MARSH LANDING GENERATING STATION

MONTHLY COMPLIANCE REPORT #23

Report Period: July 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

July 2012

1.0 Current Project Construction Status

Based on a start of construction date of March 25, 2010 and a date of completion of April 30, 2013 the project is 64.4% complete as of July 31, 2012.

Construction is 70.5% complete (as of July 31, 2012). Overall SCR installation is 79.2% complete, and overall CTG installation is 78.5% complete.

Kiewit completed casing erection and seal welding on SCRs 3&4, and casing frame welding on SCRs 2-4. They continued installing SCR internal components, including ammonia injection grids and catalyst frames. They continued installing tempering air fans for SCRs 3&4. Stack 3 topped out on July 24, 2012 and Stack 4 on July 26, 2012. Kiewit completed installing insulation and liner in Stack 1. They set the Continuous Emissions Monitoring Systems (CEMS) for Units 3&4.

Kiewit continued installing CTGs, enclosures, auxiliaries and Siemens piping.
Kiewit started setting computer network equipment and the Distributed Control System (DCS) console in the Administration / Control Building. They started erecting the Water Treatment Building. They are installing above ground pipe in the Water Treatment Building, water storage tank area and ammonia containment area.

Kiewit is installing and welding isophase bus at all 4 units. They are installing above ground conduit, installing instrumentation, and pulling and terminating cables in the 5 kV building, CTG electrical packages 1&2, the balance of plant electrical building, and the switchyard electrical building. Cable pulling is 39.2% complete. They completed installation of batteries in the 5 kV electrical building. Hyundai filled Unit Auxiliary Transformer (UAT) 2 with oil.

Kiewit's switchyard subcontractor has completed erecting monopoles and H frames in the MLGS switchyard. All switchyard equipment has been installed.

PG&E continued gas interconnection construction. Anticipated completion date for pressure boundary work has slipped to August 2012. Electrical and instrumentation work will be performed during September 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 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 97.8% 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. PG&E is reviewing Kiewit design submittals.

Kiewit engineering activities in support of procurement are complete. Delivery of 11 of the 13 major balance of plant equipment/material packages is complete and deliveries are in progress for the remaining two packages (water treatment equipment and isophase bus).

All equipment in Siemens' original scope of supply is onsite. Siemens will complete delivery of material required for three Change Orders by the end of August 2012.
All SCR / Ammonia System components in Mitsubishi's original scope of supply are onsite, except catalysts. Nitrogen oxide (NOx) and carbon monoxide (CO) oxidation catalysts will be delivered in October for installation during startup and commissioning.

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.

   July 2, 2012 - Two water trucks were on site. Although the conditions were dry no dust issues were observed.

   July 3, 2012 – No excessive dust was observed to be generated from the site.

   July 5, 2012 – Site was observed to be generally free of dust.

   July 9, 2012 – Although the site is hot, there is little wind or dust being generated.

   July 11, 2012 – No dust was observed other than slight in the parking areas.

   July 12, 2012 – Throughout the site no dust was observed. Water trucks doing an excellent job.

   July 13, 2012 – Slight dust was observed on portion of access road. Will request additional water for this area.

   July 16, 2012 – No dust observed in the Power Block area, roads, or parking.

   July 17, 2012 – Extremely cool day for this time of year. No Dust observed.

   July 18, 2012 – Water truck active. No Dust observed.

   July 19, 2012 – No dust observed on the site.

   July 20, 2012 – No dust observed. Water Truck is ahead of the dust.

July 23, 2012 – The power block, access roads, parking areas, and laydown yards are all free of dust generation.

July 24, 2012 – No dust being generated throughout the facility.

July 25, 2012 – Gusty winds were producing a small amount of dust in the dry parking areas. Water trucks were brought in and squelched the dust. Winds were dropping shortly thereafter.

July 26, 2012 No dust was observed leaving any immediate area.

July 27, 2012 Some fair breezes and small amounts of dust towards the end of the workday. No dust leaving any immediate area, but we will need to see about additional localized dust control measures. Some of the areas are being graveled which is reducing dust.

July 30, 2012 The site was free of dust.

July 31, 2012 There was no substantial dust being generated.

(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.

July 2, 2012 – Traffic was observed with no violations of the speed requirements observed.

July 3, 2012 – Traffic was observed in compliance.

July 5, 2012 – There were no vehicle speed violations.

July 9, 2012 – Traffic was within the limits.

July 11, 2012 – Traffic observed was slow and observant.

July 12, 2012 – Traffic on site, coming, and going, was all within the limits.

July 13, 2012 – All traffic appeared to be within the posted limits for the site.

July 16, 2012 – Traffic appears to be following the posted limits.

July 17, 2012 – Traffic is within the required limits.

July 18, 2012 – Traffic appears a little fast on the exit road at quitting time.

July 19, 2012 – Some traffic appears a little fast on the exit/entrance road during lunch break. A site reminder will be requested.

July 20, 2012 – All vehicles appeared to be well within the posted limits.

July 23, 2012 – Traffic was observant of the posted limits.

July 24, 2012 – Vehicles were all within the mandated speed limits.

July 25, 2012 – No traffic or vehicles were observed exceeding limits.

July 26, 2012 – Traffic was slow and deliberate.

July 27, 2012 – All traffic appeared to be very conscientious of the speed limits. I believe the construction contractor has been emphasizing adherence to the speed limit in group meetings. I believe they have also instigated a watch person on the access road during busier time periods.

July 30, 2012 – During the observation period there were no vehicles observed exceeding the posted limits.

July 31, 2012 – Vehicles were slow and observant of the speed limits.

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

July 2, 2012 – Speed limit signs are in place.

July 11, 2012 – Speed limit signs are in place at the construction site entrances.

July 19, 2012 – Speed limit signs are in place as required.

July 27, 2012 – All of the required speed limit signs are posted.

(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.

July 2, 2012 – Signs are posted indicating that tires are to be inspected and washed as necessary.

July 11, 2012 – The signs indicating the necessity for tire inspection and washing are posted.

July 19, 2012 – The signs indicating a tire inspection and wash as necessary are to be performed are posted.

July 27, 2012 – Signage indicating a tire inspection and was as necessary is in place.

(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.

July 2, 2012 – The ramps are in place and clean.

July 11, 2012 – The ramps exceed the required length and are in place and in generally good condition.

July 19, 2012 – Ramps are in place as required and are in good condition

July 27, 2012 – Ramps are reasonably clean and functioning for all traffic.

(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.

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

2. (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.

July 2, 2012 – the fencing and barriers are in place and effective.

July 11, 2012 –Fencing and K-rails are used to control the flow of traffic. They are used effectively and there has been no breaches of either.

July 19, 2012 – Fencing and concrete barriers are effectively controlling the flow of traffic.

July 27, 2012 – Fencing and barriers are providing the expected control on the flow of traffic throughout the site. They are highly effective.

(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.

July 2, 2012 All measures are in place and are in good condition.

July 11, 2012 – All SWPPP measures along the paved roadway are in excellent condition.

July 19, 2012 – All SWPPP measures are well maintained along the paved roadways as required.

July 27, 2012 SWPPP measures are very well maintained along the paved roadways as required.d

(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.

3. (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.

July 2, 2012 – The public street has been observed clean.

July 3, 2012 – The frontage road to the project is good.

July 5, 2012 – No dirt or debris to report on the public frontage road.

July 9, 2012 – Slight tracking. Will have road cleaned.

July 11, 2012 – No dirt or debris present.

July 12, 2012 – Did not see any dirt, debris, or tracking onto public streets.

July 13, 2012 – Public street does not exhibit any dirt, dust, or tracking from the construction access road.

July 16, 2012 – The public street Is free of dirt and debris.

July 17, 2012 – Slight tracking of dust from the paved construction road onto the public street.

July 18, 2012 – No significant dust, dirt, or debris. Road recently swept.

July 19, 2012 – No dirt or debris from the construction site onto the public street.

July 20, 2012 – Slight dust tracking from the access road. Will request additional cleaning.

July 23, 2012 – Public street appears well maintained with no dirt or debris.

July 24, 2012 – No dirt or debris were on the public street.

July 25, 2012 – Very slight tracking – almost not noticeable. No debris.

July 27, 2012 – Tracking is barely visible. There is no dirt or debris deposited from the site on public roadways.

July 30, 2012 – Some Tracking is very slightly visible. This appears to be more of a dusting than actual tracking of dirt from the site.

July 31, 2012 – Tracking seems to have dissipated to where it is not evident.

(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.

July 11, 2012 The quanitity of stored materials is decreasing. All stock piles that are inactive for 10 days or more are covered.

