No** 015F

Document Type	Dwg No _Rev	Rev Date	Description	CCC Eng	Apv Date	Upload / Rtn Date	Comments
Drawing	2009-019-PS-001 rev1.	05/18/12	Piping and Instrumentation Diagram KPE Drawing Index	MT		6/26/2012	CBO & Fire: Reviewed for Reference Only

Title MECH-1-26.0 **CBO-0756** **File No** 015F

Document Type	Dwg No Rev	Rev Date	Description	CCC Eng	Apv Date	Upload / Rtn Date	Comments
Drawing	2009-019-PS-010 rev1	05/18/12	Piping and Instrumentation Diagram Drawing Legend	MT		6/26/2012	CBO & Fire: Reviewed for Reference Only

Title MECH-1-51.0 **CBO-0782** **File No** 015F

Document Type	Dwg No _Rev	Rev Date	Description	CCC Eng	Apv Date	Upload / Rtn Date	Comments
Drawing	2009-019-YP-1150 rev3	06/05/12	Mechanical Undergound Yard Piping	MT	6/21/2012	6/26/2012	CBO & Fire: Approved
Drawing	2009-019-YP-1250 rev2	06/05/12	Mechanical Undergound Yard Piping	MT	6/21/2012	6/26/2012	CBO & Fire: Approved

Title STRUC-1-25.0 **CBO-0793** **File No** 015F

Document Type	Dwg No Rev	Rev Date	Description	CCC Eng	Apv Date	Upload / Rtn Date	Comments
Drawing	2009-019-SF-015 rev4	06/15/12	CTG Foundation Anchor Bolt Schedule	RS	6/18/2012	6/26/2012	CBO & Fire: Approved
Calcs	910A-04 Rev 0 (IFC) Combine		Design of Combustion Turbine Enclosure Anchorage	RS	6/18/2012	6/26/2012	CBO & Fire: Approved

CONTRA COSTA COUNTY
Department of Conservation & Development
Building Inspection Division
651 Pine Street, N. Wing – 3rd Floor
Martinez, CA 94553 1229

MARSH LANDING PROJECT TRANSMITTAL

DATE : June 27, 2012
FROM : Jacqueline Ritchie
RE : Contra Costa County Building Inspection has reviewed the attached listed items for Mirant/Genon Marsh Landing Project - Building Permit #: BIIN11-001018

Total packages included in this Transmittal: 4

Sent for your ☐ **Information** ☒ **Review** ☐ **As Requested**

The following packages have been returned with comments and/or have been approved. Please, see the attached detailed list of documents included with each package.

MECH-1-33.0 (CBO-0763)
CBO: Reviewed for Reference Only
Fire: Approved

STRUC-1-42.5 (CBO-0801)
Approved

STRUC-1-21.1 (CBO-0789)
Returned with Comments

STRUC-1-67.0 (CBO-0798)
Partial Approval with Comments

JRitchie for

Deborah Sandercock, S.E.
Supervising Structural Engineer

Marie Taylor
Supervising Building Inspector

Gary Faria
Senior Grading Inspector

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Marsh Landing - CBO Transmittal Report

Title MECH-1-33.0 **CBO-0763** **File No** 015F

Document Type	Dwg No _Rev	Rev Date	Description	CCC Eng	Apv Date	Upload / Rtn Date	Comments
Drawing	2009-019-PS-740 rev1	05/18/12	Piping and Instrumentation Diagram FPS - Fire Protection	MT		6/27/2012	CBO: Reviewed for Reference Only / Fire: Approved

Title STRUC-1-21.1 **CBO-0789** **File No** 015F

Document Type	Dwg No Rev	Rev Date	Description	CCC Eng	Apv Date	Upload / Rtn Date	Comments
Drawing	106786-5KV REV 04		Master Layout, 5KV 4000A Siemens	AC		6/27/2012	Returned with Comments
Drawing	106786-600V REV 04		Master Layout, 600V 3000A Siemens	AC		6/27/2012	Returned with Comments
Calcs	Support Calcs (106786) REV 0		Support Calculations	AC		6/27/2012	Returned with Comments

Title STRUC-1-42.5 **CBO-0801** **File No** 015F

Document Type	Dwg No _Rev	Rev Date	Description	CCC Eng	Apv Date	Upload / Rtn Date	Comments
Calcs	ACB Equipment Pad Calculati		ACB Equipment Pad Calculations	AC	6/27/2012	6/27/2012	Approved
Calcs	ACB Equipment Pad Plan 1		ACB Equipment Pad Plan	AC	6/27/2012	6/27/2012	Approved

Title STRUC-1-67.0 **CBO-0798** **File No** 015F

Document Type	Dwg No Rev	Rev Date	Description	CCC Eng	Apv Date	Upload / Rtn Date	Comments
Drawing	2009-019-ST-202 rev1	06/21/12	Typical Ladder Sections and Details	RS	6/27/2012	6/27/2012	Approved
Drawing	2009-019-ST-203 rev1	06/21/12	Typical Stair Sections and Details	RS		6/27/2012	Returned with Comments

Drawing	2009-019-ST-204 rev1	06/21/12	Typical Handrail Sections and Details	RS	6/27/2012	6/27/2012	Approved

CONTRA COSTA COUNTY
Department of Conservation & Development
Building Inspection Division
651 Pine Street, N. Wing – 3rd Floor
Martinez, CA 94553 1229

MARSH LANDING PROJECT TRANSMITTAL

DATE : June 28, 2012
FROM : Jacqueline Ritchie
RE : Contra Costa County Building Inspection has reviewed the attached listed items for Mirant/Genon Marsh Landing Project - Building Permit #: BIIN11-001018

Total packages included in this Transmittal: 1

Sent for your ☐ **Information** ☒ **Review** ☐ **As Requested**

The following packages have been returned with comments and/or have been approved. Please, see the attached detailed list of documents included with each package.

STRUC-1-27.0 (CBO-0807)
Approved

Deborah Sandercock, S.E.
Supervising Structural Engineer

Marie Taylor
Supervising Building Inspector

Gary Faria
Senior Grading Inspector

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Marsh Landing - CBO Transmittal Report

Title STRUC-1-27.0 **CBO-0807** **File No** 015F

Document Type	Dwg No _Rev	Rev Date	Description	CCC Eng	Apv Date	Upload / Rtn Date	Comments
Drawing	2009-019-SF-201A rev2	06/21/12	Typical Concrete Details	RS	6/28/2012	6/28/2012	Approved
Calcs	910R-16 rev2	06/21/12	Typical Foundations	RS	6/28/2012	6/28/2012	Approved
Calcs	910R-16A rev2	06/21/12	Typical Pipe Support Foundations	RS	6/28/2012	6/28/2012	Approved

CONTRA COSTA COUNTY
Department of Conservation & Development
Building Inspection Division
651 Pine Street, N. Wing – 3rd Floor
Martinez, CA 94553 1229

MARSH LANDING PROJECT TRANSMITTAL

DATE : June 28, 2012
FROM : Jacqueline Ritchie
RE : Contra Costa County Building Inspection has reviewed the attached listed items for Mirant/Genon Marsh Landing Project - Building Permit #: BIIN11-001018

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The following packages have been returned with comments and/or have been approved. Please, see the attached detailed list of documents included with each package.

STRUC-1-33.0 (CBO-0799)
Approved

FOR

Deborah Sandercock, S.E.
Supervising Structural Engineer

Marie Taylor
Supervising Building Inspector

Gary Faria
Senior Grading Inspector

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Marsh Landing - CBO Transmittal Report

Title STRUC-1-33.0 **CBO-0799** **File No** 015F

Document Type	Dwg No _Rev	Rev Date	Description	CCC Eng	Apv Date	Upload / Rtn Date	Comments
Drawing	2009-019-SF-091 rev2	06/21/12	Pad Mounted Transformers Foundation Plan, Sections and Details	AC	6/27/2012	6/28/2012	Approved

Subsection 2.32(Waste 1)

As of -6-30-12

Asbestos Removal

<u>All work completed , no new removal</u>

Subsection 2.33(Worker Safety-3)

As of 6-30-2012

Days Without Incident	512 days(As of 2-14-2011)
No. of Employee Trained to Date (Kiewit Direct)	560
No. of Employee Trained to Date (Kiewit Subcontractor)	280
Safety Management Actions	0
Incident Alert	10
Continuing un-resolved situations & Incidents which may pose danger to life and health	0

Incident Alert	Date	Summary
1	8/26/2011	Pile delivery truck fail to see a previously driven indicator plie and struck it. No injury and only slight damage to truck and plie.
2	8/29/2011	While operating a 480V-100Amp fused disconnect switch, a linkage came loose causing linkage to come in contact with fuse resulting in an Arc blast. The blast was contained within the disconnect as designed and no one was injured.
3	11/11/2011	Electrician was staging a 4" PVC conduit on top of a rebar cage to make a cut on the conduit. While lifting the conduit into position, the unsecured end of the conduit slipped off the repar and fell down 3'. This fall caused the other end to move/bounce and crushed the electricians finger between the rebar cage and the conduit. Stand down was held. This is only a first aid.
4	1/20/2012	Two laborers were moving a ¼ roll of filter fabric up onto dunnage. The laborer walking backward while carrying his end of the roll tripped over the dunnage and fell backward straining his back. This is only a first aid.
5	4/13/2012	Boilermaker was installing liner plates. While handling the plates his hand slipped and ran along the sharp edge of the liner plate causing a small laceration on his left middle finger. This is only a first aid.
6	4/23/2012	While preparing to install a drilled pier, just east side of power block.the subcontractor exposed a red burried utility tape in the ground. It was found that the location of the drilled pier was revised to be in the same location as the temp. power leading the construction warehouse. This is a near miss.
7	4/26/2012	Employee was using a porta power and wood spacer to fit up pieces in the evap cooler on unit #1. The wood came out while the ram was under pressure and struck the employee in the nose. This is only a first aid
8	4/30/2012	Crew was staginga rotor air coler in the laydown yard. As the load was coming down, the employee reached out and placed his finger on the unit to guide into place. The cooler continued to drfit slowly a short distance and smashed the employee's thumb between the unit and the lower outrigger mirror on the crane. The employee received firts aid and returned to work.
9	5/30/2012	Employee smashed finger betweena Burke Bar and a panel while disassembling GSU wall panels. The employee hand was placed in a crush point between the bottom side of the Burke Bar and the panel. This Burke Bar brokke loose resulting in the smashed finger. Employee was treated with first aid and returned to work.
10	6/5/2012	Employee was lifting a bag of insulation off a pulley system on to a scaffolding platform in unit # 2 and twisted her knee. She was treated with ice and returned to work.
11	6/22/2012	Boilermakers were installing a 45 lb liner plate in Stack #3. Two hours after the operation employee reported a burning sensation in his abdomen. After rest returned to work.

3.0 Current Compliance Matrix

Mirant Marsh Landing CEC Compliance Matrix

Based on CEC Final Decision
08 - AFC -03

Color Code Key:

Pre-Const	Construction	Commiss.	Operations	To CEC or Agency	Approved by CEC

Sort Code	Cond. #	Description of Project Owner's Responsibilities	Verification/Action/Submittal Required by Project Owner	Timeframe	Date Due to CEC CPM	Lead Party	Date sent to CEC, CBO or agency	CEC Log # and Status	Comments
PC-1	AQ-SC1	Designate and retain an on-site AQCMM who shall be responsible for directing and documenting compliance with conditions AQ-SC3, AQ-SC4 and AQ-SC5 for the entire project site and linear facility construction. The on-site AQCMM may delegate responsibilities to one or more AQCMM delegates.	Submit to the CPM for approval the name, resume, qualifications, and contact information for the on-site AQCMM and all AQCMM delegates. The AQCMM and all delegates must be approved by the CPM before the start of ground disturbance.	60 days prior to the start of ground disturbance	11/2/10	GenOn	9/13/10	2010-1172	Approved 9/23/2010
PC-1	AQ-SC2	Provide, for approval, an AQCMP that details the steps to be taken and the reporting requirements necessary to ensure compliance with conditions of certification AQ-SC3, AQ-SC4 and AQ-SC5.	Submit the AQCMP to the CPM for approval. The CPM will notify the project owner of any necessary modifications to the plan within 30 days from the date of receipt. The AQCMP must be approved by the CPM before the start of ground disturbance.	60 days prior to the start of any ground disturbance	11/2/10	GenOn	9/21/10	2010-1220	Approved 10/06/10
CONS	AQ-SC3	The AQCMM shall submit documentation to the CPM in each monthly compliance report (MCR) that demonstrates compliance with mitigation measures a. through m. for purposes of preventing all fugitive dust plumes from leaving the project site and linear facility routes. Any deviation from the following mitigation measures shall require prior CPM.	The project owner shall include in the MCR (1) a summary of all actions taken to maintain compliance with this condition; (2) copies of any complaints filed with the air district in relation to project construction; and (3) any other documentation deemed necessary by the CPM and AQCMM to verify compliance with this condition. Such information may be provided via electronic format or disk at the project owner's discretion.	Monthly	Include in MCR	GenOn			
CONS	AQ-SC4	The AQCMM or an AQCMM delegate shall monitor all construction activities for visible dust plumes. Observations of visible dust plumes with the potential to be transported off the project site, 200 feet beyond the centerline of the construction of linear facilities, or within 100 feet upwind of any regularly occupied structures not owned by the project owner indicate that existing mitigation measures are not providing effective mitigation. The AQCMM or delegate shall then implement the following procedures for additional mitigation measures in the event that such visible dust plumes are observed	The AQCMP shall include a section detailing how additional mitigation measures will be accomplished within the specified time limits.	Monthly	Include in the MCR	GenOn			