July 19, 2012 Stock piles that are not active are covered.

July 27, 2012 Stock piles are actively in use or covered.

4. (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.

5. (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

   Sweeper Brush Clean up of paved roads.

Kiewit

MARSH LANDING

Water Truck Log

Date: 07/31/12

Start Time: 1800hrs Meter Reading: 13921.2

End Time: 0400hrs Meter Reading: 13933.7

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: 7-31-12

Start Time: 6:30 AM Meter Reading: 13871.2

End Time: 6:00PM Meter Reading: 13921.2

Total ~~Gallons~~ Loads: 15

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, Stock 4 times

6. Wilbur Ave Access: 3 times

Kiewit

MARSH LANDING

Water Truck Log

Date: 7-30-12

Start Time: 6:00 AM Meter Reading: 137983

End Time: 6:00 PM Meter Reading: 138513

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, Stack 4 times

6. Wilbur Ave Access: _____ times

Kiewit

MARSH LANDING

Water Truck Log

Date: 7-28-12

Start Time: 6:30AM Meter Reading: 13762.6

End Time: 3:30PM Meter Reading: 13783.0

Total ~~Gallons~~ Loads: 11

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: 4, _____ times

6. Wilbur Ave Access: _____ times

Kiewit

MARSH LANDING

Water Truck Log

Date: 07/27/12

Start Time: 1600 hrs Meter Reading: 13752.8

End Time: 2400 hrs Meter Reading: 13762.6

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: 7-27-12

Start Time: 6:30 AM Meter Reading: 137157

End Time: 4:00 PM Meter Reading: 137528

Total ~~Gallons~~ Loads: 11

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 4 times

6. Wilbur Ave Access: _____ times

Kiewit

MARSH LANDING

Water Truck Log

Date: 7-26-12

Start Time: 6:30 AM Meter Reading: 13662.4

End Time: 6:00PM Meter Reading: 13696.6

Total ~~Gallons~~ Loads: 10

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 4 times

6. Wilbur Ave Access: 3 times

Kiewit

MARSH LANDING

Water Truck Log

Date: 07/26/12

Start Time: 1800hrs Meter Reading: 13696.6

End Time: 0400hrs Meter Reading: 137157

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

HHT

Water Truck Log

Date: 07/25/12

Start Time: 1800hr Meter Reading: 13651.8

End Time: 0400hr Meter Reading: 13662.4

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: 7-25-12

Start Time: 6:30 Meter Reading: 13606.9

End Time: 6:00 PM Meter Reading: 13651.8

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: 3 times

Kiewit

MARSH LANDING

Water Truck Log

Date: 07/24/12

Start Time: 1800hrs Meter Reading: 135910

End Time: 0400hrs Meter Reading: 136069

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: 7-24-12

Start Time: 6:30 AM Meter Reading: 13545.7

End Time: 6:00PM Meter Reading: 13591.0

Total ~~Gallons~~ Loads: 13

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

2. Craft Parking Area: 5 times

3. Laydown area: 5 times

4. Work Area: Grading _____ times

5. Work Area: 7, Stock 5 times

6. Wilbur Ave Access: 3 times

Kiewit

MARSH LANDING

Water Truck Log

Date: 07/23/12

Start Time: 1800 hrs Meter Reading: 13525.4

End Time: 0400 hrs Meter Reading: 13545.7

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: 7-23-12

Start Time: 6:00 AM Meter Reading: 13474.5

End Time: 6:00PM Meter Reading: 13525.4

Total ~~Gallons~~ Loads: 18

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: 7, Stock 8 times

6. Wilbur Ave Access: 2 times

Kiewit

MARSH LANDING

Water Truck Log

Date: 7-21-12

Start Time: 6:30 AM Meter Reading: 13429.6

End Time: 3:30 PM Meter Reading: 13148.2

Total ~~Gallons~~ Loads: 11

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

2. Craft Parking Area: 4 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: 07/24/12

Start Time: 1600 hrs Meter Reading: 13148.2

End Time: 2400 hrs Meter Reading: 13474.5

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

HH

Water Truck Log

Date: 07/20/12

Start Time: 1800hrs Meter Reading: 13416.6

End Time: _____ Meter Reading: 13429.6

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: 7-20-12

Start Time: 6:30 AM Meter Reading: 133773

End Time: 5:00 PM Meter Reading: 134166

Total ~~Gallons~~ Loads: 11

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

2. Craft Parking Area: _____ times

3. Laydown area: 1 times

4. Work Area: Grading _____ times

5. Work Area: 6, 1 times

6. Wilbur Ave Access: 2 times

Kiewit

MARSH LANDING

Water Truck Log

Date: 07/19/12

Start Time: 1800hr Meter Reading: 133632

End Time: 0400hr Meter Reading: 133777.3

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: 7-19-12

Start Time: 6:30 AM Meter Reading: 13312.4

End Time: 6:00 PM Meter Reading: 13363.2

Total ~~Gallons~~ Loads: 14

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: 7, stock 5 times

6. Wilbur Ave Access: _____ times

Kiewit

MARSH LANDING

Water Truck Log

Date: 7-18-12

Start Time: 6:30 AM Meter Reading: 13251.2

End Time: 6:00PM Meter Reading: 13296.4

Total ~~Gallons~~ Loads: 15

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: 7, Stock 7 times

6. Wilbur Ave Access: 1 times

Kiewit

MARSH LANDING

Water Truck Log

Date: 07/18/12

Start Time: 1800hr Meter Reading: 13296.4

End Time: 0400hr Meter Reading: 13312.4

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: 07/17/12

Start Time: 1800 hrs Meter Reading: 13237.7

End Time: _____ Meter Reading: 13256.2

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: 7-17-12

Start Time: 6:30 Meter Reading: 13189.5

End Time: Meter Reading: 13237.7

Total ~~Gallons~~ Loads: 15

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: 7, Stock 6 times

6. Wilbur Ave Access: _____ times

Kiewit

MARSH LANDING

Water Truck Log

Date: 07/16/12

Start Time: 1800 hrs Meter Reading: 13170.8

End Time: 0400 Meter Reading: 13189.5

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: 7-16-12

Start Time: 6:00 AM Meter Reading: 13113.5

End Time: 6:00AM Meter Reading: 13170.8

Total ~~Gallons~~ Loads: 20

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

2. Craft Parking Area: 6 times

3. Laydown area: 5 times

4. Work Area: Grading _____ times

5. Work Area: 5, stock 5 times

6. Wilbur Ave Access: 3 times

Kiewit

MARSH LANDING

~~1414~~
11

Water Truck Log

Date: 07/13/02

Start Time: 1800hr Meter Reading: 13098.2

End Time: 0200hr Meter Reading: 13113.5

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: 7-13-12

Start Time: 6:30 AM Meter Reading: 13063.7

End Time: 3:30 PM Meter Reading: 13098.2

Total ~~Gallons~~ Loads: 7

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: 07/12/12

Start Time: 1800 hrs Meter Reading: 13051.0

End Time: 0400 hrs Meter Reading: 13063.7

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: 7-12-12

Start Time: 6:30 AM Meter Reading: 129999

End Time: 6:00PM Meter Reading: 130510

Total ~~Gallons~~ Loads: 15

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 6 times

6. Wilbur Ave Access: _____ times

Kiewit

MARSH LANDING

Water Truck Log

Date: 07/11/12

Start Time: 1800 hrs Meter Reading: 12987.5

End Time: _____ Meter Reading: 12999.9

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: 7-11-12

Start Time: 6:30 AM Meter Reading: 12957.7

End Time: 6:00 Meter Reading: ~~12957.7~~ 12987.5

Total ~~Gallons~~ Loads: 15

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

2. Craft Parking Area: 2 times

3. Laydown area: 5 times

4. Work Area: Grading _____ times

5. Work Area: 7, stock 9 times

6. Wilbur Ave Access: _____ times

Kiewit

MARSH LANDING

Water Truck Log

Date: 7-10-12

Start Time: 6:30 AM Meter Reading: 128928

End Time: 6:00PM Meter Reading: 129390

Total ~~Gallons~~ Loads: 14

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: 8, Stock 6 times

6. Wilbur Ave Access: 1 times

Kiewit

MARSH LANDING

~~IIII~~

~~IIII~~ 1

Water Truck Log

Date: 07/10/12

Start Time: 1800hrs Meter Reading: 12939.0

End Time: 0400hrs Meter Reading: 12957.7

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: 7-9-12

Start Time: 6:00 AM Meter Reading: 128148

End Time: 6:00 PM Meter Reading: 128787

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: 5, stock 5 times

6. Wilbur Ave Access: 2 times

Kiewit

MARSH LANDING

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Water Truck Log

Date: 07/09/12

Start Time: 1800hrs Meter Reading: 12878.7

End Time: 0400hrs Meter Reading: 12892.8

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: 7-7-12

Start Time: 6:30 AM Meter Reading: 12796.0

End Time: 3:30PM Meter Reading: 12814.8

Total ~~Gallons~~ Loads: 10

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

2. Craft Parking Area: 3 times

3. Laydown area: 5 times

4. Work Area: Grading _____ times

5. Work Area: 2 , _____ times

6. Wilbur Ave Access: _____ times

Kiewit

MARSH LANDING

Water Truck Log

Date: 7-6-12

Start Time: 6:30 AM Meter Reading: 12734.8

End Time: 6:00 PM Meter Reading: 12778.5

Total ~~Gallons~~ Loads: 16

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: 7, Stock 5 times

6. Wilbur Ave Access: _____ times

Kiewit

MARSH LANDING

Water Truck Log

Date: 07/06/12

Start Time: 1800hr Meter Reading: 12778.5

End Time: 0700hr Meter Reading: 12796.0

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

1121

Water Truck Log

Date: 07/05/12

Start Time: 1800 hrs Meter Reading: 12722.1

End Time: 0400 hrs Meter Reading: 12734.8

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: 7-5-12

Start Time: 6:30 AM Meter Reading: 12677.7

End Time: 6:00PM Meter Reading: 12722.1

Total ~~Gallons~~ Loads: 14

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: 7, stock 4 times

6. Wilbur Ave Access: _____ times

Kiewit

MARSH LANDING

Water Truck Log

Date: 7-3-12

Start Time: 6:30 AM Meter Reading: 12624.4

End Time: 6:00 PM Meter Reading: 126626

Total ~~Gallons~~ Loads: 12

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: 10, stock 7 times

6. Wilbur Ave Access: 2 times

Kiewit

MARSH LANDING

~~HH~~
HH

Water Truck Log

Date: 07/03/12

Start Time: 1800 hrs Meter Reading: 12662.6

End Time: 0400 hrs Meter Reading: 12677.7

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: 07/02/12

Start Time: 1800 hrs Meter Reading: 126084

End Time: 0400 hrs Meter Reading: 126244

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: 7-2-12

Start Time: 6:00 AM Meter Reading: 125608

End Time: 6:00 PM Meter Reading: 126084

Total ~~Gallons~~ Loads: 16

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: 7, Stock 6 times

6. Wilbur Ave Access: _____ times

Kiewit

MARSH LANDING

Street Sweeper Log

Date: 7-31-12

Time: (1) 9:30 – 10:00 AM Time: (1) 2:45 - 3:15 PM

Time: (2) 10:00 – 10:30 AM Time: (2) 2:15 - 2:45 PM

Time:_____ Time:_____

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

Kiewit

MARSH LANDING

Street Sweeper Log

Date: 7-30-12

Time: ① 9:30 - 10:00 AM

Time: ① 2:45 - 3:15 PM

Time: ② 10:00 - 10:30 AM

Time: ② 2:15 - 2:45 PM

Time:

Time:

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

Kiewit

MARSH LANDING

Street Sweeper Log

Date: 7-27-12

Time: ① 9:20 - 9:50 AM

Time: ① 2:35 - 3:05 PM

Time: ② 9:50 - 10:20 AM

Time: ② 2:15 - 2:35 pm

Time: 1

Time:

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

Kiewit

MARSH LANDING

Street Sweeper Log

Date: 7-26-12

Time: (1) 9:15 - 9:45 AM Time: (1) 3:50 - 4:20 PM

Time: (2) 9:45 - 10:15 AM Time: _____

Time: (2) 3:20 - 3:50 PM Time: _____

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

Kiewit

MARSH LANDING

Street Sweeper Log

Date: 7-25-12

Time: ① 9:30 - 10:00 AM

Time: 3:30 - 4:00 PM

Time: ② 10:00 - 10:30 AM

Time:

Time: ① 3:00 - 3:30 PM

Time:

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

Kiewit

MARSH LANDING

Street Sweeper Log

Date: 7-24-12

Time: (1) 9:30 - 10:00 AM Time: 3:30 - 4:00 PM

Time: (2) 10:00 - 10:30 AM Time: _____

Time: (1) 3:00 - 3:30 PM Time: _____

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

Kiewit

MARSH LANDING

Street Sweeper Log

Date: 7-23-12

Time: (1) 9:30 - 10:00 AM Time: (2) 2:40 - 3:10

Time: (2) 10:00 - 10:30 AM Time: _____

Time: (1) 2:10 - 2:40 Time: _____

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

Kiewit

MARSH LANDING

Street Sweeper Log

Date: 7-20-12

Time: (1) 9:00 - 9:30 AM Time: (2) 2:30 - 3:00 PM

Time: (2) 9:30 - 10:00 AM Time: _____

Time: (1) 2:00 - 2:30 PM Time: _____

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

Kiewit

MARSH LANDING

Street Sweeper Log

Date: 7-19-12

Time: (1) 9:30 - 10:00

Time: (2) 2:30 - 3:00

Time: (2) 10:00 - 10:30

Time: _____

Time: (1) 2:00 - 2:30

Time: _____

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

Kiewit

MARSH LANDING

Street Sweeper Log

Date: 7-18-12

Time: (1) 9:45 - 10:15 Time: (2) 2:40 - 3:10

Time: (2) 10:15 - 10:45 Time: _____

Time: (1) 2:10 - 2:40 Time: _____

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

Kiewit

MARSH LANDING

Street Sweeper Log

Date: 7-17-12

Time: (1) 10:00 - 10:30

Time: (2) 2:30 - 3:00

Time: (2) 10:30 - 11:00

Time: _____

Time: (1) 2:00 - 2:30

Time: _____

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

STATEWIDE CONSTRUCTION SWEEPING

760 East Capitol Avenue
Milpitas, CA 95035
Phone: 1-800-647-9337

INVOICE

Page	1/1
Invoice Date:	7/16/2012
Invoice #	INV120002728

Bill To: Kiewit Power Constructors Co.
2925 Wilbur Avenue
Antioch, CA, 94509

Site Name: Kiewit Power Constructors Co.
3201 Wilbur Avenue
Antioch, CA,

Bill To #	Document Number	Sweep Ticket #	Entered	Customer Reference
KIE002	JOB000000865	31034	DENNIS	Job # 14501

Code / Description	Qty	U/M	Amount	Ext
CS Construction Sweep Sweep Ticket # 31034 Job # 14501 Location : 3201 Wilbur Avenue, Antioch Requested by : Raja Completed : 07/16/12 1.0 hours travel @ 125.00 / hr 8.0 hours sweep @ 125.00 / hr	1.00	EA	1,125.00	1,125.00

1010.50 7/23/12
R. [illegible]

Services	1,125.00
Sub Total	1,125.00
Total Due	1,125.00

STATEWIDE CONSTRUCTION SWEEPING

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

STOCKTON SWEEP TICKET

31034

INVOICE # 12-2728

Statewide JOB #

DATE 7/16

Certified Yes No

BILL TO: Kiewit Pac 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: Mon 7/16

DUE ON JOB: 8:30 am

START TIME: 8:30 Am STOP TIME: 4:30 pm

DUMP FEES WILL BE CHARGED BY CUBIC YARDS. (Cost Per Yard TBD by Dump Location)

SPECIAL INSTRUCTIONS:

ACCEPTANCE $

TRAVEL TIME:	1	HRS. @	125	= $	125
SWEEP TIME:	8	HRS. @	125	= $	1000
OVERTIME:		HRS. @		= $	
MISC:		HRS. @		= $	

YMT. TYPE: ON ACCOUNT / COD (CIRCLE ONE) CHK. #

TOTAL $ 1125-

ACCEPTANCE: R Bell

PRINT/DATE:

SWEEPER OPERATOR: Teresa

SWEEPER: TEP002

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: 7-13-12

Time: (1) 10:00 10:30

Time: (1) 2:45 - 3:30

Time: (2) 9:30 - 10.00

Time: water truck left

Time:

Time:

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

Kiewit

MARSH LANDING

Street Sweeper Log

Date: 7-12-12

Time: 9:00 Time: 9:30

Time: 4:00 Time: 4:30

Time: Time:

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

Kiewit

MARSH LANDING

Street Sweeper Log

Date: 07-11-12

Time: 9:00 Time: 9:30

Time: 3:30 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: 07-10-12

Time: 9:00 Time: 9:30

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: 07-09-12

Time: 9:00 Time: 9:30

Time: 4:00 #1 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: 7-6-12

Time: 9:00

Time: 9:30

Time: 3:00 #1

Time: 3:30 The Road to laydown by River

Time: 4:00 #2

Time:

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

Kiewit

MARSH LANDING

Street Sweeper Log

Date: 07-05-12

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: 7-3-12

Time: Raja OK'd No sweep in Morning Water truck tied up

Time:

Time: 2:30 #1

Time: 3:15 #2

Time:

Time:

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

Kiewit

MARSH LANDING

Street Sweeper Log

Date: July 2, 2012

Time: 9:00 #2

Time: 9:30 #1

Time: 3:00 #2

Time: 3:30 #1

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-750XI	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	52-2811	Fusion Machine 412	McElroy Tracstar				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	7/12/2012
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	7/10/2012
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	8/11/2012
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	7/13/2012
1/18/2012		Welding Machine			N/a		X			United Rental		120	7/13/2012
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				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	7/16/2012
1/27/2012	20-9901	Sullair Air Compressor	Unit #1011074	7PKXL04.4NJ1	N/A			3	(CZ)	United Rental	X	180	7/1/2012
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	6/1/2012
2/7/2012	1099097	Welding Machine					X					60	7/13/2012
2/7/2012	962576	Welding Machine	Miller				X			United Rental		60	7/13/2012
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	7/13/2012
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	7/13/2012
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	5/9/2012
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	7/11/2012
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	5/13/2012
4/16/2012		Ditch Witch	(Anderson Sub)		TG9N66		X			Pape		30	6/1/2012
4/16/2012		Generator	(Anderson Sub)		N/A		X			Pape		30	6/1/2012
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	7/1/2012
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	7/13/2012
4/23/2012	10039799	Welding Machine	Vantage 500		N/A		X			United Rental		180	7/13/2012
4/23/2012	367082	Welding Machine	Vantage 500		N/A		X			United Rental		180	7/13/2012
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	7/20/2012
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	7/10/2012
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	7/13/2012
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	7/20/2012
5/18/2012	96913	Excavator	CX210B		DE8WSS			3	(EV)	AHREN		5	5/22/2012
5/22/2012	10054274	Backhoe	JD710		KXH464			3	(EW)	United Rental		5	5/25/2012
5/22/2012	22-9945	Light Plant	Magnum		N/A		X			United Rental		180	7/13/2012
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	7/11/2012
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	7/11/2012
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	
7/12/2012	NM28749	Excavator	304				X			Cresco		5	7/15/2012
7/19/2012	10040281	Manlift	JLG800AJ	BDZXL03.6081	KP4D68			4I	(EX)	United Rental	X	180	
7/19/2012	810048	Air Compressor					X			RSC		180	
7/24/2012	1068443	Manlift	JLG800AJ	8DZXL03.6081				4I	(EZ)	United Rental	X	120	

(EX)

United Rentals

July 19, 2012

Unit # 10040281 JLG 800AJ 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

(EX)

California Environmental Protection Agency AIR RESOURCES BOARD	DEUTZ AG	EXECUTIVE ORDER U-R-013-0374 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	BDZXL03.6081	3.619	Diesel	8000

SPECIAL FEATURES & EMISSION CONTROL SYSTEMS	TYPICAL EQUIPMENT APPLICATION
Mechanical Direct 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 21 day of April 2011.

Annette Hebert

Annette Hebert, Chief
Mobile Source Operations Division

2.02

Deutz AG

Nonroad CI

Engine Model Summary Template

Attachment page 1 of 1

EO# U-R-013-0374

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
BDZXL03.6081	C3CI47,5	D2011L04i	63.7@2600	48	27.7	190@1700	46	17.3	DDI, EM, EGR
BDZXL03.6081	C3CI45,9	D2011L04i	61.4@2500	47	26.1	190@1700	46	17.3	DDI, EM, EGR
BDZXL03.6081	C3CI44	D2011L04i	58.9@2400	45	23.9	190@1700	46	17.3	DDI, EM, EGR
BDZXL03.6081	C3CI43,1	D2011L04i	57.7@2300	45	22.9	190@1700	46	17.3	DDI, EM, EGR
BDZXL03.6081	C3CI45,2	D2011L04i	60.6@2600	46	26.5	180@1700	43	16.2	DDI, EM, EGR
BDZXL03.6081	C3CI43,7	D2011L04i	58.5@2500	44	24.4	180@1700	43	16.2	DDI, EM, EGR
BDZXL03.6081	C3CI42,1	D2011L04i	56.4@2400	43	22.9	180@1700	43	16.2	DDI, EM, EGR
BDZXL03.6081	C3CI41	D2011L04i	54.9@2300	43	21.9	180@1700	43	16.2	DDI, EM, EGR
BDZXL03.6081	C3CI46	D2011L04	61.6@2600	45	25.9	190@1700	45	16.9	DDI, EM, EGR
BDZXL03.6081	C3CI41A	D3,6DCAE3	54.9@2300	43	21.9	180@1600	43	15.2	DDI, EM, EGR
BDZXL03.6081	C3CI43A	D3,6DCBE3	57.7@2300	45	22.9	190@1600	46	16.3	DDI, EM, EGR
BDZXL03.6081	C3CI44,6	D2011L04i	59.8@2600	44	25.4	180@1700	42	15.8	DDI, EM, EGR
BDZXL03.6081	C3CI47A	D2011L04i	63.7@2666	47	27.8	190@1700	46	17.3	DDI, EM, EGR

2.02

6-9906

California Environmental Protection Agency AIR RESOURCES BOARD	ISUZU MOTORS LIMITED	EXECUTIVE ORDER U-R-006-0272 - 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	8SZXL05.2IXA	5.2	Diesel	8000

SPECIAL FEATURES & EMISSION CONTROL SYSTEMS	TYPICAL EQUIPMENT APPLICATION
Direct Diesel Injection, Turbocharger, Charge Air Cooler, Electronic Control Module, Exhaust Gas Recirculation	Crane, Loader, 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
75 ≤ kW < 130	Tier 3	STD	N/A	N/A	4.0	5.0	0.30	20	15	50
		CERT	--	--	3.6	1.3	0.07	16	7	24

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 13 day of September 2007.

Annette Hebert, Chief
Mobile Source Operations Division

Engine Model Summary Template

ATTACHMENT

U-R-006-0272

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 J193
8SZXL05.2IXA	4HK1XDIAA-01	AI-4HK1X	172.2@2000	131.1@2000	58.3@2000	499.3@1500	147.5@1500	49.2@1500	ECM,TC,CAC, DFI,EGR
8SZXL05.2IXA	4HK1XDIAA-02	AI-4HK1X	163.6@1800	138.4@1800	55.4@1800	499.3@1500	147.5@1500	49.2@1500	ECM,TC,CAC, DFI,EGR
8SZXL05.2IXA	4HK1XDIAA-03	AI-4HK1X	150.2@2000	118.1@2000	52.5@2000	427.8@1500	127.6@1500	42.6@1500	ECM,TC,CAC, DFI,EGR
8SZXL05.2IXA	4HK1XDIAA-04	AI-4HK1X	154.2@2200	112.9@2200	55.2@2200	442.5@1500	131.7@1500	43.9@1500	ECM,TC,CAC, DFI,EGR
8SZXL05.2IXA	4HK1XDIAB-01	AI-4HK1X	154.2@2200	113.5@2200	55.5@2200	442.5@1500	132.4@1500	44.2@1500	ECM,TC,CAC, DFI,EGR
8SZXL05.2IXA	4HK1XDIAB-02	AI-4HK1X	123.4@2000	101.3@2000	45.1@2000	368.8@1500	116.3@1500	38.8@1500	ECM,TC,CAC, DFI,EGR
8SZXL05.2IXA	4HK1XDIAB-03	AI-4HK1X	172.2@2000	131.8@2000	58.6@2000	479.4@1500	145.0@1500	48.4@1500	ECM,TC,CAC, DFI,EGR

U-R-006-02R

California Environmental Protection Agency AIR RESOURCES BOARD	JOHN DEERE POWER SYSTEMS	EXECUTIVE ORDER U-R-004-0430 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	BJDXL06.8106	4.5	Diesel	8000

SPECIAL FEATURES & EMISSION CONTROL SYSTEMS	TYPICAL EQUIPMENT APPLICATION
Direct Diesel Injection, Turbocharger, Charge Air Cooler, Electronic Control Module, Smoke Puff Limiter	Tractor, Pump, Compressor, Generator Set, Other Industrial Equipment

The engine models and codes are attached.