Mirant Marsh Landing CEC Compliance Matrix

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CONS	AQ-SC5	The AQCMM shall submit to the CPM, in the MCR, a construction mitigation report that demonstrates compliance with mitigation measures a. through f. for purposes of controlling diesel construction related emissions. Any deviation from the following mitigation measures shall require prior CPM notification and approval.	The project owner shall include in the MCR:(1) a summary of all actions taken to maintain compliance with this condition; (2) a list of all heavy equipment used on site during that month, including the owner of that equipment and a letter from each owner indicating that the equipment has been properly maintained; and (3) any other documentation deemed necessary by the CPM and AQCMM to verify compliance with this condition. Such information may be provided via electronic format or disk at the project owner's discretion.	Monthly	Include in MCR	GenOn			
CONS	AQ-SC6	The project owner shall submit to the CPM for review and approval any modification proposed by the project owner to any project air permit. The project owner shall submit to the CPM any modification to any permit proposed by the District or U.S. EPA, and any revised permit issued by the District or U.S. EPA, for the project.	submit any proposed air permit modification to the CPM within five working days of either: 1) submittal by the project owner to an agency, or 2) receipt of proposed modifications from an agency. The project owner shall submit all modified air permits to the CPM within 15 days of receipt.	Within 5 working days of its submittal	Include in MCR	GenOn			
PC-2	AQ-SC7	Provide emission reductions in the form of offsets or emission reduction credits (ERCs) in the quantities of at least 78.83 tons per year (tpy) NOx, 14.23 tpy VOC, 31.57 tpy PM10, and 4.96 tpy SOx emissions. The project owner shall demonstrate that the reductions are provided in the form required by the Bay Area Air Quality Management District. The project owner shall surrender the ERCs from among Bay Area Air Quality Management District Certificate Numbers 756, 831, 863, and 918, or a modified list, as allowed by this condition. If additional ERCs are submitted, the project owner shall submit a modified list including the additional ERCs to the CPM. The project owner shall request CPM approval for any substitutions, modifications, or additions to the listed credits.	Submit to the CPM records showing that the project's offset requirements have been met prior to initiating construction. If the CPM approves a substitution or modification to the list of ERCs, the CPM shall file a statement of the approval with the project owner and the Energy Commission docket. The CPM shall maintain an updated list of approved ERCs for the project.	Prior to Initiating Construction	3/2/11	GenOn	10/13/10	2010-1361	Approved 10/29/2010

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Sort Code	Cond. #	Description of Project Owner's Responsibilities	Verification/Action/Submittal Required by Project Owner	Timeframe	Date Due to CEC CPM	Lead Party	Date sent to CEC, CBO or agency	CEC Log # and Status	Comments
COMM &OPS	AQ-SC8	Submit to the CPM quarterly operation reports that include operational and emissions information as necessary to demonstrate compliance with the conditions of certification. The quarterly operation report shall specifically note or highlight incidences of noncompliance.	Submit quarterly operation reports to the CPM and APCO no later than 30 days following the end of each calendar quarter. This information shall be maintained on site for a minimum of five years and shall be provided to the CPM and District personnel upon request.	Quarterly	30 days after end of quarter	GenOn			
COMM	AQ-SC9	The facility shall be operated such that simultaneous commissioning of no more than two combustion turbines will occur without abatement of nitrogen oxide and CO emissions by its SCR system and oxidation catalyst system. Operation of a combustion turbine during commissioning without abatement shall be limited to discrete commissioning activities that can only be properly executed without the SCR or Oxidation Catalyst Systems fully operational.	submit a monthly compliance report to the CPM during the commissioning period demonstrating compliance with this condition.	Monthly	Include in MCR	KIEWIT			
COMM	AQ-1	Minimize emissions of carbon monoxide and nitrogen oxides from Gas Turbines to the maximum extent possible during the commissioning period.	A summary of significant operation and maintenance events and monitoring records required shall be included in the quarterly operation report (AQSC8).	Quarterly	30 days after end of quarter	GenOn			
COMM	AQ-2	At the earliest feasible opportunity in accordance with the recommendations of the equipment manufacturers and the construction contractor, shall tune the S-1, S-2, S-3 and S-4 Gas Turbines combustors to minimize the emissions of carbon monoxide and nitrogen oxides.	A summary of significant operation and maintenance events and monitoring records required shall be included in the quarterly operation report (AQSC8).	Quarterly	30 days after end of quarter	K&M			

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COMM	AQ-3	At the earliest feasible opportunity in accordance with the recommendations of the equipment manufacturers and the construction contractor, install, adjust, and operate the A-1, A-3, A-5 and A-7 Oxidation Catalysts and A-2, A-4, A-6 and A-8 SCR Systems to minimize the emissions of carbon monoxide and nitrogen oxides from S-1, S-2, S-3, and S-4 Gas Turbines. (Basis: BACT, Regulation 2, Rule 2, Section 409)	A summary of significant operation and maintenance events and monitoring records required shall be included in the quarterly operation report (AQSC8).	Quarterly	30 days after end of quarter	K&M			
COMM	AQ-4	Submit a plan to the District Engineering Division and the CEC CPM, describing the procedures to be followed during the commissioning of the gas turbines. The plan shall include a description of	Submit a commissioning plan to the CPM and APCO for approval at least four weeks prior to first firing of the gas turbine describing the procedures to be followed	Four weeks prior to first firing of GT during Commissioning	7/1/12	KIEWIT			
COMM	AQ-5	During the commissioning period, shall demonstrate compliance with AQ-7, AQ-8, AQ-9, and AQ-10 through the use of properly operated and maintained continuous emission monitors and data recorders for the following parameters and emission concentrations:firing hours, fuel flow rates, stack gas nitrogen oxide emission concentrations, stack gas carbon monoxide emission concentrations, stack gas oxygen concentrations The monitored parameters shall be recorded at least once every 15 minutes (excluding normal calibration periods or when the monitored source is not in operation) for the Gas Turbines (S-1, S-2, S-3, and S-4). The owner/operator shall use District-approved methods to calculate heat input rates, nitrogen dioxide mass emission rates, carbon monoxide mass emission rates, and NOx and CO emission concentrations, summarized for each clock hour and each calendar day. The owner/operator shall retain records on site for at least 5 years from the date of entry and make such records available to District personnel upon request. (Basis:	Submit to the CPM and APCO for approval the commissioning plan as required in AQ-4.	Four weeks prior to first firing of GT during Commissioning	7/1/12	KIEWIT			
CONS	AQ-6	Install, calibrate, and operate the District-approved continuous monitors specified in AQ-5 prior to first firing of the Gas Turbines (S-1, S-2, S-3 and S-4). After first firing of the turbines, the owner/operator shall adjust the detection range of these continuous emission monitors as necessary to accurately measure the resulting range of CO and NOx emission concentrations. The type, specifications, and location of these monitors shall be subject to District review and approval. (Basis: Regulation 2, Rule 2, Section 419)	make the site available for inspection by representatives of the District, ARB, and the Commission upon request. A summary of significant operation and maintenance events and monitoring records required shall be included in the quarterly operation report.	As Required	As required	KIEWIT			

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COMM	AQ-7	Do not fire Gas Turbine without abatement of nitrogen oxide emissions by the corresponding SCR System and/or abatement of carbon monoxide emissions by the corresponding Oxidation Catalyst for more than 232 hours each during the commissioning period. The owner/operator shall operate the facility such that simultaneous commissioning of no more than two gas turbines will occur without abatement of nitrogen oxides and carbon monoxide by its SCR system and oxidation catalyst system. Such operation of any Gas Turbine without abatement shall be limited to discrete commissioning activities that can only be properly executed without the SCR system and/or oxidation catalyst in place. Upon completion of these activities, provide written notice to the District Engineering and Enforcement Divisions and the unused balance of the 232 firing hours without abatement	Submit to the CPM and APCO for approval the commissioning plan as required in AQ-4. A summary of significant operation and maintenance events and monitoring records required shall be included in the quarterly operation report (AQ-SC8).	Four weeks prior to first firing of GT during Commissioning	7/1/12	KIEWIT			
OPS	AQ-8	Total mass emissions of nitrogen oxides, carbon monoxide, precursor organic compounds, PM10, and sulfur dioxide that are emitted by the Gas Turbines (S-1, S-2, S-3, and S-4) during the commissioning period shall accrue towards the consecutive twelve-month emission limitations	A summary of significant operation and maintenance events and monitoring records required shall be included in the quarterly operation report (AQSC8).	Quarterly	30 days after end of quarter	K&M			
OPS	AQ-9	Shall not operate the Gas Turbines (S-1, S-2, S-3, and S-4) in a manner such that the pollutant emissions from each gas turbine will exceed the following limits during the commissioning period. These emission limits shall include emissions resulting from the start-up and shutdown of the Gas Turbines (S-1, S-2, S-3, S-4). NOx (as NO2) 3,063 pounds per calendar day 188 pounds per hour. CO 33,922 pounds per calendar day 2,405 pounds per hour. POC (as CH4) 2,008 pounds per calendar day. PM10 235 pounds per calendar day. SO2 149 pounds per calendar day.	A summary of significant operation and maintenance events and monitoring records required shall be included in the quarterly operation report (AQSC8).	Quarterly	30 days after end of quarter	K&M			
COMM	AQ-10	Within 90 days after startup of each turbine, the Owner/Operator shall conduct District and CEC approved source tests for that turbine to determine	Submit to the CPM and APCO for approval the commissioning plan as required in AQ-4.	Thirty working days before the execution of the	7/1/12	KIEWIT			
OPS	AQ-11	Fire the Gas Turbines (S-1, S-2, S-3, and S-4) exclusively on PUC-regulated natural gas with a maximum sulfur content of 1 grain per 100 standard cubic feet. To demonstrate compliance	The result of the natural gas fuel sulfur monitoring data and other fuel sulfur content source data shall be submitted to the District and CPM in the quarterly operation report	Quarterly	30 days after end of quarter	GenOn			

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OPS	AQ-12	Do not operate the units such that the heat input rate to each Gas Turbine (S-1, S-2, S-3, and S-4) exceeds 2,202 MMBtu (HHV) per hour.	A summary of significant operation and maintenance events and monitoring records required shall be included in the quarterly operation report.	Quarterly	30 days after end of quarter	GenOn			
OPS	AQ-13	Do not operate the units such that the heat input rate to each Gas Turbine (S-1, S-2, S-3, and S-4) exceeds 52,848 MMBtu (HHV) per day.	A summary of significant operation and maintenance events and monitoring records required shall be included in the quarterly operation report.	Quarterly	30 days after end of quarter	GenOn			
OPS	AQ-14	Do not operate the units such that the combined cumulative heat input rate for the Gas Turbines (S-1, S-2, S-3, and S-4) exceeds 13,994,976 MMBtu (HHV) per year.	A summary of significant operation and maintenance events and monitoring records required shall be included in the quarterly operation report.	Quarterly	30 days after end of quarter	GenOn			
OPS	AQ-15	Do not operate S-1, S-2, S-3, and S-4 such that the Combined hours for all four units exceeds 7,008 hours per year (excluding operations necessary for maintenance, tuning, and testing).	A summary of significant operation and maintenance events and monitoring records required shall be included in the quarterly operation report (AQSC8).	Quarterly	30 days after end of quarter	GenOn			
OPS	AQ-16	Ensure that the each Gas Turbine (S-1, S-2, S-3,S-4) is abated by the properly operated and properly maintained Selective Catalytic Reduction (SCR) System A-2, A-4, A-6 or A-8 and Oxidation Catalyst System A-1, A-3, A-5, or A-7 whenever fuel is combusted at those sources and the corresponding SCR catalyst bed (A-2, A-4, A-6 or A-8) has reached minimum operating temperature.	Make the site available for inspection by representatives of the District, ARB, and the Commission upon request. A summary of significant operation and maintenance events and monitoring records required shall be included in the quarterly operation report (AQ-SC8).	As Required	As required	GenOn			

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Pre-Const	Construction	Commiss.	Operations	To CEC or Agency	Approved by CEC

Sort Code	Cond. #	Description of Project Owner's Responsibilities	Verification/Action/Submittal Required by Project Owner	Timeframe	Date Due to CEC CPM	Lead Party	Date sent to CEC, CBO or agency	CEC Log # and Status	Comments
OPS	AQ-17	ensure that the Gas Turbines (S-1, S-2, S-3, S-4) comply with requirements (a) through (i). Requirements (a) through (f) do not apply during a gas turbine start-up, combustor tuning operation or shutdown.	A summary of significant operation and maintenance events and monitoring records required shall be included in the quarterly operation report.	Quarterly	30 days after end of quarter	GenOn			
OPS	AQ-18	Ensure that the regulated air pollutant mass emission rates from each of the Gas Turbines (S-1, S-2, S-3, and S-4) during a start-up or shut down does not exceed the limits established below. Startups shall not exceed 30 minutes. Shutdowns shall not exceed 15 minutes. NOx (as NO2),CO,POC(as CH4) of Maximum Emissions Per Startup: 36.4 ,216.2 , 11.9 Maximum Emissions During Hour Containing a Startup:45.1, 541.3, 28.5 Maximum Emissions Per Shutdown: 15.1, 111.5, 5.4	A summary of significant operation and maintenance events and monitoring records required shall be included in the quarterly operation report (AQSC8).	Quarterly	30 days after end of quarter	GenOn			
COMM &OPS	AQ-19	Do not perform combustor tuning on each Gas Turbine (S-1, S-2, S-3, or S-4) more than twice every consecutive 12 month period. Each tuning event shall not exceed eight hours. Combustor tuning shall only be performed on one gas turbine per day. The owner/operator shall notify the District no later than seven days prior to combustor tuning activity. The emissions during combustor tuning from each gas turbine shall not exceed the limits established below.NOx (as NO2):80, CO:450, POC (as CH4):30	notify both the District and CPM at least 7 days prior to the combustor tuning. A summary of significant operation and maintenance events and monitoring records required shall be included in the quarterly operation report (AQ-SC8)	7 days prior to combustor tuning	7/7/12	K&M			
OPS	AQ-20	Do not allow total combined emissions from the Gas Turbines (S-1, S-2, S-3, and S-4), including emissions generated during gas turbine start-ups, and shutdowns to exceed the following limits during any calendar day (except for days during which combustor tuning events occur: (a) 2,468 pounds of NOx (as NO2) per day (Basis: Cumulative Increase) (b) 4,858 pounds of CO per day (Basis: Cumulative Increase) (c) 476 pounds of POC (as CH4) per day (Basis: Cumulative Increase) (d) 864 pounds of PM10 per day (Basis: Cumulative Increase) (e) 596 pounds of SO2 per day (Basis: Cumulative Increase)	A summary of significant operation and maintenance events and monitoring records required shall be included in the quarterly operation report (AQSC8).	Quarterly	30 days after end of quarter	GenOn			