The following are the exhaust certification standards (STD), or family emission limit(s) (FEL) as applicable, 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
56 ≤ kW < 75	Tier 3	STD	N/A	N/A	4.7	5.0	--	20	15	50
		FEL	--	--	--	--	0.30	--	--	--
		CERT	--	--	4.1	1.4	0.20	1	2	2

BE IT FURTHER RESOLVED: That the family emission limit(s) (FEL) is an emission level declared by the manufacturer for use in any averaging, banking and trading program and in lieu of an emission standard for certification. It serves as the applicable emission standard for determining compliance of any engine within this engine family under 13 CCR Sections 2423 and 2427.

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 6 day of December 2010.

Annette Hebert, Chief
Mobile Source Operations Division

Engine Model Summary Form

Manufacturer: **John Deere Power Systems**

Engine category: **Nonroad CI**

EPA Engine Family: **BJDXL06.8106**

Mfr Family Name: **350HAD**

Process Code: **New Submission**

Date: 11-16-2010

EO#: U-R-004-0430

Attachment: Page 1 of 1

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
4045HF285B	4045H	99.24@2400	77.90@2400	42.07@2400	339.24@1600	113.9@1600	40.99@1600	EM EC SPL
4045HT054	4045H	99.24@2250	67.80@2250	34.33@2250	258.85@1600	85.7@1600	30.83@1600	EM EC SPL
4045HT059A	4045H	75.10@2200	63.10@2200	31.22@2200	233.34@1500	78.3@1500	26.42@1500	EM EC SPL
4045HT059B	4045H	80.47@2200	66.90@2200	33.10@2200	252.22@1500	84.3@1500	28.42@1500	EM EC SPL
4045HT059C	4045H	84.49@2200	66.90@2200	34.57@2200	260.33@1500	87.4@1500	29.50@1500	EM EC SPL
4045HT059D	4045H	88.51@2200	72.40@2200	35.81@2200	274.34@1500	91.4@1500	30.85@1500	EM EC SPL
4045HT059E	4045H	99.24@2200	79.80@2200	39.49@2200	308.26@1500	99.2@1500	33.45@1500	EM EC SPL
4045HT061	4045H	99.24@2000	84.80@2000	38.14@2000	309.44@1500	101.6@1500	34.26@1500	EM EC SPL
4045HT281	4045H	99.24@2400	80.30@2400	41.72@2400	290.57@1600	102.8@1600	35.50@1600	EM EC SPL
4045HLV50	4045H	99.24@2200	78.70@2200	38.94@2200	309.00@1500	100.5@1500	33.89@1500	EM EC SPL
4045HL284	4045H	99.24@2300	79.60@2300	39.47@2300	314.16@1600	105.5@1600	36.38@1600	EM EC SPL
4045HRT83F	4045H	99.24@2200	82.90@2200	41.01@2200	317.85@1650	100.7@1650	37.26@1650	EM EC SPL
4045HT064	4045H	99.24@2000	85.50@2000	37.44@2000	304.58@1500	103.4@1500	34.09@1500	EM EC SPL
4045HL287A	4045H	99.24@2300	75.20@2300	38.81@2300	303.84@1600	95@1600	34.18@1600	EM EC SPL
4045HL287B	4045H	99.24@2300	75.20@2300	38.81@2300	303.84@1600	95@1600	34.18@1600	EM EC SPL
4045HMK85	4045H	99.24@2200	82.90@2200	41.01@2200	317.85@1650	100.7@1650	37.26@1650	EM EC SPL

ECM, SPL, DDI, TC, CAC

United Rentals

(EZ)

July 23, 2012

Unit # 1068443 JLG Boomlift 800AJ 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

(F2)

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.

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

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

August 6, 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)
July 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 July 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. 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 July 3, 6, 10, 13, 17, 20, 24, 27, 30, and 31, 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: July 2012

On July 2, 2012 the operator for the Active Treatment System found a dead bird in one of the tanks that hold ground water. Although initially identified by the on-site monitor on July 3 as a crow, subsequent inspection of photographs suggested that the bird was a grebe. Due to its condition upon discovery the identification remains uncertain, and the cause of death is unknown.

On July 3, 2012, URS biologists conducted a botanical survey of the proposed water supply line vicinity in the greenbelt west of the west access road, north of Wilbur Avenue (Greenbelt West) (2012a). The proposed construction footprint was demarcated at the beginning and end points

prior to the survey. The biologists surveyed a 20 foot swath, assuming that the actual area of disturbance would fall within. Special-status plant surveys were conducted by walking over the entire site, ensuring thorough coverage, and noting all plant taxa encountered.

In anticipation of a proposed water supply line project in the Greenbelt West area, nesting bird surveys were also conducted on July 3, 13, and 20, 2012 (URS 2012a). Each survey involved walking meandering transects through the greenbelt, fenceline, and former tank pad included in the construction footprint's 250-foot buffer zone. The nesting bird surveys were conducted in the morning hours, before the ambient temperature suppressed bird activity. Birding was performed from locations outside and inside the greenbelt. The biologist utilized binoculars and a spotting scope while birding. All bird species encountered were identified according to plumage or song. Behaviors indicative of nesting or breeding were specifically looked for during the birding effort. Examples of these types of behavior include food carrying, nest-material carrying, chasing off other birds, and singing. After birding a discrete location, the biologist looked into each tree and shrub for visible nests, with more focus on those that would potentially be removed.

URS biologists surveyed vegetation in portions of the vegetated greenbelt area along the southern edge of the Contra Costa Generating Station (CCGS) property, east of the west access road, between the detention basin and Wilbur Avenue (Greenbelt East) on July 13, 2012 (URS 2012b). The survey was restricted to a linear swath located approximately 20 feet to 40 feet north of the chain-link fence along the length of the proposed pipeline construction area. Trees and shrubby vegetation were classified as native or nonnative ornamental, and identified to the genus level and the species level when possible. Native species were identified to the species level without exception. The purpose of the survey was to identify native vegetation and trees that could potentially be impacted by the proposed installation of the wastewater pipeline.

On July 17, the monitor noticed small amounts of trash near an open dumpster by the ATS tanks staged along the north end of the project 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 July 20, the onsite monitor detected a mourning dove (*Zenaida macroura*) nest on the inside lip of a storage dumpster in the south staging area. The dumpster is located near the clump of trees at the eastern end of the south staging area, along the north fence. GenOn was informed of the nesting bird, and a 25 foot buffer fence was installed around the dumpster. URS submitted an email to Ann Crisp of the CEC on July 25, 2012 informing her of the location and status of the nest, as well as implemented nest protection measures. In response, the CEC requested a figure showing the location of the nest, which URS submitted on July 31, 2012.

During the July 20 site visit, GenOn requested that the monitor inspect annual vegetation that has colonized the south berm of the energy block. No special-status plant species were detected during this inspection. The onsite monitor was concerned that special-status plant species had the potential to occur in this area because he was not familiar with some of the weedy species growing at this location. An inspection of this same location on June 29, 2012 by a monitor familiar with common weedy species and protected dune plant species had already determined that no listed plants were present on the south berm. Weed abatement occurred throughout the project site in July.

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]) 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 July MLGS site activities included:

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

Implementation of Mitigation Measures

For the month of July 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). A nest buffer was installed around a mourning dove nest

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). 2012a. Marsh Landing Generating Station (08-AFC-3C): Nesting Bird and Vegetation Surveys along Water Supply Line Route (BIO-7). July 13.

URS (URS Corporation). 2012b. Marsh Landing Generating Station (08-AFC-3C): Proposed Wastewater Pipeline Vegetation Survey (BIO-6). July 19.

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
July 2012
Marsh Landing Generating Station

Biological Monitoring Log

Marsh Landing Generating Station	Date: 7/3/12
Monitor: MIKE DEMPSEY, KEVIN SCHWARTZ	Time: 7:30
Weather: SUNNY, CLEAR, ~80F	

Photo Numbers:

—

Activity that requires monitor's presence:

CONSTRUCTION, TREE/PLANT SURVEY

Description of Construction Activities Observed:

TRENCHING, Generating towers/cranework

TREE/VEG survey along west access road

Compliance Observations and Issues:

ESA Fencing: OK

Wildlife Pitfalls/Traps/Pipes: Check pipes in staging areas before moving

Nesting Birds: none

Coordination with Construction Personnel: NA

Other Compliance Issues:

- Dead crow in groundwater tanks
- (lost/abandoned) guinea fowl in south staging area/outside silt fence

Wildlife Species List for Day:

red-shoulder hawk
Anna's hummingbird
swallow
Mourning dove
jay
crow
kingbird
guinea fowl
fence lizard
jack rabbit
ground squirrel

URS
1333 Broadway, Suite 800
Oakland, CA 94612

Daily Monitoring Checklist **Date** 7/3/12
(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

Notes:

URS
1333 Broadway, Suite 800
Oakland, CA 94612

Biological Monitoring Log

Marsh Landing Generating Station	Date: 7/6/2012
Monitor: Ode Bernstein	Time: 0700-1100
Weather: sunny, windy, mid 70s	

Photo Numbers:

Activity that requires monitor's presence:
Construction activity throughout the site.

Description of Construction Activities Observed:
Continued construction of towers and plant infrastructure. Staging, earthmoving, excavation.

Compliance Observations and Issues:

ESA Fencing: OK

Wildlife Pitfalls/Traps/Pipes: OK

Nesting Birds: No nests on site

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

Other Compliance Issues: No compliance issues on site today.

Wildlife Species List for Day:

Great egret, house finch, red tailed hawk, killdeer, mourning dove, Eurasian collared dove, mockingbird, western scrub jay, bushtit, red-winged blackbird.

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Oakland, CA 94612

Daily Monitoring Checklist **Date: 7/6/2012**
(Check if in compliance)

- ✓ ESA fencing or a physical barrier is separating sensitive resources from active work areas and is in good condition.
- ✓ 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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128494
583

Biological Monitoring Log

Marsh Landing Generating Station	Date: 7/10/12
Monitor: Danielle Peña	Time: 7:20am –
Weather: 10-15 mph wind, clear sky, 70s-80s, hazy later in distance	

Photo Numbers:

Activity that requires monitor's presence: Construction monitoring (bi weekly)

Description of Construction Activities Observed: overhead work in cherrypickers, transportation of materials by crane and forklift, excavation in parking lot and other dirt areas
welding, bolting, assembling

Compliance Observations and Issues:

ESA Fencing: some silt fencing along N side slightly sagging
W: good E: good S detention basin: fencing sagging + has holes along north edge

Wildlife Pitfalls/Traps/Pipes: pipes covered or elevated 3", escape ramps provided or holes covered

Nesting Birds: previous swallow nests on buildings
no new nests

Coordination with Construction Personnel: David Friedrich out sick
Joe (site manager) escorted me to southern detention basin
Tedesco

Other Compliance Issues:

Wildlife Species List for Day:
North Wetland: Cliff swallow, Great Egret, House Finch, Great Blue Heron, Brown Pelican, caspian tern, Northern Mockingbird, Barn swallow, Raven, mourning dove, gull, White tailed kite, white American Pelican, black Phoebe, cormorant
West Fence: Fence Lizard, ~~tons of dragonfly~~, crow, scrub jay in oak tree,
two 7" burrows found beneath straw waddle along berm just south of Oak tree on West side of site
likely small mammal – oval/oblong shape
two 4" burrows – perfectly round on berm facing east – third burrow used only by lizards
lots of small animal tracks – ~~to~~ some lizard but most indistinguishable

photos

Southern Detention Basin: Western kingbird, ground squirrel numerous burrows
praying mantis, Rabbit (droppings), Fence lizard
Raccoon paw prints next to Adler dewatering tanks

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Daily Monitoring Checklist **Date** 7/10/12
(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
  Repair needed in Southern Detention Basin – North edge
- [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
  Trash cans around site appear to be well-maintained
- [x] No firearms are present on site (except security personnel)
- [x] No pets are present on site

- Site properly watered for dust control
- vegetation clearing around outer edge of detention basin
  grasses mostly - reeds/shrubs/trees left alone
  much less bird activity ~~[illegible]~~ due to disturbance
  less calls by Killdeer + Red Winged Black Bird – no visual

Notes:

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Biological Monitoring Log

Marsh Landing Generating Station	Date: 7/13/2012
Monitor: Ode Bernstein and Kevin Schwartz	Time: 0700-1300
Weather: sunny, windy, mid 80s	

Photo Numbers:

Activity that requires monitor's presence:
Construction activity throughout the site. Proposed wastewater pipeline through east greenbelt.

Description of Construction Activities Observed:
Continued construction of towers and plant infrastructure. Staging, earthmoving, excavation.

Compliance Observations and Issues:

ESA Fencing: OK

Wildlife Pitfalls/Traps/Pipes: OK

Nesting Birds: No nests on site

Coordination with Construction Personnel: Coordinated with D. Frandsen

Other Compliance Issues: No compliance issues on site today.

Wildlife Species List for Day:

red-shouldered hawk, scrub jay, bushtit, turkey vulture, cliff swallow, barn swallow, mockingbird, red-tailed hawk.

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Daily Monitoring Checklist **Date: 7/13/2012**
(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

1) Performed nesting bird survey in greenbelt west. No nesting birds detected. Kevin Schwartz (botanist) identified the tree species to be removed as part of the proposed greenbelt east water line work.
2) The botanist performed a vegetation and tree survey in the proposed wastewater line installation pathway through the east greenbelt. All vegetation (identifiable and persistent) in this pathway was identified to genus or species. Results to be presented in formal technical memorandum.
3) The biologist inspected a burrow in the western berm of the energy block. Based on tracks and sign, this burrow does not appear to be occupied.

Notes:

Biological Monitoring Log

Marsh Landing Generating Station	Date: 7/17/12
Monitor: MIKE DEMPSEY	Time: 7:00 AM
Weather: CLOUDY, WINDY, COLD	

Photo Numbers:

—

Activity that requires monitor's presence:

CONSTRUCTION MONITORING

Description of Construction Activities Observed:

TRENCHING
CRANE/OVERHEAD WORK
LAY DOWN AREA LOADING & MAINTENANCE

Compliance Observations and Issues:

ESA Fencing: N/A

Wildlife Pitfalls/Traps/Pipes: OPEN HOLE IN NW CORNER OF ENERGY BLOCK NEEDS A 3:1 RAMP OR BE COVERED AT END OF DAY

Nesting Birds: N/A

Coordination with Construction Personnel: MET W/ CEC, KIEWIT, & GENON

Other Compliance Issues:

TRASH CANS LEFT OPEN BY ATS TANKS. TRASH/LITTER PRESENT ALONG SLOPE BETWEEN SITE & ATS TANKS.

Wildlife Species List for Day:

crow
swallow
jay
gull
jackrabbit

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Oakland, CA 94612

Daily Monitoring Checklist **Date** 7/17/12
(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
  SEE NOTES ON FRONT
- ☐ 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
  SEE NOTES
- ☑ No firearms are present on site (except security personnel)
- ☑ No pets are present on site

Notes:

URS
1333 Broadway, Suite 800
Oakland, CA 94612

Biological Monitoring Log

Marsh Landing Generating Station	Date: 7/20/12
Monitor: Joe Bandel	Time: 6:45am - 3:00pm
Weather: Sunny, moderate temps in 70s - 80s	

Photo Numbers:
Photos of mourning dove nest, nest location + buffer fencing taken

Activity that requires monitor's presence:
dove nest + weed abatement discussion

Description of Construction Activities Observed:
Construction in energy block - construction of towers + structures, excavation, material staging areas: movement of materials, movement, welding, painting; etc.

Compliance Observations and Issues:

ESA Fencing: In good condition throughout project site

Wildlife Pitfalls/Traps/Pipes: Trenches + pitfalls have ramps or are covered

Nesting Birds: ~~No nests found~~ Mourning dove nest in southern staging area

Coordination with Construction Personnel: Escorted David Frandsen + Mike Kusten around site discussing weed abatement at the site. + Coordinated with David Frandsen + construction crew to set up exclusion fencing 25 ft. away from mourning dove nest.

Other Compliance Issues:

Wildlife Species List for Day:
American Crow - all over project site
Cliff swallows - all over project site
Northern mockingbird - detention basin
western scrub jay - south staging area
Anna's hummingbird - north staging area
House finch - north staging area
western fence lizard - western perimeter
ground squirrels - southern staging area
Mourning dove - nest in southern staging area

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Oakland, CA 94612

Daily Monitoring Checklist **Date** 7/20/12
(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 — New bird nest found - 25 ft. radius buffer put around nest
- ☑ 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

these areas. Also walked on the west perimeter near the eucalyptus trees. Weed abatement had already occured at the northwest end of this area extending south to the oak tree. The area along the west perimeter south of the oak tree where there are large tumbleweeds and other weeds, is an area GenOn would like to do weed abatement. The biologist coordinated with Mike Dempsey and asked GenOn to wait for a botanist to survey the area prior to weed abatement.

Start Notes: Mourning dove nest found at north east end of the southern staging area in a storage dumpster on a nail platform. The nest had at least two chicks + the mother was observed at the nest. Exclusion fencing was put up 25 ft. away from the nest, supervised by biologist. Signage was also put up on the fence to keep people away.