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OPS	AQ-21	Do not allow cumulative combined emissions from the Gas Turbines (S-1, S-2, S-3, and S-4), including emissions generated during gas turbine start-ups, combustor tuning, shutdowns, and malfunctions to exceed the following limits during any consecutive twelve-month period: (a) 2,941 pounds of NOx (as NO2) per day (Basis: Cumulative Increase) (b) 8,378 pounds of CO per day (Basis: Cumulative Increase)(c) 693 pounds of POC (as CH4) per day (Basis: Cumulative Increase)(d) 864 pounds of PM10 per day (Basis: Cumulative Increase)(e) 596 pounds of SO2 per day (Basis: Cumulative Increase)	A summary of significant operation and maintenance events and monitoring records required shall be included in the quarterly operation report (AQSC8).	Quarterly	30 days after end of quarter	GenOn			
OPS	AQ-22	not allow cumulative combined emissions from the Gas Turbines (S-1, S-2, S-3, and S-4), including emissions generated during gas turbine start-ups, combustor tuning, shutdowns, and malfunctions to exceed the following limits during any consecutive twelve-month period: (a) 78.57 tons of NOx (as NO2) per year (Basis: Offsets)(b) 138.57 tons of CO per year (Basis: Cumulative Increase)(c) 14.21 tons of POC (as CH4) per year (Basis: Offsets)(d) 31.54 tons of PM10 per year (Basis: Cumulative Increase)(e) 4.94 tons of SO2 per year (Basis: Cumulative Increase)	A summary of significant operation and maintenance events and monitoring records required shall be included in the quarterly operation report (AQSC8).	Quarterly	30 days after end of quarter	GenOn			
OPS	AQ-23a	Do not allow the maximum projected annual toxic air contaminant emissions (per AQ-26) from the Gas Turbines combined to exceed the following limits: formaldehyde 7,785 pounds per year, benzene 202 pounds per year, Specified polycyclic aromatic hydrocarbons (PAHs) 1.98 pounds per year unless the following requirement is satisfied: (1)Perform a health risk assessment to determine the total facility risk using the emission rates determined by source testing and	Source test results obtained through compliance with AQ-26 and AQ- 30 shall confirm the toxic air contaminant emission rates or submit an updated health risk assessment.	With/in 60 days of initial source testing and	6/30/13	GenOn			

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OPS	AQ-23b	Perform a health risk assessment to determine the total facility risk using the emission rates determined by source testing and the most current Bay Area Air Quality Management District approved procedures and unit risk factors in effect at the time of the analysis.	Submit the risk analysis to the District and the CEC CPM . May request that the District and the CEC CPM revise the carcinogenic compound emission limits specified above. Demonstrates to the satisfaction of the APCO that these revised emission limits will not result in a significant cancer risk, the District and the CEC CPM may, at their discretion, adjust the carcinogenic compound emission limits listed above.	Every 24 months submit with/in 60days of test	As required	GenOn			
OPS	AQ-24	Demonstrate compliance with AQ-12 through AQ-15, AQ-17(a) through AQ-17(e), AQ-18 (NOx, and CO limits), AQ-19 (NOx and CO limits), AQ-20(a), AQ-20(b), AQ-21(a), AQ-21(b), AQ-22(a) and AQ- 22(b) by using properly operated and maintained continuous monitors (during all hours of operation including gas turbine start-up, combustor tuning, and shut down periods). The owner/operator shall monitor for all of the following a. through k.	Make the site available for inspection by representatives of the District, ARB and the Commission to verify the continuous monitoring and recordkeeping system is properly installed and operational.	As Required	As required	GenOn			

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OPS	AQ-25	Demonstrate compliance with AQ-17(f), AQ-17(g), AQ-17(h), AQ-17(i), AQ-20(c), AQ-20(d), AQ-20(e), AQ-21(c), AQ-21(d), AQ-21(e), AQ-22(c), AQ-22(d), AQ-22(e), the owner/operator shall calculate and record on a daily basis, the precursor organic compound (POC) mass emissions, fine particulate matter (PM10) mass emissions (including condensable particulate matter), and sulfur dioxide (SO2) mass emissions from each power train. The owner/operator shall use the actual heat input rates measured	Make the site available for inspection by representatives of the District, ARB and the Commission to verify the calculation and record keeping system is properly installed and operational.	As Required	As required	GenOn			
OPS	AQ-26	Demonstrate compliance with AQ-23, the owner/operator shall calculate and record on an annual basis the maximum projected annual emissions of: Formaldehyde, Benzene, and Specified PAHs. The owner/operator shall calculate the maximum projected annual	Make the site available for inspection by representatives of the District, ARB and the Commission to verify the calculation and recordkeeping system is properly installed and operational.	As Required	As required	GenOn			
COMM	AQ-27a	Conduct a District-approved source test on each corresponding exhaust pointS to determine the corrected ammonia (NH3) emission concentration to determine compliance with AQ-17(e). The source test shall be conducted over the expected operating range of the turbine (including, but not limited to, minimum and full load modes) to establish the range of ammonia injection rates necessary to achieve NOx emission reductions while maintaining ammonia slip levels.	Submit the results and field data collected during source tests to the District and CPM within 60 days of testing and according to a preapproved protocol (AQ-29).	Within 60 days of intial source testing	6/30/13	KIEWIT			
OPS	AQ-27b	Repeat the source testing(AQ-27a) on an annual basis thereafter. Ongoing compliance with AQ-17(e) shall be demonstrated through calculations of corrected ammonia concentrations based upon the source test correlation and continuous records of ammonia injection rate.	Testing for steady-state emissions shall be conducted upon initial operation and at least once every 12 months.	With in 60 days of test every 12 months	As required	GenOn			
OPS	AQ-28a	Testing for steady-state emissions shall be conducted upon initial operation and at least once every 12 months.	Submit the results and field data collected during source tests to the District and CPM within 60 days of testing	Annually	Include in ACR	GenOn			

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COMM	AQ-28b	conduct a District-approved source test on each corresponding exhaust point P-1, P-2, P-3 and P-4 while each Gas Turbine is operating at maximum load to determine compliance with AQ-17(a), AQ-17(b), AQ-17(c), AQ-17(d), AQ-17(f), AQ-17(g), AQ- 17(h), AQ-17(i), and while each Gas Turbine is operating at minimum load to determine compliance with AQ-17(c), and AQ-17(d) and to verify the accuracy of the continuous emission monitors required in AQ-24. The	Submit the results and field data collected during source tests to the District and CPM within 60 days of testing and according to a preapproved protocol (AQ-29).	Upon initial operation	6/30/13	KIEWIT			
COMM &OPS	AQ-29	Obtain approval for all source test procedures from the District's Source Test Section and the CEC CPM prior to conducting any tests. Comply with all applicable testing requirements for continuous emission monitors as specified in Volume V of the District's Manual of Procedures. Notify the District's Source Test Section and the CEC CPM in writing of the source test protocols and projected test dates at least 7 days prior to the testing date(s).	Submit the proposed source test plan or protocol for the source tests seven days prior to the proposed source test date to both the District and CPM for approval. The project owner shall notify the District and CPM no later than seven days prior to the proposed source test date and time.	No later than seven days prior to the proposed source test date and time	4/24/13	KIEWIT			
COMM	AQ-30a	conduct a District-approved source test on one of the following exhaust points P-1, P-2, P-3 or P-4 while the Gas Turbine is operating at maximum allowable operating rates to demonstrate compliance with AQ-23. The owner/operator shall also test the gas turbine while it is operating at minimum load. If three consecutive biennial source tests demonstrate that the annual emission rates calculated pursuant to AQ-26 for any of the compounds listed below are less than the BAAQMD trigger levels, pursuant to Regulation 2, Rule 5, shown, then the owner/operator may discontinue future testing for that pollutant: Benzene ≤ 3.8 pounds/year and	The results and field data collected during source tests shall be submitted to the District and CPM within 60 days of testing and according to a preapproved protocol (AQ-29).	Within 60 days of initial source testing	6/30/13	KIEWIT			
OPS	AQ-30b	Testing for toxic air contaminant emissions shall be conducted upon initial operation and at least once every 24 months.	The results and field data collected during source tests shall be submitted to the District and CPM within 60 days of testing	with in 60 days of test every 24 months thereafter	As required	GenOn			

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OPS	AQ-31	Calculate the sulfuric acid mist (SAM) emission rate using the total heat input for the sources and the highest results of any source testing conducted pursuant to AQ-32. If this SAM mass emission limit of AQ- 33 is exceeded, the owner/operator must utilize air dispersion modeling to determine the impact (in µg/m3) of the sulfuric acid mist emissions pursuant to Regulation 2, Rule 2, Section 306	Make the site available for inspection by representatives of the District, ARB and the Commission to verify the calculation and recordkeeping system is properly installed and operational. The quarterly operation report (AQ-SC8) shall include a determination of the impact if triggered by this condition.	As Required & Quarterly	30 days after end of quarter	GenOn			
COMM	AQ-32a	Conduct a District-approved source test on two of the four exhaust points while each gas turbine is operating at maximum heat input rates to demonstrate compliance with the SAM emission rates specified in AQ-33. Test for (as a minimum) SO2, SO3, and H2SO4. Submit the source test results to the District and the CEC CPM within 60 days of conducting the tests.	Submit the results and field data collected during source tests to the District and CPM within 60 days of testing and according to a preapproved protocol (AQ-29).	Within 60 days of initial source testing and	6/30/13	KIEWIT			
OPS	AQ-32b	Testing for steady-state emissions shall be conducted upon initial operation and at least once every 12 months	Submit the results and field data collected during source tests to the District and CPM within 60 days of testing and according to a preapproved protocol (AQ-29).	with in 60 days of test every 12 months thereafter	As required	GenOn			
OPS	AQ-33	Do not allow sulfuric acid emissions (SAM) from stacks combined to exceed seven tons in any consecutive 12 month period	A summary of significant operation and maintenance events and monitoring records required shall be included in the quarterly operation report (AQSC8).	Quarterly	30 days after end of quarter	GenOn			
CONS	AQ-34	Ensure that the stack height of emission points are each at least 165 feet above grade level at the stack base	Make the site available for inspection by representatives of the District, ARB and the Commission	As Required	As required	GenOn			
OPS	AQ-35	Submit all reports (including, but not limited to monthly CEM reports, monitor breakdown reports, emission excess reports, equipment breakdown reports, etc.) as required by District Rules or Regulations and in accordance with all procedures and time limits specified in the Rule, Regulation, Manual of Procedures, or Enforcement Division Policies & Procedures Manual	Ensure that notifications and reports, including the quarterly operation report (AQ-SC8), are prepared and submitted in compliance with this condition	As Required	As required	GenOn			

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OPS	AQ-36	Maintain all records and reports on site for a minimum of five years. These records shall include but are not limited to: continuous monitoring records (firing hours, fuel flows, emission rates, monitor excesses, breakdowns, etc.), source test and analytical records, natural gas sulfur content analysis results, emission calculation records, records of plant upsets and related incidents. The owner/operator shall make all records and reports available to District and the CEC CPM staff upon request.	Make the site available for inspection by representatives of the District, ARB and the Commission.	As Required	As required	GenOn			
OPS	AQ-37	notify the District and the CEC CPM of any violations of these permit conditions. Notification shall be submitted in a timely manner, in accordance with all applicable District Rules, Regulations, and the Manual of Procedures. Notwithstanding the notification and reporting requirements given in any District Rule, Regulation, or the Manual of Procedures, the owner/operator shall submit written notification (facsimile is acceptable) to the Enforcement	A summary of significant operation and maintenance events and monitoring records required shall be included in the quarterly operation report.	Quarterly	30 days after end of quarter	GenOn			
CONS	AQ-38	Provide adequate stack sampling ports and platforms to enable the performance of source testing. The location and configuration of the stack sampling ports shall comply with the District Manual of Procedures, Volume IV, Source Test Policy and Procedures, and shall be subject to BAAQMD review and approval, except that the facility shall provide four sampling ports that are at least 6 inches in diameter in the same plane of each gas turbine stack.	The project owner shall make the site available for inspection by representatives of the District, ARB and the Commission.	As Required	As required	GenOn			
CONS	AQ-39	Contact the BAAQMD Technical Services Division regarding requirements for the continuous emission monitors, sampling ports, platforms, and source tests required by AQ-10, AQ-27, AQ-28, AQ-30 and AQ-32. Conduct all source testing and monitoring in accordance with the District approved procedures.	Contact the District for specifications on monitors, ports, platforms and source tests and shall submit verification of this contact to the District and CPM with the initial source test protocol	With in 180 days of Issuance of the Authority to Construct	9/25/11	KIEWIT	9/13/2011 Approved by CEC 10/7/2011 Additional submittal 10/11/2011		

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OPS	AQ-40	Ensure that the MLGS complies with the continuous emission monitoring requirements of 40 CFR Part 75	Submit to the CPM and District the results of audits of the monitoring system demonstrating compliance with this condition as part of the quarterly operation report.	Quarterly	30 days after end of quarter	GenOn			
PC-1	BIO-1	Assign a Designated Biologist to the project. The DB must meet the specified qualifications. No site or related facility activities shall commence until an approved Designated Biologist is available to be on site. Adhere to condition specification if the DB needs to be replaced	Submit the resume of the proposed DB, with at least 3 references and contact information, to the (CPM) for approval.	At least 90 days prior to the start of any site (or related facilities) mobilization	10/3/10	GenOn	9/21/2010 2/2/2012	2010-1221 Returned 10/6/2010	Approved 10/20/2010 Addntl resumes submitted 2/2/2012 Approved addntl monitors 2/24/12
CONS	BIO-2	Ensure that the DB performs the specified 1. through 9. of the condition during any site (or related facilities) mobilization, ground disturbance, grading, construction, operation, and closure activities. The DB may be assisted by the approved Biological Monitor(s), but remains the contact for the project owner and CPM.	Designated Biologist must maintain written records of the tasks described in condition and provide summaries for inclusion in the MCR.	Monthly	Include in the MCR	BIOLOGIST			
CONS	BIO-3	Construction/Operation Manager shall act on the advice of the DB to ensure conformance with the biological resources Conditions of Certification. If required by the DB, Construction/ Operation Manager shall halt all activities in areas specified by the DB. The Designated Biologist shall follow the process 1. through 3 in the condition if construction is halted	Designated Biologist must notify the CPM immediately of any non-compliance activity or halt of any site mobilization, ground disturbance, grading, construction, and ops activities.	As Required	As required	BIOLOGIST			

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PC-1	BIO-4a	Develop and implement a CPM-approved Worker Environmental Awareness Program (WEAP) in which each of its employees, as well as employees of contractors and subcontractors who	Provide to the CPM the proposed WEAP and all supporting written materials and electronic media prepared or reviewed by the DB and a resume of the person(s)	60 days prior to the start of any site (or related facilities) mobilization	11/2/10	BIOLOGIST	10/26/2010 Resubmit WEAP	2010-1490 2010-1790 12/3/2010	Additional Information Submitted
CONS	BIO-4b	Report the number of persons who have completed the training in the prior month and a running total of all persons who have completed the training to date.	Include a running total in MCR.	Monthly	Include in the MCR	KIEWIT			
PC-1	BIO-4c	Deliver copies of final CPM approved WEAP materials to site.	Submit two copies of the CPM approved materials.	At least 10 days prior to site or related facilities mobilization	12/22/10	BIOLOGIST	10/26/10	2010-1490	Additional Information Submitted 12/3/2010 Approved 1/11/2011 Additional copies sent per request of Ann Crisp
OPS	BIO-4d	Keep signed WEAP statements in project files.	During project operation, signed statements for active project operational personnel shall be kept on file for six months following the termination of an individual's employment.	As required	As required	GenOn			
PC-1	BIO-5	Prepare the proposed BRMIMP (see BIO-6 for detailed requirements of the BRMIMP).	Submit two copies of the BRMIMP to the CEC CPM for review and approval and to USFWS/CDFG for review and comment	At least 60 days prior to site or related facilities mobilization	11/2/10	BIOLOGIST	10/13/2010 Resub 11/18/2010	21010-1362 11/3/10 2010-1679 11/18/2010	Additional Information Submitted 12/3/2010 Additional copy
CONS	BIO-5b	Revise or supplement the BRMIMP to reflect any BIO permit conditions received after the original BRMIMP is accepted.	Submit any bio permits not yet received when the BRMIMP is first submitted to the CPM and HTAC	Within 5 days of receipt	As required	BIOLOGIST			
CONS	BIO-5c	Any changes to the approved BRMIMP must also be approved by the CPM and submitted to the	Notify the CPM before implementing any modifications to the approved BRMIMP	Within 5 days	As required	BIOLOGIST			
CONS	BIO-5d	Implementation of BRMIMP measures will be reported in the MCR by the DB.	Provide report for inclusion in MCR.	Monthly	Include in MCR	BIOLOGIST			
CONS	BIO-5e	Prepare a written construction closure report identifying which items of the BRMIMP have been completed, a summary of all modifications to	Provide construction closure report to the CPM for review and approval.	Within 30 days after completion of construction	5/1/13	BIOLOGIST			

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CONS	BIO-6a	Implement measures set forth in condition in a manner to avoid or minimize impacts to the local biological resources.	Provide report for inclusion in MCR.	Monthly	Include in the MCR	BIOLOGIST			
CONS	BIO-6b	Submit a written construction termination report identifying how bio mitigation measures have been completed.	Provide construction termination report to the CPM for review and approval. Provide additional copies to the CDFG and USFWS.	Within 30 days after completion of construction	5/1/13	BIOLOGIST			
PC-2	BIO-7	Conduct migratory bird pre-construction nest surveys as required by condition. If active nests are detected during the survey, the report shall include a map or aerial photo identifying the location of the nest and shall depict the boundaries of the no-disturbance buffer zone	Provide the CPM a letter-report describing the findings of the pre-construction nest surveys, including the time, date, and duration of the survey; identity and qualifications of the surveyor(s); and a list of species observed. Additional copies shall be	At least 10 days prior to site or related facilities mobilization	12/22/10	BIOLOGIST	3/8/2011 3/13/2012 5/21/2013		Approved, but ongoing review required. Request to remove hawk
OPS	BIO-8	Provide an annual Payment to Friends of San Pablo Bay. The First Annual Payment shall be at least equal to $2,693.00 + $20,000 payment of good faith	Provide written verification to the CPM, USFWS, and CDFG that first annual payment was made. Thereafter within 30 days of the each commencement anniversary date provide written verification of payment to parties above	30 days after the start of project operation	5/31/13	GenOn			
PC-2	CIV-1a	Submit design of the proposed drainage structures and the grading plan.	Submit documents to the CBO for review and approval.	At least 30 days prior to the start of site grading	3/2/11	KIEWIT	2/19/2011 to CEC and CBO		CBO comments 3/10/11 Approved 3/29/2011
PC-2	CIV-1b	Submit the erosion and sedimentation control plan.	Submit documents to the CBO for review and approval.	At least 30 days prior to the start of site grading	3/2/11	KIEWIT	2/19/2011 to CEC and CBO		Approved 3/28/2011
PC-2	CIV-1c	Submit the storm water pollution prevention plan (SWPPP).	Submit documents to the CBO for review and approval.	At least 30 days prior to the start of site grading	3/2/11	KIEWIT	2/19/2011 to CEC and CBO		CBO comments 3/10/11 Approved 3/28/2011
PC-2	CIV-1d	Submit related calculations and specifications, signed and stamped by the responsible civil engineer.	Submit documents to the CBO for review and approval.	At least 30 days prior to the start of site grading	3/2/11	KIEWIT	2/19/2011 to CEC and CBO		CBO comments 3/10/11 Approved 3/28/2011
PC-2	CIV-1e	Submit the soils, geotechnical, or foundation investigations reports required by the 2007 CBC.	Submit documents to the CBO for review and approval.	At least 30 days prior to the start of site grading	3/2/11	KIEWIT	2/19/2011 to CEC and CBO		CBO comments 3/10/11 Approved 3/28/2011
CONS	CIV-2	RE shall stop all earthwork and construction in the affected areas when the responsible soils, geotechnical, or civil engineer experienced and knowledgeable in the practice of soils engineering identifies unforeseen adverse soil or geologic conditions. Submit modified plans, specifications and calculations to the CBO based on these new conditions. Obtain approval from	Notify the CPM within 24 hours when earthwork and construction are stopped as a result of unforeseen adverse geological conditions. Within 24 hours of the CBO's approval to resume earthwork and construction in the affected areas, provide to the CPM a copy of the CBO's approval.	Within 24 hours of construction halt due to geologic conditions	As required	KIEWIT			

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CONS	CIV-3	Perform inspections in accordance with this condition (see codes referenced). If work is not being performed in accordance with approved plans, the discrepancies shall be reported immediately to the RE, CBO and CPM. EPC must prepare a written report detailing all discrepancies, non-compliance items, and proposed corrective action to the CBO/CPM.	RE shall transport to the CBO and CPM a NCR and the proposed corrective action for review and approval. Within 5 days of resolution, EPC must submit details of correction action to the CBO and CPM.	Within 5 days of discovery of any discrepancies	As required	KIEWIT	9/2/2011 9/13/2011 9/23/2011 10/14/2011 10/17/2011 10/24/2011		9/2/2011 Submitted NCT-001, 9/13/2011 Submitted NCR-2,3,4 9/23/2011 Submitted NCR-5 Submitted additional information for NCR 3&4 10/14/2011 Submitted additional information
CONS	CIV-4	After completion of finished grading and erosion and sedimentation control and drainage facilities, the Project Owner shall obtain the CBO's	Submit to the CBO for review and approval the final grading plans (including final changes) and the responsible civil	Within 30 days of completion of work	5/1/13	KIEWIT			
PC-1	CUL-1a	Obtain the services of a Cultural Resources Specialist (CRS), and one or more alternate CRSs, if alternates are needed	Submit resumes to the CEC CPM for review and approval.	At least 30 days prior to start of ground disturbance	12/2/10	GenOn	9/29/10	2010-1261 returned 10/4/10	Approved 10/4/2010 Approved Karin Beck as ACRS 2/24/12
CONS	CUL-1b	Submit the resume of the proposed new CRS to the CPM for review and approval. Also provide the new CRS with copies of the AFC, data responses, confidential reports, and maps and drawings showing the footprint of the power plant	Provide the required written documentation to the CPM.	At least 10 days prior to a termination or release of the CRS or within 10 days	As required	GenOn			
PC-1	CUL-1c	Provide a letter naming anticipated CRMs for the project and stating that the identified CRMs meet the minimum qualifications for cultural resources monitoring required by this Condition.	Provide the required written documentation to the CPM.	At least 20 days prior to ground disturbance	12/12/10	GenOn	10/7/2010 8/31/11 9/13/2011 11/14/2100 11/30/2011	10/12/2010	Approved 10/12/2010 Submitted Ms. Kathleen Kubal
CONS	CUL-1d	Submit the resumes of the technical specialists to the CPM for review and approval.	Provide the required written documentation to the CPM.	At least 10 days prior to technical specialists beginning new tasks	As required	CULTURAL SPECIALIST			
PC-1	CUL-1e	Confirm in writing to the CPM that the approved CRS will be available for onsite work and is prepared to implement cultural resources conditions.	Provide the required written documentation to the CPM.	At least 10 days prior to the start of ground disturbance	12/22/10	GenOn	10/7/10	2010-1261	Approved (No Date Given)
PC-1	CUL-2a	Provide to the CRS, if the CRS has not previously worked on the project, copies of the AFC, data responses, confidential cultural resources reports, all supplements and the SA for the project. Also provide site maps and drawings for cultural resource planning activities.	Provide requested into to the CRS.	At least 30 days prior to the start of ground disturbance	12/2/10	GenOn	12/10/10	2010-1831	Approved (No Date Given)
CONS	CUL-2b	Provide to the CRS and CPM a schedule of project activities for the following week, including the identification of area(s) where ground disturbance will occur during that week.		Weekly during construction	Weekly	KIEWIT			

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PC-1	CUL-3a	Submit the Cultural Resources Monitoring and Mitigation Plan (CRMMP), as prepared by the CRS. (See condition for specific requirements.)	Submit the entire CRMMP to the CEC CPM for review and approval.	At least 30 days prior to ground disturbance	12/2/10	CULTURAL SPECIALIST	10/26/2010 Revised 11/2/2010	2010-1485 2010-1566	Approved 1/11/2011
PC-1	CUL-3b	Agree to pay curation fees for any materials collected as a result of the archaeological investigations (survey, testing, data recovery)	Provide the required written documentation to the CPM.	At least 30 days prior to ground disturbance	12/2/10	GenOn	10/26/10	2010-1485	Approved 1/11/2011
CONS	CUL-4a	If any archaeological monitoring or data recovery activities are conducted during project construction, submit a final Cultural Resources Report (CRR).	Provide the required written documentation to the CPM for review and approval.	Within 90 days after completion of landscaping	6/30/13	CULTURAL SPECIALIST			
CONS	CUL-4b	If cultural materials requiring curation were collected, provide to the CPM a copy of an agreementor other written commitment form.	Provide the required written documentation to the CPM.	Within 90 days after completion of landscaping	6/30/13	CULTURAL SPECIALIST			
CONS	CUL-4c	Provide documentation to the CPM confirming that copies of the final CRR have been provided to the SHPO, the CHRIS, the curating institution,	Provide the required written documentation to the CPM.	Within 10 days after CPM approval of CRR	CEC Dependant	CULTURAL SPECIALIST			
CONS	CUL-4d	If the project is suspended, submit a draft CRR to the CPM for review and approval.	Provide the required written documentation to the CPM for review and approval.	Within 30 days after requesting a suspension	As required	CULTURAL SPECIALIST			
PC-1	CUL-5a	The CRS shall prepare a WEAP that addresses all issues specified in Condition and provided training to all new workers within their first week of employment at the project site, laydown areas,	Provide the draft text and graphics for the training program to the CPM for review and approval.	At least 30 days prior to ground disturbance	12/2/10	CULTURAL SPECIALIST	10/26/2010 1/26/2011	2010-1362	Approved 12/10/2010 Submitted WEAP
CONS	CUL-5b	Provde the WEAP Training Acknowledgement forms of workers who have completed the training in the prior month and a running total of all persons who have completed training to date.	Include a running total in MCR.	Monthly	Include in the MCR	KIEWIT			
CONS	CUL-6a	Ensure that CRS, alternate CRS or CRMs monitor full time all ground disturbances at project site along the linear facilites routes, and laydown areas, roads, and other ancillary areas. And Ensure that the CRMs kee a daily log of any	As long as no cultural resources are found, Provide daily a statement that "no cultural resources over 50 years of age were discovered" to the CPM as an e-mail	Daily	Daily	CULTURAL SPECIALIST			
CONS	CUL-6b	Submit monthly monitoring summary reports of cultural resources related monitoring, created by the CRS as required by the condition.	Include in each MCR a copy of the monthly summary report of cultural resources-related monitoring prepared by the CRS and attach any new DPR 523 A forms completed	Monthly	Include in the MCR	CULTURAL SPECIALIST			
CONS	CUL-6c	Notify CEC prior to changing or eliminatinating monitoring.	Provide letter or email to CPM for review and approval detailing justification for changing or eliminating monitoring.	At least 24 hours prior to changing level	As required	CULTURAL SPECIALIST			

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CONS	CUL-6d	A Native American monitor shall be obtained to monitor ground disturbance in areas and at depths, if any, where the CUL-1 geoarchaeological study identified the potential for buried prehistoric archaeological deposits and anywhere else that if Native American artifacts are encountered during ground disturbance.	Provide the required written documentation to the CPM.	No later than 30 days after discovery	As required	CULTURAL SPECIALIST			
CONS	CUL-6e	Submit any comments or information provided by Native Americans in response to the project owner's transmittals of information.	Provide the required written documentation to the CPM.	Within 15 days of receipt	As required	GenOn			
PC-1	CUL-7a	Grant authority to halt construction to the CRS, alternate CRS and the CRMs in the event previously unknown cultural resource sites or materials are encountered, or if known resources may be impacted in a previously unanticipated manner (discovery).	Provide the CPM and CRS with a letter confirming that the CRS, alternate CRS and CRMs have the authority to halt construction activities in the vicinity of a cultural resource discovery, and that the project owner shall ensure that the CRS notifies the CPM within	At least 30 days prior to ground disturbance	12/2/10	GenOn	10/26/10	2010-1487	Approved 1/11/2011
CONS	CUL-7b	Ensure the CRS notifies all Native American groups that expressed a desire to be notified in the event of a discovery and complete a DPR 523 forms as specified in the condition	Unless discovery is treated presciptiibley, Submitt completed DPR 523 forms to CPM for review and approval	Within 24 hours of discovery (48 to notify Native American groups)	As required	CULTURAL SPECIALIST			
CONS	CUL-8	If soils must be acquired from a non commercial borrow site, the CRS shall survey the borrow site for cultural resources and record on DPR 523 forms and that are identified and convey the results and recommendation for further action to the CPM	Notify the CRS and CPM as soon as it is known that non commercial borrow site will be used and provide documentation of previous archaeological surveys. If none available site must be surveyed 30 days before any soil borrow activates and submit the survey and recommendation to the CPM.	At least 30 days prior to and non commercial site borrow activities	As required	CULTURAL SPECIALIST			
CONS	ELEC-1	Prior to the start of any increment of electrical construction for electrical equipment and systems 480 volts and higher, with the exception of underground duct work and any physical layout drawings and drawings not related to code compliance and life safety, submit for CBO design review and approval the proposed final design, specifications and calculations.	Submit to the CBO for design review and approval the items listed in this condition	At least 30 days prior to start of construction of each increment of electrical construction	As required	KIEWIT			
CONS	GEN-1	Design, construct, and inspect the project in accordance with the codes listed in the condition.	The project owner shall submit to the CPM and the CBO a statement of verification, signed by the responsible design engineer, attesting that all designs, construction, installation, and inspection requirements of the applicable LORS and the Energy	Five (5) days prior to requesting the issuance of the certificate of occupancy	3/1/13	KIEWIT			