- Inspected areas for weed abatement with David Frandsen + Mike Kasten. Looked at weedy areas in the central staging areas particularly under power line towers. These weedy areas were characterized by ice plant, tumbleweed, star thistle + other weed species. The areas were surrounded by equipment + materials used for construction. No sensitive biological resources discovered in

URS
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Oakland, CA 94612

Biological Monitoring Log

Marsh Landing Generating Station	Date: 7/24/12
Monitor: Joe Bandel	Time: 6:50am - 9:45am
Weather: Sunny, clear, breezy, 70°F - 80°F	

Photo Numbers:

Activity that requires monitor's presence:

Description of Construction Activities Observed:

- Construction activity within energy block: welding, painting, shoveling gravel, erecting tower, equipment setup + movement

Compliance Observations and Issues:

ESA Fencing: Was in good condition throughout

Wildlife Pitfalls/Traps/Pipes: Covered or had ramps

Nesting Birds: No new nests found. Mourning dove nest in southern staging area still active

Coordination with Construction Personnel: none

Other Compliance Issues: none

Wildlife Species List for Day:

Great egret - North perimeter
Cliff swallows - all over
western scrubjay - all over
black phoebe - west perimeter
mourning dove - southern staging area
western fence lizard - west perimeter
black-tailed jackrabbit - west perimeter
American Crows - energy block + west perimeter

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Oakland, CA 94612

Daily Monitoring Checklist **Date** 7/24/12
(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

Notes: Checked on mourning dove nest in the dumpster trailer ~~in~~ at southern staging area. The mother bird was at her nest looking out for her chicks.

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Biological Monitoring Log

Marsh Landing Generating Station	Date: Jul-27-2012
Monitor: Ode Bernstein	Time: 0715-0930
Weather: Sunny, warm, moderate wind	

Photo Numbers:

Activity that requires monitor's presence: general construction activity and work in Greenbelt West

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: OK

Wildlife Pitfalls/Traps/Pipes: OK

Nesting Birds: Inspected mourning dove nest in dumpster near south staging area. Female was incubating. Buffer zone appears sufficient.

Coordination with Construction Personnel: Coordinated with Jason of Kiewit concerning planned work in the greenbelt west area. Reflagged the 7 trees scheduled for removal/trimming next week. Affixed pink flagging to these trees to assist in identification for removal.

Other Compliance Issues: None

Bird Species on site:
cliff swallow, swifts, turkey vulture, red-tailed hawk, anna's hummingbird, mourning dove, red-winged blackbird, American crow,

Daily Monitoring Checklist **Date July 27, 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:
Performed nesting bird survey (#3) and did not detect any active nests. The same suite of species was present as during the last round of surveys: Anna's hummingbirds, and a family of mixed age (adult and juvenile) scrub jays.

Biological Monitoring Log

Marsh Landing Generating Station	Date: 7/26/12
Monitor: Joe Bandel	Time: 7:00 am – 11:00 am
Weather: Sunny, warm temps 70s, 80s + 90s	

Photo Numbers:

Activity that requires monitor's presence:

Setup of silt fence – postponed till Wednesday

Description of Construction Activities Observed:

- Excavation near GenOn parking lot
- Normal construction activities in Energy Belt

Compliance Observations and Issues:

ESA Fencing: In place + in good condition

Wildlife Pitfalls/Traps/Pipes: Traps covered or had ramps.

Nesting Birds: No new nests found. Mourning dove nest is still active in dumpster at south staging area

Coordination with Construction Personnel: Coordinated with Raj + David Frandsen to be present for construction work at water line near Wilbur Ave. This work is postponed till Wednesday

Other Compliance Issues:

Wildlife Species List for Day:

- western scrub jay > near Wilbur Ave.
- Anna's hummingbird
- western fence lizard – along west perimeter
- black phoebe – along northern staging area
- mourning dove – near southern staging area
- American Crow – all over

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Oakland, CA 94612

Daily Monitoring Checklist **Date** 7/30/12
(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

Notes:

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Oakland, CA 94612

Biological Monitoring Log

Marsh Landing Generating Station	Date: July-31-2012
Monitor: Derek Jansen	Time: 7am-1pm
Weather: Hot, 97°F, Wind WNW @ 10-20mph	

Photo Numbers: N/A

Activity that requires monitor's presence: Construction: Excavators, Cranes, Loader, Moving equipment in/out staging areas, and spot check

Description of Construction Activities Observed:
- Installing generation station
- Man lifts, cranes, and other heavy equipment used to construct
- Electrical, Scaffolding, Welding, Painting, Underground

Compliance Observations and Issues: N/A

ESA Fencing: Intact and in good condition

Wildlife Pitfalls/Traps/Pipes: Escape ramps installed in holes > 2'

Nesting Birds: Mourning dove @ Southern staging area in yellow dumpster

Coordination with Construction Personnel: Attended Kiewit safety meeting

Other Compliance Issues: N/A

Wildlife Species List for Day:

Species: Cliff swallow, barn swallow, great egret, song sparrow, red-winged blackbird, river otters (3), house finch, mourning dove, raccoon, fence lizards, scrub jay, American crow, red-tailed hawk.

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Oakland, CA 94612

Daily Monitoring Checklist **Date** July-31-2012
(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:

Attachment B

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

Scientific Name	Common Name	Conservation Status[1]	Origin	Notes[2]
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
Buteo lineatus	red-shouldered hawk	WL	native	observed in detention basin
Calypte anna	Anna's hummingbird	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
Corvus brachyrhynchos	American crow	n/a	native	observed throughout project area
Corvus corax	common raven	n/a	native	throughout project area
Lontra canadensis	river otter	n/a	native	observed in marsh north of project site
Elanus leucocephalis	white tailed kite	FP	native	observed in detention basin
Hirundo rustica	barn swallow	n/a	native	observed flying over project area
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
Numida meleagris	helmeted guinea fowl	n/a	nonnative	observed in detention basin
Otospermophilus beecheyi	California ground squirrel	n/a	native	observed in detention basin
Pelicanus occidentalis	brown pelican	FP	native	observed in marsh north of project site
Petrochelidon pyrrhonota	cliff swallow	n/a	native	observed soaring in area and in nests along the GenOn building
Phalacrocorax auritus	double-crested cormorant	n/a	native	observed in marsh north of project site

Scientific Name	Common Name	Conservation Status[1]	Origin	Notes[2]
Procyon lotor	raccoon	n/a	native	presence inferred from tracks seen 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
Streptopelia decaocto	Eurasian collared dove	n/a	nonnative	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 7-31-12

Worker Environmental Awareness Program Matrix

Date	June-12	To-Date
7/31/2012	**32**	**859**

Trainer: Bradley Schieckoff
Date: 7/13/12
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.		Duane Wonda	NewTon	7-13-12
2.		Kevin Brady	Newton	7/13/12
3.		Daphne Brown	Kiewit	7/13/12
4.		Jeff Critch	Kiewit	7-13-12
5.		Shawn Gouchen	Kiewit	7/13/12
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Trainer:	Ryan Ponnish
Date:	7/19/12
Training:	WEAP + End. Indoc.

(For Office Use Only)

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	Signature	Print Name	Company	Date
1.		Cathy Pantain	Kiewit	7/19/12
2.		Mike Hamilton	Kiewit	7/19/12
3.		STEVE SCOTT	KIEWIT	7-18-12
4.		WARD Hoge	KIEWIT	7-19-12
5.		Phil Orduna	KIEWIT	7-19-12
6.		John Dutton	Kiewit	7-19-12
7.		BRUCE LAGE	Kiewit	7-19-12
8.		Ron Kirchner	Kiewit	7-19-12
9.		CAREY STROCK	Kiewit	7-18-12
10.		JIM SAATHOFF	KIEWIT	7-19-12
11.		DAVID STOW	KIEWIT	7-19-12
12.		JESSE ROSE	KIEWIT	7/19/12
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Trainer: Bradley Schieckoff
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	Signature	Print Name	Company	Date
1.		Emilio Aparicio	Kiewit	7/20/12
2.		Jose Pinedo	Newtron	7/20/12
3.		Joshua Stetson	Newtron	7-20-12
4.		Travis Steck	PCI	7-20-12
5.	Waldo Adriano	Waldo Adriano	PCI	7-20-12
6.		Tonya Lawrence	Kiewit	7/20/12
7.		Steven Young	Kiewit	7/20/12
8.		Nicholas Peterson	Kiewit	7/20/12
9.		Bill Thomason	Kiewit	7/20/12
10.		PATRICK TARANGO	Kiewit	7/20/12
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Marsh Landing Generating Station

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	Signature	Print Name	Company	Date
1.		RIGO MENDEZ	KIEWIT	7/26/12
2.		Erik Sherry	Kiewit	7/27/12
3.		JAKE KASSIS	PCI	07/27/12
4.		Chris Dahl	Kiewit	7/27/12
5.		BOB MATHEWS	Kiewit	7/27/12
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Subsection 2.09(CIVIL-3)

As of 7-31-2012

Non Conformance Report	None

Subsection 2.05(BIO-4)

As of 7-31-12

Worker Environmental Awareness Program Matrix

Date	June-12	To-Date
7/31/2012	**32**	**859**

Marsh Landing Generating Station

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Date:	7/19/12
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(For Office Use Only)

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Date: 7/20/12
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Marsh Landing Generating Station

WORKER ENVIRONMENTAL AWARENESS PROGRAM
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Cultural Resources Report Subsection 2.12

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

July 2012

August 8, 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 July 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 July included monitoring excavation for utility trenches, drilling for power monopoles and minor roadwork. Monitoring took place intermittently from July 6 through July 31, 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, July 2012.