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PC-2	GEN-2a	Furnish the CPM and the CBO with a schedule of facility design submittals, and master drawings and master specifications list. The master drawings and master specifications list shall contain a list of proposed submittal packages of	Submit to the CBO and to the CPM the schedule, and the master drawings and master specifications list of documents to be submitted to the CBO for review and approval.	At least 60 days prior to the start of rough grading	1/31/11	KIEWIT	11/19/2010 1/4/11 to the CBO	2010-1726	Approved 12/15/2010
CONS	GEN-2b	Furnish the CPM and the CBO with an updated schedule of facility design submittals	Provide schedule updates in the monthly compliance report	Monthly	Include in the MCR	KIEWIT			
CONS	GEN-3	Make payments to the CBO for design review, plan check and construction inspections based upon a reasonable fee schedule to be negotiated between NCPA and the CBO.	Send copy of CBO's receipt of payment to CPM in next MCR indicating applicable fees have been paid.	Monthly	Include in the MCR	GenOn			
PC-2	GEN-4	Assign a California registered architect, or a structural or civil engineer as the resident engineer (RE) in charge of the project.	Submit to the CBO for review and approval, the resume and registration number of the RE and any other delegated engineers assigned to the project. Notify the CPM of the CBO's approvals of the RE and other delegated engineer(s) within five days of the approval.	At least 30 days prior to start of rough grading	3/2/11	KIEWIT	12/3/2010; To CBO 1-26-11	2010-1785	Approved (No Date Given)
PC-2	GEN-5	Assign at least one of each of the following California registered engineers to the project: a civil engineer; a soils, geotechnical, or civil engineer experienced and knowledgeable in the practice of soils engineering; and an engineering	Submit to the CBO for review and approval, resumes and registration numbers of the responsible engineers. Notify the CPM of the CBO's approvals of the responsible engineers within five days of the approval.	At least 30 days prior to start of rough grading	3/2/11	KIEWIT	To CBO 1/17/11 To CEC 2/16/2011		CBO Approved 2-16-11 CEC Approved 3/16/2011 Submitted Tharu Nadaraj (Electrical) and Chad
CONS	GEN-6	Assign to the project, qualified and certified special inspector(s) who shall be responsible for the special inspections required by the 2007 CBC.	Submit to the CBO for review and approval, with a copy to the CPM, the name(s) and qualifications of the certified weld inspector(s), or other certified special inspector(s) assigned to the project	At least 15 days prior to start of an activity requiring special inspection	As required	KIEWIT	To CBO 2/2/11 Sent to CE 9/23/2011		CBO Approved 2-24-11 9/23/2011 Sent Quals to CEC for Jay Locatelli, Micah Ek, Jeffrey Brooks, Jason Burris, Ryan Doyel, and Laura Johnson. Also sent CBO approvals for Jahn Sasser, Stanley Silva, and Anselme De Haro

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CONS	GEN-7	If any discrepancy in design and/or construction is discovered in any engineering work that has undergone CBO design review and approval, the project owner shall document the discrepancy and recommend required corrective actions.	Transmit a copy of the CBO's approval of any corrective action taken to resolve a discrepancy to the CPM in the next monthly compliance report. If any corrective action is disapproved, the project owner shall advise the CPM, within five days, of the reason for disapproval and the revised corrective action to obtain CBO's approval.	Monthly	Include in the MCR	KIEWIT			
CONS	GEN-8	Obtain the CBO's final approval of all completed work that has undergone CBO design review and approval. Request the CBO to inspect the completed structure and review the submitted documents. Notify the CPM after obtaining the	Submit to the CBO, with a copy to the CPM, in the next monthly compliance report, (a) a written notice that the completed work is ready for final inspection, and (b) a signed statement that the work conforms to the final	Within 15 days of completion of any work	As required	KIEWIT			
PC-2	GEO-1	Specifically include in the Soils and Engineery Report, laboratory test data, associated geotechnical engineering analyses, and a thorough discussion of the potential for liquefaction and associated lateral spread, and	Include in the application for a grading permit a copy of the Soils Engineering Report which address the potential for liquefaction and associated lateral spread; settlement due to compressible soils	At least 30 days prior to the start of grading	3/2/11	KIEWIT	2/19/2011 to CEC and CBO		Approved 3/28/2011
OPS	HAZ-1	Do not use any hazardous material in any quantity or strength not listed in Appendix B unless approved in advance by the CEC CPM.	Provide to the CPM, in the Annual Compliance Report, a list of hazardous materials contained at the facility.	Annually	Include in the ACR	K&M			
CONS	HAZ-2	Concurrently provide and updated Business Plan, and updated Spill Prevention Control, and Countermeasure Plan, and an updated Risk Management Plan to CCCHSD-HMP) and the CPM for review. Reflect all changes in doc and provide copies to CCCHSD-HMP, CCCFPD and the CPM	Provide a copy of the final updated Business Plan and Updated SPCC plan to CPM for approval. Provide the final RMP to CCHSD-HMP and the CCFPD for information and to the CPM for approval	At least 30 days prior to receiving any hazardous material on site	1/1/13	GenOn			
CONS	HAZ-3	Develop and implement a Safety Management Plan (SMP) for the delivery of aqueous ammonia and other liquid hazmat by tanker truck.	Submit the plan to the CPM for review and approval.	At least 30 days prior to delivery of any hazardous material to the facility	1/1/13	GenOn			
CONS	HAZ-4	Design ammonia storage facility to either ASME Pressure Vessel Code and ANSI K61.6 or to API 620. Tans shall be protected by a secondary containment basin capable of holding 125% of the storage volume	Submit final design drawings and specifications for the ammonia storage tank and secondary containment basin to the CPM for review and approval	At least 60 days prior to delivery of aqueous ammonia	12/2/12	GenOn - Tank Kiewit-Secondary containment	6/19/12		

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CONS	HAZ-5	Direct all vendors delivering aqueous ammonia to the site to use only tanker truck transport vehicles that meet or exceed the specifications of DOT Code MC-307.	Submit copies of notification letter to supply vendors indicating the transport vehicle specs to the CPM for review and approval.	At least 30 days prior to reciept of aqueous ammonia on site	1/31/13	GenOn			
CONS	HAZ-6	Direct all vendors delivering any hazardous material to the site to use only the route approved by the CPM.Obtain approval of the CPM if an	Submit copies of the required transportation route limitation direction to the CPM for review and approval.	At least 60 days prior to reciept of any hazardous	1/1/13	GenOn			
PC-2	HAZ-7	Prepare a site-specific construction security plan for the construction phase which addresses the items in the Condition.	Notify the CPM that a site-specific construction security plan is available for review and approval.	At least 30 days prior to start of construction	3/2/11	KIEWIT	11/24/10	2010-1731	Approved (No Date Given)
CONS	HAZ-8a	Prepare a site-specific security plan for the commissioning and operational phases which addresses all the items in the Condition.	Notify the CPM that a site-specific operations site security plan is available for review and approval.	At least 30 days prior to reciept of hazardous materials on site	1/31/13	GenOn			
OPS	HAZ-8b	Include a statement that all current project employee and appropriate contractor background investigations have been performed, and that updated certification statements have been appended to the operations security plan. Also include a statement that the operations security plan includes all current hazardous materials transport vendor certifications for security plans and employee background investigations.	Provide information for inclusion in annual compliance report.	Annually	Include in the ACR	K&M			
CONS	MECH-1a	MAJOR PIPING & PLUMBING SYSTEMS: Submit for CBO design review and approval the proposed final design, specifications and calculations for each plant major piping and plumbing system listed in the CBO approved master drawing and master specification list.	Submit to the CBO for design review and approval the final plans, specs, and calcs for each major plant piping and plumbing system listed in Facility Design Table 2. including a copy of the signed and stamped statement from the responsible mechanical engineer certifying compliance with LORS	At least 30 days prior to the start of any piping or plumbing construction	As required	KIEWIT			
CONS	MECH-1b	Upon completion of construction of any such major piping or plumbing system, the project owner shall request the CBO's inspection approval of that construction.	Provide the required written documentation to the CPM.	Monthly	Include in the MCR	KIEWIT			
CONS	MECH-2a	PRESSURE VESSELS: Submit for CBO design review and approval the proposed final design, specifications and calculations for each plant pressure vessel listed in the CBO approved master drawing and master specification list.	Submit to the CBO for design review and approval the final plans, specs, and calcs, including a copy of the signed and stamped statement from the responsible mechanical engineer certifying compliance with LORS	At least 30 days prior to start of onsite fabrication or installation of any pressure vessel	As required	KIEWIT			

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CONS	MECH-2b	Upon completion of construction of pressure vessels, the project owner shall request the CBO's inspection approval of that construction.	Provide the required written documentation to the CPM.	Monthly	Include in the MCR	KIEWIT			
CONS	MECH-3	HVAC SYSTEMS: Submit for CBO design review and approval the proposed final design, specifications and calculations for each HVAC system listed in the CBO approved master	Submit the calcs, plans, and specs to the CBO, including a copy of the signed and stamped statement from the responsible mech engr certifying compliance with CBC	At least 30 days prior to start of construction of any HVAC or refrig	As required	KIEWIT			
PC-1	NOISE-1	Notify all residents within one mile of the site and one-half mile of the linear facilities, by mail or other effective means, of the commencement of project construction. Establish a telephone number for use by the public to report any undesirable noise conditions associated with the construction and operation of the project and include that telephone number in the above notice. The telephone number shall be posted at	Transmit to the CPM a statement, signed by the project owner's project manager, stating that the above notification has been performed and describing the method of that notification, verifying that the telephone number has been established and posted at the site, and giving that telephone number.	At least 15 days prior to the start of ground disturbance	12/17/10	GenOn	12/14/10	2010-1903	Approved (No Date Given)
CONS	NOISE-2	Throughout the construction and operation of the project, document, investigate, evaluate, and attempt to resolve all project-related noise complaints. Noise Complaint Resolution process will be used.	File a Noise Complaint Resolution Form with the City and the CPM documenting resolution of the compliant.	Within 5 days of receiving a noise compliant	As required	K&G	2/4/11		Received noise complaint 1/31/2011. Submited form to the CEC 2/4/2011
PC-1	NOISE-3	Submit a noise control program and statement signed by project manager verifying that noise control program will be implemented throughout construction of the project. The noise control	Submit a noise control program and project manager's verification letter to the CEC CPM for review and approval.	At least 30 days prior to ground disturbance	12/2/10	KIEWIT	11/19/10	2010-1727	Approved 12/15/2010
COMM	NOISE-4a	Project design will include noise mitigation measures to ensure that noise levels due to operation of the project alone will not exceed an hourly average of 54 dBA at or near LT-1 and 45 dBA at or near LT-2; No single piece of equipment shall be allowed to stand out as a source of noise that draws legitimate complaints.	Conduct a community noise survey at monitoring location LT-1, LT-2, or at a closer location acceptable to the CPM. This survey during the power plant's full-load operation shall also include measurement of one-third octave band sound pressure levels.Conduct a survey of noise at monitoring locations.	Within 30 days of project's first achieving a sustained output of 85% or greater of rated capacity	5/31/13	KIEWIT			
COMM	NOISE-4b	Submit a summary report of the survey to the CPM. Included in the survey report shall be a description of any additional mitigation measures necessary to achieve compliance with the above listed noise limit, and a schedule, subject to CPM	Submit required info to the CPM.	Within 15 days after completing noise survey	6/15/13	KIEWIT			

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COMM	NOISE-5	Conduct an occupational noise survey to identify the noise hazardous areas in the facility when plant reaches 85% of rated capacity or greater	Prepare a report of the survey results and, if necessary, identify proposed mitigation measures that will be employed to comply with the applicable California and federal regulations.	Within 30 days after completing survey	6/30/13	KIEWIT			
PC-1	NOISE-6	Heavy equipment operation and noisy construction work relating to any project features, including pile driving, shall be restricted to the times delineated below, unless a waiver has been	Transmit to the CPM a statement, signed by the project owner's project manager, acknowledging that the above restriction will be observed throughout the the construction of	Prior to Ground Distrubance	12/2/10	KIEWIT	11/19/2010 5/5/2011 5/19/2011	2010-1728	Approved 12/15/2010 4/22/2011
PC-1	PAL-1a	Provide the CPM with the resume and qualifications of the Paleontological Resource Specialist (PRS) for review and approval.	Submit the resume, references, and statement of availability to the CPM for review and approval.	At least 60 days prior to ground disturbance	11/2/10	GenOn	9/29/2010 4/22/2011	2010-1260 10/5/2010	Approved 9/30/2010 New Monitor Annette
PC-1	PAL-1b	Provide a letter with resumes naming anticipated monitors stating they meet mimimum quals for monitoring.	Submit the requested info to the CPM .	At least 20 days prior to ground disturbance	12/12/10	GenOn	11/2/10	2010-1565	Approved (No Date Given)
PC-1	PAL-2	Provide to the PRS and the CPM, for approval, maps and drawings showing the footprint of the power plant, construction laydown areas and all related facilities.	Provide maps and drawings to the PRS and CEC CPM	At least 30 days prior to ground disturbance	12/2/10	GenOn	12/2/10		Approved (No Date Given)
PC-1	PAL-3	The PRS shall prepare and submit a Paleontological Resources Monitoring and Mitigation Plan (PRMMP) to identify general and specific measures to minimize potential impacts to significant paleontological resources.	Provide the PRMMP to the CEC CPM, including an affidavit of authorship by the PRS and acceptance of the PRMMP by the project owner evidenced by a signature.	At least 30 days prior to ground disturbance	12/2/10	PRS	11/4/2010 Final 12/14/2010	2010-1577	Ammended 7/26/10 Affidavit not required. Approved 12/21/2010
PC-1	PAL-4	If deemed needed, the PRS shall prepare and conduct weekly CPM-approved training for all project managers, construction supervisors and workers who are involved with or operate ground disturbing equipment or tools.	Provide the WEAP materials to the CPM including: brochure, reporting procedures, script, and final video.	At least 30 days prior to ground disturbance	12/2/10	PRS	10/26/2010 1/26/2011	2010-1489	APPROVED ON GOING 11/29/2010 Submitted WEAP training video
CONS	PAL-5	Ensure that the PRS and PRM(s) monitor consistently with the PRMMP, all construction-related grading, excavation, trenching, and auguring in areas where potentially fossil-bearing materials have been identified.	Paleo monitors shall provide monthly summaries for inclusion in MCR.	Monthly	Include in the MCR	PRS			
CONS	PAL-6	Through the designated PRS, ensure that all components of the PRMMP are adequately performed (see list of activities included in Condition).	Maintain in compliance file copies of signed contracts or agreements with the designated PRS and other qualified research specialists. Maintain these files for a period of three years after completion and approval	As required	As required	PRS			
CONS	PAL-7	Ensure preparation of a Paleontological Resources Report (PRR) by the designated PRS to be completed following completion of ground disturbing activities.	Submit the PRR under confidential cover to the CPM.	Within 90 days after completion of ground disturbing activities	6/30/13	PRS			

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PC-2	SOCIO-1	Pay the one-time statutory school development fee to the Antioch Unified School District as required by Education Code Section 17620	Provide the CPM proof of payment of the fee	At least 30 days prior to start of project construction	3/2/11	GenOn	2/4/2011 2/2/2012		Approved (No Paperwork Given) Submited additional payment 2/2/2012
PC-1	Soil & Water-1a	Coordinate with the Water Board as necessary develop and implement a construction SWPPP	Submit to the CPM copies of all correspondence with the Water Control Board regarding the SWPPP within 10 days of receipt.	No later than 30 days prior to start of site mobilization	12/2/10	KIEWIT	1/5/11		Approved (No Date Given)
PC-1	Soil & Water-1b	Develop and implement a Storm Water Pollution Prevention Plan (construction SWPPP) for the LEC site, laydown areas, and on-site linear facilities. Submit to the CPM a copy of the construction SWPPP. Info should include a copy of the Notice of Intent for Compliance with the General NPDES permit	Submit to the CPM a copy of the NOTICE OF INTENT FOR COMPLIANCE with the General NPDES permit.	No later than 60 days prior to site mobilization	11/2/10	KIEWIT	1/5/11		Approved (No Date Given)
PC-1	Soil & Water-2a	Obtain CPM approval for a site- specific Drainage, Erosion, and Sedimentation Control Plan (DESCP)	Submit a copy of the DESCP to the CPM along with evidence from Contra Costa County that the DESCP meets the requirements of Contra Costa Clean Water Program.	No later than 30 days prior to the start of site mobilization	12/2/10	KIEWIT	1/24/11	2011-0158	Approved (No Paperwork Given)
PC-2	Soil & Water-2b	Coordinate with Contra Costa County to ensure that the DESCP meets local requirements for a post-construction Storm Water Control Plan.	The DESCP shall meet local requirements for a post-construction Storm Water Control Plan.	No later than 30 days prior to the start of construction.	3/2/11	KIEWIT	2/19/11		Approved 3/28/2011
CONS	Soil & Water-2c	Monitor and Maintain effective drainage, erosion and sediment control measures during construction	Provide Analysis of effectiveness of drainage, erosion and sediment control measures and the results of monitoring and maintain activities in MCR	Monthly	Include in the MCR	KIEWIT			
CONS	Soil & Water-3	If groundwater is encountered during construction or operation: comply with the requirements of the CVRWQCB Order NO. R5-2008-0081 for Waste Discharge Requirements for Dewatering and Other Low threat Discharges to Surface Waters.	Submit a complete Notice of Intent (NOI) to obtain coverage under CVRWQCB Order No. R5-2008-0081. Submit copies to the CPM of all correspondence between the project owner and the CVRWQCB regarding Order No. R5-2008-0081 within 10 days of its receipt or submittal.	Prior to any groundwater discharge or dewatering activities	As required	KIEWIT	11/9/2011 11/23/2011 5/10/2013		Provided NOI from RWB 11/9/2011. Addnl 11/23/2011

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CONS	Soil & Water-4	Comply with the requirements of the General National Pollutant Discharge Elimination System (NPDES) Permit for Discharges of Storm Water Associated with Industrial Activity (WQO 97-03-DWQ).	Develop andsubmit an Industrial SWPPP for the operation of the MLGS. Submit copies to the CPM of all correspondence between the project owner and the Central Valley Regional Water Quality Control Board regarding the industrial SWPPP within 10 days of its receipt or submittal.	Prior to commercial ops	5/1/13	GenOn			
CONS	Soil & Water-5a	Provide 2 copies of the executed Waste Water Discharge Agreement with DDSD for the long term discharge of all watewater streams for the MLGS to DDSD wastewater treatment facilites. Shall specify Peak dischage rate of 118 gpm. Do not connect to City of Antioch's wastewater pipline along Wilbur Ave w/o the final agreement in place and submitted to CPM	Submit 2 copies of the of the executed agreement for the discharge of wastewater form the MLGS	No later than 60 days prior to connection the DDSD wastewater pipline	9/1/11	GenOn	3/12/12		
OPS	Soil & Water-5b	During operation an monitoring reports providied to DDSD shall also be provided to the CPM.	Submit any wasterwater quality monitoring reports required by DDSD, and a full explanation of corrective actions taken if a violation occurs to the CPM in the annual compliance report	Annually	Include in the ACR	GenOn			
OPS	Soil & Water-5c	Notify the CPM of any violations of discharge limits	Submit any notice of violations from DDSD to the CPM and fully explain the corrective actions taken in the annual compliance report	Within 10 days of of receipt of violation	As required	GenOn			
CONS	Soil & Water-6a	Install and Maintain metering devices as part of the water supply and distribution system to monitor and record in gallons per the volume of ground water and potable water supplied to the MLGS.	Submit Evidence to the CPM that metering devices have been installed and are operational on groundwater wells, potable eater and recycled water (if applicable) pipelines serving the project.	At least 60 days prior to use of any water source for operation	1/1/13	KIEWIT			

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OPS	Soil & Water-6b	Monitor and track the water use by operating the water metering devices for the life of the project. Differentiate between groundwater, potable water, and recycled water. Water use should not exceed 50 AFY from any source	Provide (1)a report on the service testing and calibration of the metering devices, (2)a water use summary report which is based on and distinguished between groundwater, potable water and recycled water, (3) Copies of meter records for the City of Antioch documented the volume of potable water supplied over the previous year as specified (4) Brackish groundwater sample laboratory test results (in years where ground water is used) (5) data or info describing the water conservation program w/ estimates of the annual water saved in the ACR	Annually	Include in the ACR	GenOn			
CONS	Soil & Water-6c	Provide evidence to the CPM that the City has agreed to supply emergency backup water to the project in sufficient quantities to meet the projects needs at a flow rate comparable with the flow rate provide by one on site well	Submit to the CPM evidence that city water meters are installed and are operational. And proof that the City can deliver alternative water the site in the event of an emergency interruption at a flow rate of 420gpm	No later than 30 days prior to installing a connection to the City of Antioch potable water main	9/1/11	GenOn	9/29/2011 Additional submittal 10/11/2011		Provided copies of correspondence regarding supply of city water.
CONS	Soil & Water-6d	If Primary Alternative water source is approved by CPM to be City of Antioch Fresh Water Supply. (1)Pay fee equal to no more than $1,000/ AF of City of Antioch Water consumed annually. (2) A payment of $15,000 shall be made to the city to offset water used during construction.	Provide evidence that brackish groundwater is environmentally undesirable or economical unsound. Provide proof that the initial water conservation fee of $15,000 was paid to the city of Antioch.	Prior to site operations	4/1/13	GenOn	9/29/11		Provided evidence of $15,000 payement to the city.
OPS	Soil & Water-6e	If Primary Alternative water source (City of Antioch Water) is being used in operation, Pay an annual fee of $1,000/ AF of City of Antioch Water consumed annually	Calculate the annual use payment at the rate of $1,000/ AF of fresh water reported annual in in the ACR. Pay the amount confirmed by the CPM	No later than 60 days following the approval of the ACR	As required	GenOn			
CONS	STRUC-1a	Prior to the start of any increment of construction, submit to the CBO for design review and approval the proposed lateral force procedures for project structures and equipment identified in the CBO-approved master drawing and master specification list. Must include items within this condiditon	Construction of any structure or component shall not begin until the CBO has approved the lateral force procedures to be employed in designing that structure or component. Submit to the CBO the final design plans, specs and calcs with a copy of the transmittal letter to the CPM.	At least 60 days prior to start of any structure or component listed in Facility Design Table 2 of GEN-2	As required	KIEWIT			

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Sort Code	Cond. #	Description of Project Owner's Responsibilities	Verification/Action/Submittal Required by Project Owner	Timeframe	Date Due to CEC CPM	Lead Party	Date sent to CEC, CBO or agency	CEC Log # and Status	Comments
CONS	STRUC-1b	Submit to the CPM a copy of a statement from the CBO that the proposed structural plans, specifications, and calculations have been approved and comply with the requirements set forth in applicable engineering LORS.	Submit required info to the CPM.	Monthly	Include in the MCR	KIEWIT			
CONS	STRUC-2	Submit to the CBO the required number of sets of the documents related to work that has undergone CBO design review and approval related to concrete cylinder strength test reports and pour sign-off sheets, bolt torque and field weld inspection reports, and other reports	If discrepancies are found, within 5 days the Project Owner shall prepare and submit an NCR to the CBO with a copy of the transmittal letter to the CPM. Within 5 days of resolution, the Project Owner shall submit a copy of the correction action to the CBO	As required	As required	KIEWIT			
CONS	STRUC-3	Submit to the CBO design changes to the final plans required by the CBC, including the revised drawings, specifications, calculations, and a complete description of, and supporting rationale for, the proposed changes, and shall give to the CBO prior notice of the intended filing.	Notify the CBO of the intended filing of design changes, and notify the CPM in the MCR of the CBO's approval of the revised plans.	Monthly	Include in the MCR	KIEWIT			
CONS	STRUC-4	Tanks and vessels containing quantities of toxic or hazardous materials exceeding amounts specified in the 2007 CBC shall, at a minimum, be designed to comply with the requirements of that chapter.	Submit to the CBO for design review and approval the final plans, specs, and calcs, including a copy of the signed and stamped statement from the responsible engineer certifying compliance with LORS	At least 30 days prior to the start of installation of the tanks or vessels	As required	GenOn - Ammonia Tank KIEWIT - All Other			
CONS	TLSN-1	Construct the proposed transmission line according to the requirements of California Public Utility Commission's GO-95, GO-52, GO-131-D, Title 8, and Group 2, High Voltage Electrical Safety Orders, Sections 2700 through 2974 of the California Code of Regulations, and Pacific Gas and Electric's EMF-reduction guidelines.	Submit to the CPM a letter signed by a CA registered EE affirming that the line will be constructed according to the requirements set forth in the Condition.	At least 30 days prior to starting construction of proposed new lines	4/1/12	KIEWIT			
CONS	TLSN-2	Every reasonable effort will be made to identify and correct, on a case-specific basis, any complaints of interference with radio or TV signals from operation of the proposed line and associated switchyard.	Submit to the CPM a letter signed by a CA registered EE affirming the project owners intention to comply with this requirment.	At least 30 days before starting operation of either line option	8/25/12	KIEWIT			
CONS	TLSN-3	Use a qualified individual to measure the strengths of the electric and magnetic fields from the line at the points of maximum intensity along the proposed route. The measurements shall be made before and after energization according to ANSI/IEEE standard procedures. These measurements shall be completed not later than six months after the start of operations.	File copies of the pre-and post-energization measurements with the CPM.	Within 60 days after completion of measurements	10/28/13	KIEWIT			

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CONS	TLSN-4	Ensure that the rights-of-way of the proposed transmission line are kept free of combustible material, as required under the provisions of Section 4292 of the Public Resources Code and Section 1250 of Title 14 of the California Code of	Transmit to the CPM a letter affirming the intention to comply with this condition.	At least 30 days before the start of operations	4/1/13	GenOn			
CONS	TLSN-5	Ensure that all permanent metallic objects within the right-of-way of the project-related lines are grounded according to industry standards regardless of ownership.	Transmit to the CPM a letter confirming compliance with this condition.	At least 30 days before lines are energized	8/25/12	KIEWIT			
PC-1	TRANS-1	In coordination with Contra Costa County Public Works Department, develop and implement a construction traffic control plan to include the items specified within the condition	Provide CCCPW and the city of Antioch Engineering Department for review and comment the construction traffic control plan. Provide to the CPM the construction control plan and the CCPW and the City of	At least 60 days prior to the start of site mobilization	11/2/10	KIEWIT	11/18/2010 1/5/2011 1/31/2011	2010-1685 2011-0219	Returned for addional Informatio 12/13/2010. Resubmitted 1/5/2011 Resubmitted additional information 1/31/2011
PC-1	TRANS-2a	Prepare a mitigation plan for Wilbur Ave should it be damaged by project construction. Should ensure that if damage occurs it will be repaired to original condition. The plan include the condition specified items (Photographic/videotape evidence of pre construction condition is req)	Submit a mitigation plan focused on restoring the local identified roads to is pre-project condition to the City of Antioch for review and comment and to the CPM for Review and approval.	At least 90 days prior to the start of any site (or related facilities) mobilization	10/3/10	KIEWIT	11/18/10	2010-1686	Approved 2/4/2011 No Paperwork Given
CONS	TRANS-2b	Restore any area of Wilbur Ave that were damaged during construction to their original condition.	Provide photo/ videotape documentation to the CCCPW and the City of Antioch Engineering Department and the CPM that any damaged areas have been restored.	Within 90 days following the completion of construction	6/30/13	KIEWIT			
CONS	TSE-1	Provide the CPM and CBO with a schedule of transmission facility design submittals, a master drawing list, a master specifications list, and a major equipment and structure list as indicated in the condition.	Provide info to CBO and CPM.	At least 60 days prior to start of transmission line construction.	3/2/12	KIEWIT	10/21/11		
PC-2	TSE-2	Assign an electrical engineer and at least one of each of the following: a civil engineer; geotechnical engineer or a civil engineer experienced and knowledgeable in the practice of soils engineering; a design engineer who is either a structural engineer or a civil engineer and fully	Submit names, resumes, quals, and registration numbers of all engineers assigned to the project to the CBO for review and approval. (If any are replaced, new resumes must be submitted.)	Prior to start of rough grading	3/2/11	KIEWIT	To CBO 1-27-11 To CEC 2/16/2011 8/15/2011 9/29/2011	Verballty approved (C.H.)	CBO Approved 2-16-11 CEC Approved 3/16/2011 Submitted Reid
CONS	TSE-3	If any discrepancy in design and/or construction is discovered in any engineering work that has undergone CBO design review and approval, the project owner shall document the discrepancy and recommend corrective action. The discrepancy documentation shall become a	Submit a copy of the CBO's approval or disapproval of any corrective action taken to resolve a discrepancy to the CPM.	Within 15 days of receipt	As required	KIEWIT			

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CONS	TSE-4	For the power plant switchyard, outlet line and termination, construction shall not begin until plans for that increment of construction have been approved by the CBO. These plans, together with design changes and design change notices, shall remain on the site for one year after	Submit to the CBO for review and approval the final design plans, specifications and calculations	Before the start of each increment of construction	As required	K&G			
CONS	TSE-5a	Design, construct, and operate the proposed transmission facilitiesin conformance with all applicable LORS, and the requirements listed in the condition.	Submit to the CBO: a) Design drawings, specifications, and calculations conforming with CPUC General Order 95 or National Electric Safety Code (NESC); Title 8 of the California Code and Regulations (Title 8); Articles 35, 36 and 37 of the *High Voltage Electric Safety Orders* , CA ISO standards, National Electric Code (NEC) and related	Prior to start to start of construction of the transmission facilities	5/1/12	KIEWIT			
CONS	TSE-5b	Provide electrical one-line diagrams signed and sealed by the registered professional electrical engineer in charge, a route map, and an engineering description of the equipment and configurations covered by requirements TSE-5 a) through j),	b) For each element of the transmission facilities identified above, the submittal package to the CBO shall contain the design criteria, a discussion of the calculation method(s), a sample calculation based on "worst case conditions"1 and a statement	Prior to start to start of construction of the transmission facilities	5/1/12	KIEWIT			
CONS	TSE-5c	Provide the final Detailed Facility Study (DFS) including a description of facility upgrades, operational mitigation measures, and/or special protection system sequencing and timing if applicable.	c) Electrical one-line diagrams signed and sealed by the registered professional electrical engineer in charge, a route map, and an engineering description of the equipment and configurations covered by requirements **TSE-5** a) through f);	Prior to start to start of construction of the transmission facilities	5/1/12	KIEWIT			
CONS	TSE-5d	Provide the executed project owner and California ISO facility interconnection agreement.	d) The Special Protection System (SPS) sequencing and timing if applicable shall be provided concurrently to the CPM.	Prior to start to start of construction of the transmission facilities	5/1/12	GenOn			
CONS	TSE-5e	Provide evidence showing coordination with the affected agencies and utilities including but not limited to Western Area Power Administration and Lodi Electric Utility.	e) A letter stating that the mitigation measures or projects selected by the transmission owners for each reliability criteria violation, for which the project is responsible, are acceptable.	Prior to start to start of construction of the transmission facilities	5/1/12	GenOn			
CONS	TSE-5f	Inform the CPM and CBO of any impending changes which may not conform to the requirements of TSE-05 and request approval to implement such changes.	f) The final Phase II Interconnection Study, including a description of facility upgrades, operational mitigation measures, and/or special protection system sequencing and timing if applicable, and.	Prior to start to start of construction of the transmission facilities	5/1/12	GenOn	3/2/12		
CONS	TSE-5g	Provide a copy of the executed LGIA signed by the California ISO and the Project Owner.	g) A copy of the executed LGIA signed by the California ISO and the project owner. Prior to the start of construction of or modification of transmission facilities, the project owner shall inform the CBO and the CPM of any anticipated changes to the	Prior to start to start of construction of the transmission facilities	5/1/12	GenOn	3/2/12		

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CONS	TSE-5h	Inform the CPM and CBO of any impending changes which may not conform to the requirements of TSE-05 and request approval to implement such changes.	Inform the CBO and CPM of any impending changes.	Prior to start to start of construction of the transmission facilities	5/1/12	KIEWIT			
CONS	TSE-6	Provide notice to the Cal-ISO prior to synchronizing the facility with the California transmission system:	Provide notice to the Cal-ISO prior to synchronizing the facility with the California transmission system:	One week prior to initial synchronization w/ the grid	9/17/12	GenOn			
CONS	TSE-7	Inspect the transmission facilities during and after project construction, and for any subsequent CPM- and CBO-approved changes, to ensure conformance with CPUC General Order 95 or National Electric Safety Code (NESC); Title 8 of the California Code and Regulations (Title 8); Articles 35, 36 and 37 of the High Voltage Electric Safety Orders, California ISO standards, National Electric Code (NEC) and related industry standards.	Transmit to the CPM and CBO: "As built" engineering description(s) and one-line drawings of the electrical portion of the facilities signed and sealed by the registered electrical engineer in charge; a statement verifying conformity with the standards set forth in Condition; "as built" engineering description of the mechanical, structural, and civil portion of the transmission facilities signed and sealed by the registered engineer in charge or an acceptable alternative verification; and a summary of inspections of the completed transmission facilities, and identification of any nonconforming work and corrective actions taken, signed and sealed by the registered engineer in charge.	Within 60 days after first synchronization to the grid	6/30/12	KIEWIT			
CONS	VIS-1a	Develop a treatment plan for the surfaces of all project structures and buildings visible to the public as specified in the condition.	Submit the proposed treatment plan to the CPM for review and approval and simultaneously to the CCC or responsible jurisdiction for review and comment. Any modifications must be sent to the CPM for approval	At least 90 days prior to specifying the vendor the colors and finishes of the first structures or building that are	12/1/10	K&M	5/19/2011 6/6/2011		Submitted plan per Condition on 5/19/2011 Submitted Hard Copies to Dawn Owens for submission to the City and County on 5/19/2011. Based on
CONS	VIS-1b	Treat the surfaces of all project structures and buildings visible to the public as specified in the condition.	Notify the CPM that the surface treatment of all listed structures and buildings has been completed and is ready for inspection and submit electronic color photographs taken	Prior to start of commerical operation	5/1/13	KIEWIT			
OPS	VIS-1c	Ensure proper treatment maintenance for the life of the project.	Provide a status report regarding surface treatment maintenance in the ACR which specifies the items in the condition	Annually	Include in the ACR	GenOn			
CONS	VIS-2a	Develop a landscaping plan which would Provide landscaping that reduces the visibility of the power plant structures and complies with local policies and ordinances	Submit landscaping plan to the CPM for review and approval and simultaneously to CCC for review and comment.	At least 90 days prior to installation	1/1/13	GenOn			

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CONS	VIS-2b	Provide landscaping that reduces the visibility of the power plant structures and complies with local policies and ordinances.	Simultaneously notify the CPM and CCC after the completion of the landscaping that the site is ready for inspection.	Within 7 days after completing landscaping	2/1/13	GenOn			
OPS	VIS-2c	Maintain landscaping, including any needed irrigationa nd annual or semi annual debris removal for the life of the project	Report landscaping maintence activites, including replacement of dead or dying vegetation for the previous year of operation in the ACR	Annually	Include in the ACR	GenOn			
CONS	VIS-3a	Design and install all permanent exterior lighting such that (a) lamps and reflectors are not visible from beyond the project site, including any off-site security buffer areas; (b) lighting does not cause excessive reflected glare; (c) direct lighting does not illuminate the nighttime sky; (d) illumination of the project and its immediate	Contact the CPM to discuss the documentation required in the lighting mitigation plan. The project owner shall not order any exterior lighting until receiving CPM approval of the lighting mitigation plan.	At least 90 days prior to ordering any permanent exterior lighting	2/1/13	KIEWIT	3/7/12		The following participated on the call on 3/7/12: Scott Kennedy, Tharu Nadarajah, Greg Zullig, Kelly Zullig (all PKS), David Erendson
CONS	VIS-3b	Prepare a lighting mitigation plan that includes the specific info set forth in the condition.	Submit to the CPM for review and approval and simultaneously to the Contra Costa County for review and comment a lighting mitigation plan.	At least 60 days prior to ordering any permanent exterior lighting	3/1/13	KIEWIT	3/26/12		
CONS	VIS-3c	Notify the CPM that the permanent exterior lighting has been completed and is ready for inspection.	Set up an inspection appointment.	Prior to start of commercial operation	4/1/13	KIEWIT			
CONS	VIS-3d	Notify the CPM of any complaints re: lighting.	Submit a complaint resolution form to the CPM record each lighting complaint and document resolution of that complaint.	Within 48 hours after receiving a complaint	As required	KIEWIT- During Construction GenOn -			
PC-1	WASTE-1a	Comply with BAAQMD Regulation 11, rule 2 req for management and disposal of asbestos contain material removed during project demolition.	Provide to the CPM copies of the BAAQMD notification materials, acknowledgment letter and job number assigned by the BAAQMD for review and approval	No less than 10 day prior to commencement of project related	1/7/11	K&G	1/24/11		Approved 1/31/2011 No Paperwork
CONS	WASTE-1b	Manage asbestos waste during demolition to comply with BAAQMD regulation 11, rule 2	Provide summary report(s) to the CPM on asbestos waste management via MCR to include items specified w/in the condition	Monthly	Include in the MCR	K&G			
PC-1	WASTE-2	Complete a lead-based paint survey of all structures to be demolished and ensure that project related demolition debris contain lead based paint is properly managed and disposed of in accordance with all applicable LORS	Verification: At least 30 days prior to the start of project-related demolition, the project owner shall submit to the CPM for review and approval a copy of the lead-based paint survey conducted for the project site. The project manager shall also provide to the CPM a description of the procedures to be employed during demolition to ensure that lead-based paint debris and wastes are managed in accordance with all applicable LORS.	At least 30 days prior to the start of project-related demolition	12/2/10	GenOn	1/5/11	2011-0137	Approved 1/31/2011 No Paperwork

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PC-1	WASTE-3	Provide the resume of a Registered PE or Geologist, who shall be available for consultation during site characterization (if needed), excavation and grading activities.	Submit resume to CPM for approval. Provide to the CPM a copy of the contract with the approved professional Engineer/Geologist prior to start of project related demolition	At least 30 days prior to site mobilization	12/2/10	KIEWIT	11/24/10	2010-1730	Approved 1/18/2011
CONS	WASTE-4	If potentially contaminated soil is identified during site characterization, excavation, or grading at either the proposed site or linear facilities, as evidenced by discoloration, odor, detection by	Submit any final reports filed by the Professional Engineer or Professional Geologist to the CPM. Project owner must notify the CPM within 24 hours of any orders	Within 5 days of their receipt	As required	KIEWIT	4/15/2011 4/26/2011 10/14/2011		Oily dirt - East side Oily dirt- Middle of Power Block, 11/22/2011 addnl oil on
PC-1	WASTE-5a	Comply with all applicable provisions of the city of Antioch's Construction and Demolition Debris Recycling Ordinance No. 1018- C-S., including preparation of a Construction and Demolition Debris Recycling Ordinance Waste Management Plan for all wastes generated during project	At least 45 days prior to the start of project-related demolition, the project owner shall submit to the city a draft Construction and Demolition Debris Recycling Ordinance Waste Management Plan for review and comment. Submit to the CPM for review and	Not less than 15 days prior to the start of project-related demolition	11/25/10	KIEWIT	12/02/2010 to City 12/03/2010 to CEC Resubmit to CEC 12/21/2010	2010-1784 2010-1927	Approved 1/31/2011 No Paperwork
CONS	WASTE-5b	Require all project contractors and subcontractors to adhere to the city's waste diversion requirements and provide to the project owner adequate documentation of the types and volumes of wastes generated, how the wastes	Submit documentation to the city of Antioch, with copies to the CPM, demonstrating compliance with th diversion program requirements. The required documentation shall include a final completed Waste	Not later than 30 days after completion of project construction	5/1/13	KIEWIT			
CONS	WASTE-5c	Comply with all applicable provisions of the city of Antioch's Construction and Demolition Debris Recycling Ordinance No. 1018- C-S	Provide documentation to the CPM that the project has satisfactorily complied with the city of Antioch Ordinance No. 1018-C-S	Prior to start of project Operation	5/1/13	KIEWIT			
PC-1	WASTE-6a	Obtain a hazardous waste generator identification number from the United States Environmental Protection Agency prior to generating any hazardous waste during	Keep a copy of the identification number on file at the project site and provide the number to the CPM.	Prior to start of construction	12/10/10	K&M	11/16/2010 Asbestos Removal	2010-1665	Approved 11/18/2010
OPS	WASTE-6b	Obtain a hazardous waste generator identification number from the United States Environmental Protection Agency prior to generating any hazardous waste during operations.	Keep a copy of the identification number on file at the project site and provide the number to the CPM.	At least 30 days prior to commercial operation.	5/31/13	GenOn	11/16/10		
COMM	WASTE-7a	Prepare an Operation Waste Management Plan for all wastes generated during operation of the facility	Submit the plan to the CPM for review and approval. The plan shall contain, at a minimum the items in the condition. submit any required revisions to the CPM within 20 days of notification from the CPM that revisions are necessary.	No less than 30 days prior to the start of project operation	4/1/13	GenOn			

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OPS	WASTE-7b	Update the Operation Waste Management Plan as necessary to address current waste generation and management practices.	Document in each ACR the actual volume of wastes generated and the waste management methods used during the year; provide a comparison of the actual waste generation and management methods used to those proposed in the original Operation Waste Management Plan	Annually	Include in the ACR	GenOn			
OPS	WASTE-8	Ensure that all spills or releases of hazardous substances, hazardous materials, or hazardous waste are documented and cleaned up and that wastes generated from the release/spill are properly managed and disposed of, in accordance with all applicable federal, state, and local requirements.Document management of all	Provided to the CPM unauthorized release/spill documentation	Within 30 days of the date the release was discovered.	As required	K&G			
OPS	WASTE-9	Notify the CPM of any impending waste management-related enforcement action by any local, state, or federal authority taken or proposed to be taken against the project itself, or against any waste hauler or disposal facility or treatment operator with which the owner contracts that may be related to management of project wastes	Notify the CPM in writing and provide a description and timeline for steps to be taken to address the action.	Within 10 days of becoming aware of an impending enforcement action	As required	K&G			
PC-1	WASTE-10	Ensure that the Marsh Landing Generating Station site is properly characterized so as to be able to identify hazardous wastes present at the project site. The project owner shall work closely with PG&E and Ensure that PG&E follows any and all directives issued by the California EPA Department of Toxic Substances Control (DTSC)	Provide the CPM for review and approval all project-related plans, results, and assessments provided by PG&E to DTSC and all obtainable project-related written correspondence between DTSC and PG&E	At least thirty (30) days prior to the start of any soil excavation or grading	3/2/11	GenOn	11/29/2010 6/28/2011	2010-1738 returned 12/3/2010 2011-0144	**Pending DTSC approval of plan letter. Additional correspondence**
PC-2	WORKER SAFETY-1	Submit a copy of the Project Construction Safety and Health Program containing the following construction plans: PPE, Exposure Monitoring, IIPP,EAP, and FPP. provide a copy of a letter to the CPM from the CCC Fire Protection District stating the fire department's comments on the Construction Fire Prevention Plan and Emergency Action Plan.	The Safety Program, PPE, IIPP, and Exposure Monitoring Program shall be submitted to the CEC CPM for review and approval; the EAP and FPP shall be submitted to the CCC Fire Protection District for review and comment prior to submittal to the CPM for approval.	At least 30 days prior to start of construction	3/2/11	KIEWIT	1/11/11	2011-0111	Approved (No Paperwork Given)
COMM	WORKER SAFETY-2	Prepare and submit an O&M Safety & Health Plan containing: an IIPP, EAP, HMMP, FPP, and PPE.	The Operations IIPP, EAP, PPE shall be submitted to the CEC CPM for review and comment; the EAP and FPP shall also be submitted to the CCC Fire Protection District for review and comment. Provide a copy of	At least 30 days prior to first fire or commissioning	8/25/12	GenOn			

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PC-1	WORKER SAFETY-3a	Provide a site Construction Safety Supervisor (CSS) who, by way of training and/or experience, is knowledgeable of power plant construction activities and relevant laws, ordinances, regulations, and standards; is capable of	Submit to the CPM the name and contact information for the Construction Safety Supervisor (CSS). The contact information of any replacement CSS shall be submitted to the CPM within one business day.	At least 30 days prior to the start of construction	3/2/11	KIEWIT	11/18/2010 Kiewit		Approved (No Paperwork Given)
CONS	WORKER SAFETY-3b	The CSS shall prepare and submit a monthly safety inspection that includes the info specified in the verification language of the condition.	Submit required info to the CPM.	Monthly	Include in the MCR	KIEWIT			
PC-2	WORKER SAFETY-4	Make payments to the CBO for the services of a Safety Monitor (in addition to the other services provided by the CBO). Safety monitor shall be responsible for verifying that the construction safety supervisor	Provide proof of agreement to fund the safety monitor services to the CPM for review and approval.	Prior to the start of construction	3/2/11	GenOn	1/31/11	2011-0220	Provided CBO letter confirming service were covered by GenOn 1/31/2011 Approved 4/2/2011
PC-1	WORKER SAFETY-5a	Ensure that a portable automatic external defibrillator (AED) is located on site during demolition & construction, and shall implement a program to ensure that workers are properly trained in its use and that the equipment is properly maintained and functioning at all times.	Submit to the CPM proof that a portable automatic external defibrillator (AED) exists on site and a copy of the training and maintenance program for review and approval.	At least 30 days prior to the start of construction	12/2/10	KIEWIT	11/24/2010 Kiewit		Approved (No Paperwork Given)

4.0 Conditions Satisfied During the Reporting Period

There were no conditions other than ongoing monthly conditions satisfied during the reporting period. A complete list of satisfied requirements is included in the Compliance Matrix and is shaded to indicate completion.

Sub #	Conditions Submitted	Date of Submission

Marsh Landing Generating Station

Monthly Compliance Report

June 2012

5.0 Submittal Deadlines Missed

Marsh Landing was seeking CEC authorization for site grading/construction by a target date of March 18, 2011. CEC Compliance Management approved the filings and authorized construction to commence on March 25, 2011. The anticipated online date of the Marsh Landing Generation Station is 5/1/2013.

There were no Submittal Deadlines missed to support the CEC Authorization described above.

Marsh Landing Generating Station

Monthly Compliance Report

June 2012

6.0 Approved Changes to Conditions of Certification – Cumulative List

Condition of Certification	Date Change was Approved
PAL-3	July 26, 2010
AQ-SC7	May 15, 2012
BIO-8	May 15, 2012

Marsh Landing Generating Station

Monthly Compliance Report

June 2012

7.0 Other Governmental Agency Filings and Permits Issued

The attachment titled "Marsh Landing Generating Station Part B Government Approval Status Summary" contains approval notices received to date (excluding Material Governmental Approvals).

Marsh Landing Generating Station
Part B Approval Status Summary

Permit Required	Date of Approval Given
1. Permit to Operate by BAAQMD (to be obtained prior to operating equipment)	Q1 2013 Expected
2. Clean Air Act Title IV Permit by BAAQMD (Acid Rain Permit) (application to be filed with BAAQMD at least 24 months prior to first fire)	2013 Expected
3. Clean Air Act Title V Permit by BAAQMD (to be obtained within 12 months after commencing operation)	2013 Expected
4. FERC Order Granting Market Based Rate Authorization (to be obtained prior to start-up or testing of the MLG Project or generating electricity from the MLGS Project)	Q1 2013 Expected
5. FERC Acceptance or Issuance of Certification or Self-Certification of Exempt Wholesale Generator Status (to be obtained prior to start-up or testing of the MLGS Project or generating electricity from the MLGS Project)	Q1 2013 Expected
6. FERC Approval of Executed CAISO Interconnection Agreement (to be obtained by CAISO after execution)	5/2/2011 Actual
7. FERC Approval of Executed Participating Generator Agreement and Meter Service Agreement (to be obtained by CAISO after execution)	Q1 2013 Expected
8. Additional Governmental Approvals Identified in the CEC Decision or otherwise required in the ordinary course of business, including the following:	
a. BAAQMD notification materials, acknowledgment letter and job number assigned by BAAQMD for MLGS Project demolition activities (to be obtained not less than 10 days prior to commencement of MLGS Project-related structure demolition)	1/20/2011 Actual
b. Contractors permit for well installation (to be obtained prior to installing wells)	7/28/11 Actual
c. Certificates of Occupancy from the Chief Building Official (Contra Costa County) (CBO) (to be obtained prior to permanent occupancy of buildings)	Q4 2012 Expected
d. Contractors permits for construction, including grading and drainage, excavation, fire protection, building and Notice of Intent for California Statewide General Construction Storm Water Permit (State Water Resources Control Board Order No. 2009-0009-DWQ)) (application for grading permit to be submitted at least 30 days prior to grading; others to be obtained as specified in the CEC Decision or by the CBO)	3/25/2011 Actual

e.	Other CBO approvals to be obtained as specified in the CEC Decision	Ongoing
f.	Contractors transportation-related permits (including heavy haul permits) for transportation of equipment to the site (to be obtained prior to transporting equipment)	Q1 2012 Actual (Ongoing)
g.	Notice of Intent to Comply with the General National Pollutant Discharge Elimination System Permit for Discharges of Storm Water Associated with Construction Activity, and California Statewide General Industrial Storm Water Permits (State Water Resources Control Board Order No. 97-03-DWQ) (to be submitted 30 days prior to site mobilization)	1/5/2011 Actual
h.	Notice of Intent to obtain coverage under Central Valley Regional Water Quality Control Board Order No. R5-2008-0082 for Waste Discharge Requirements for Dewatering and Other Limited Threat Discharges to Surface Water (to be submitted prior to any groundwater discharge or dewatering activities)	12/30/2011 Actual
i.	Evidence from Contra Costa County that the site-specific Drainage, Erosion, and Sedimentation Control Plan meets the requirements of the Contra Costa County Clean Water Program (to be provided 30 days prior to site mobilization)	1/20/2011 Actual
j.	Contra Costa County Business License (to be obtained before engaging in business in the unincorporated area of Contra Costa County)	1/1/2011 Actual
k.	United States Environmental Protection Agency hazardous waste generator identification number (to be obtained prior to starting construction)	11/18/2010 Actual
l.	Agreement and/or permit for sewer service from City of Antioch (to be obtained prior to completing the connection to the sewer line)	9/1/2011 Actual
m.	Executed Wastewater Discharge Agreement and any required industrial wastewater discharge permit from Delta Diablo Sanitation District ("DDSD") (to be obtained no later than 60 days prior to completing the connection to DDSD's wastewater pipeline)	6/6/2011 Actual
n.	Permit for crane operation (to be obtained prior to the start of construction)	11/16/2011 Actual
o.	Pressure vessel permit (to be obtained prior to the vessels being placed into service)	Q4 2012 Expected
p.	Potable water connection permit (to be obtained prior to installing connection with potable water system)	9/1/2011 Actual
q.	Certification to Store Hazardous Materials (Hazardous Materials Business Plan) by Contra Costa County Health Services Department (to be obtained at least 30 days prior to receiving hazardous materials on site)	Q3 2012 Expected
r.	Approval of Risk Management Plan and Off-Site Consequence Analysis by Contra Costa County Health Services Department (to be obtained at least 30 days prior to delivery of aqueous ammonia to the site)	Q3 2012 Expected
s.	Approval of Spill Prevention, Control, and Countermeasure Plan by Contra Costa County Health Services Department for management of hazardous (to be obtained at least 30 days prior to receiving hazardous materials on site for commissioning or operations)	Q3 2012 Expected
t.	Any approvals required from California Environmental Protection Agency Department of Toxic Substances Control as specified in the CEC Decision (to be obtained at least 30 days prior to the start of any soil excavation or grading)	2/7/2011 Actual
u.	Encroachment permit for construction within Contra Costa County or City of Antioch right-of-way (to be obtained prior to starting construction in any right-of-way)	3/14/2011 Actual
v.	Waiver by the City of Antioch allowing heavy equipment operation and noisy construction work relating to the MLGS Project to take place earlier or later than times listed in CEC Decision (to be obtained prior to ground disturbance if construction activities will take place outside the specified times)	5/5/2011 Actual
w.	Approval by the Contra Costa County Public Works Department and the City of Antioch Engineering Department of the construction traffic control plan (to be provided at least 60 days prior to the start of site mobilization)	2/10/2011 Actual
x.	Approval by Contra Costa County of a lighting mitigation plan (process to be commenced at least 90 days prior to ordering any permanent exterior lighting)	Q2 2012 Expected

y.	Compliance with certification, verification and other requirements specified in California Public Utilities Commission General Order 167 (to be provided when the MLGS Project is interconnected and capable of operating in parallel with the electric system)	Q1 2013 Expected

8.0 Project Two Month Projection

Kiewit will continue installing CTGs and auxiliary equipment. They will continue erecting and welding SCR casing and stack sections, tempering air fans, plenum ductwork and structural steel for all units. They will continue installing above ground piping and conduit, installing instrumentation, and pulling electrical cable for all units.

Kiewit will continue setting water treatment skids and erecting the water treatment building and continue work in MLGS switchyard.

PG&E Gas T&D will continue gas interconnection construction.

PG&E Transmission Planning and Generation Interconnection Services will continue interconnection and transmission network upgrade work under the LGIA.

Startup will commence upon Mechanical Completion of the first system of the facility.

9.0 Additions to the On-Site Compliance File

The following items were added to the compliance file:

Sub #	Conditions Submitted	Date of Submission
108	WASTE-4	June 5, 2012
109	Monthly Compliance Report – May 2012	June 14, 2012
110	HAZ-4	June 19, 2012

Marsh Landing Generating Station

Monthly Compliance Report

June 2012

10.0 Complaints, Notices of Violations, Official Warnings, Citations, and Corrective Actions Taken

Marsh Landing Generating Station

Monthly Compliance Report

June 2012

11.0 Key Events List-

Milestone	DATE (Expected or Actual)*
Event Description	
Certification Date	8/25/2010 (Actual)
Obtain Site Control	9/21/2010 (Actual)
Online Date	5/1/2013
Site Activities	
Start Site Mobilization	2/15/2011 (Actual)
Start Construction	3/25/2011 (Actual)
Start Grading	4/19/2011 (Actual)
Start Ground Disturbance	4/19/2011 (Actual)
Begin Pouring Major Foundation	12/23/2011 (Actual) – SCR1
Begin Installation of Major Equipment	12/29/2011 (Actual) – SCR1
Complete All Construction	4/1/2013
First Fire Combustion Gas Turbine	1/15/2012 (Contractual Date)
Obtain Building Occupancy Permit	4/1/2013 (Expected)
Start Commercial Operation	5/1/2013
Transmission Line Activities	
Start T/L Construction	2/1/2012 (Expected)
Synchronization with Grid and Interconnection	1/15/2012 (Expected)
Complete T/L Construction	7/1/2012 (Expected)
Fuel Supply Line Activities	
Start Gas Pipeline Construction and	6/29/2011 (Actual)
Complete Gas Pipeline Construction	6/1/2012 (Expected)
Water Supply Line Activities	
Start Water Supply Line Construction	5/16/2011 (Actual)
Complete Water Supply Construction	7/1/2012 (Expected)
CEC Authorization	
Obtain Asbestos Removal Letter from	1/31/2011 (Actual)
Obtain Authority to Construct Letter from CEC	3 /25/2011 (Actual)

*Dates indicated are actual or expected dates GenOn Marsh Landing began or expects to begin construction/ and or activities related to the facility of the milestone indicated.