Date	Monitor(s)	Activities/Observations	Discoveries
7.06.2012	Joseph Belk	Monitored excavation west of unit 1 to approximately 20 feet below ground surface (bgs). Soils observed disturbed.	None
7.10.2012	Joseph Belk	Monitored excavation west and south of power unit #1 to approximately 20 feet bgs. Also monitored parking lot E of Unit #4 to approximately 10 feet bgs. Native and disturbed soils observed.	None
7.13.2012	Doug Alexander	Monitored excavation for grounding trench and minor grading. Maximum depth of excavation approximately 20 feet bgs. Native and disturbed soils observed.	None
7.16.2012	Joseph Belk	Monitored excavation south of unit #1 grounding cable to approximately 20 feet bgs. Native and disturbed soils observed.	None
7.17.2012	Joseph Belk	Monitored excavation on the backfill of storm drain and landscaping for drainage. Depth of excavation to approximately 20 feet bgs. No native soils observed.	None

Date	Monitor(s)	Activities/Observations	Discoveries
7.19.2012	Joseph Belk	Monitored excavation for fire ring hydrants and trenching south of Unit #4. Depth was approximately 20 feet bgs. No native soils observed but disturbed were observed.	None
7.20.2012	Joseph Belk	Monitored fire hydrant near monopole #4 and grading of unit #4. Depth of excavation to approximately 18 feet bgs. Native and disturbed soils were observed.	None
7.25.2012	Angie Turner	Monitored the southeast corner of the switchyard with a grading dozer to approximately 9 feet bgs. Native and disturbed soils observed.	None
7.26.2012	Angie Turner	Monitored northwest corner of the GenOn parking lot to approximately 2 feet bgs. Native and disturbed soils observed.	None
7.30.2012	Angie Turner	Monitored excavation ranging from approximately 2-7 feet bgs. Native and disturbed soils observed.	None
7.31.2012	Angie Turner	Monitored the northwest corner of GenOn parking lot and southeast corner of the switchyard to approximately 9-11 feet. Native 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 11 days between July 6 and July 31, 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. No spot checks occurred in July because monitors were on site every two to three days throughout the month.

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
July 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: 7-6-12 Fri Monitor Name: Joseph Belk (7-3:30)

Weather Conditions: AM cool & clear slight Breeze PM Warm
Hours on Site Not Worked and Reason:
Work Location (Project Component): West of Unit 1
Work Type (Machine): Excavator
Depth of Excavation: ~ EL 9 36 N/S oriented Trench
Observed Native Soils (Stratigraphy):
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 Excavation in AM - Jason K. Excavation to ~ EL 9 36 ~ 20' N S
- 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: 7-10-12 Tues Monitor Name: Joseph Belk (on site 7-5:30)

Weather Conditions: AM Warm & Clear breeze from NW
Hours on Site Not Worked and Reason: Ø
Work Location (Project Component): West & South of Power Unit #1 / Parking Lot E of Unit #4
Work Type (Machine): Excavator
Depth of Excavation: ~ 20' to ~ EL 10⁶ / Parking lot ~ EL 10⁰ to EL 6⁵
Observed Native Soils (Stratigraphy): YES: below ~ EL 9⁵
Disturbed/Redeposited Soils: YES: Above ~ EL 10 to EL 10² / PL Above ~ EL 9⁵
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: on Monday when No Native Sands were disturbed –
In Grounding Trench West of Power Block Unit 1 – Small Brown glass bottle Screw top Isolate. Non-diagnostic due to Long date Range ~ 1917 to 1970's. Further, due to EL 10⁶, Re-deposited Sands and the fact it is Isolated w/o context

West Edge working toward the Power block Unit #4 in the Parking lot. Excavation to EL 6.50 @ the deepest did NOT Exhibit Any Cultural Material.

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: 7/13/12 Monitor Name: Doug Alexander

Weather Conditions: Sunny
Hours on Site Not Worked and Reason: –
Work Location (Project Component): Grounding trenches/grading
Work Type (Machine): Excavation
Depth of Excavation: ~ 20 feet bgs
Observed Native Soils (Stratigraphy): yes
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

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

Cultural Resources Monitoring Log, Marsh Landing Generating Station

Date: 7-16-12 MON Monitor Name: Joseph Belk (on site 9:20 - 1:30)

Weather Conditions: AM warm & clear PM Hot & clear Wind from
Hours on Site Not Worked and Reason: Ø
Work Location (Project Component): South of Unit 1 - Grounding cable started ~10AM
Work Type (Machine): Excavator
Depth of Excavation: ~EL 96 & EL 79
Observed Native Soils (Stratigraphy): Yes; below EL 96
Disturbed/Redeposited Soils: Yes: Above EL 96
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 = 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: 7-17-12 Tues Monitor Name: Joseph Falk (7-3) ON SITE

Weather Conditions: AM Cool; overcast; breeze from NW PM Hot w/ wind from NW
Hours on Site Not Worked and Reason: Ø
Work Location (Project Component): Backfill Storm drain; Land scaping for drainage
Work Type (Machine): Excavator
Depth of Excavation: ~ EL 11xx
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: No Trenching into Native Sands

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: 7-19-12 Thur Monitor Name: Joseph Belk (7-1) on site

Weather Conditions: AM cool & Cloudy Wind from NW PM
Hours on Site Not Worked and Reason: Ø
Work Location (Project Component): Fire Ring Hydrents ? - Trenching South of Unit #4
Work Type (Machine): Excavator
Depth of Excavation: Above EL 11
Observed Native Soils (Stratigraphy): No
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: Fire Hydrent Near Mono Poll #4 will not be excavated today - Josh & Jason
It will be done on Fri 7-20-12

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: 7-20-12 Fri Monitor Name: Joseph Bell (on site 7-3:30)

Weather Conditions: AM WARM, cool breeze from NW PM

Hours on Site Not Worked and Reason: Ø

Work Location (Project Component): FIRE Hydrant NEAR MONO Poll #4 - GRADING So. of Unit #4

Work Type (Machine): EXCAVATOR

Depth of Excavation: ~EL 8:30

Observed Native Soils (Stratigraphy): YES: below ~EL 9

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 Evidence Observed

David F. ✓

Maureen K. ✓

JHA = Joe ✓

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

Cultural Resources Monitoring Log, Marsh Landing Generating Station

Date: 7/25/12 Monitor Name: Angie Turner

Weather Conditions: Sunny, windy, warm
Hours on Site Not Worked and Reason: lunch 12 - 12:30
Work Location (Project Component): SE switchyard
Work Type (Machine): grading dozer
Depth of Excavation: 9± feet
Observed Native Soils (Stratigraphy): yes
Disturbed/Redeposited Soils: yes
Features: None

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

None

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

N/A

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

Monitored grading; observed min. native soils

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

Cultural Resources Monitoring Log, Marsh Landing Generating Station

Date: 7/26/12 Monitor Name: Angie Turner

Weather Conditions: Sunny, windy
Hours on Site Not Worked and Reason: 7:00 - 3:30, lunch @ 12-12:30
Work Location (Project Component): NW corner of Gen Op P. lot
Work Type (Machine):
Depth of Excavation: 2 feet
Observed Native Soils (Stratigraphy): yes 1' of 2' excavation. Further exc. near manhole down to 7'
Disturbed/Redeposited Soils: 5" redeposited soil aka road base
Features:
None

Artifacts (Isolated? Diagnostic? Greater than 50 years? Exceptional? Include description, provenience, stratigraphic context.):
None

Assessment of Significance of Any Finds? (As recommended by the CRS):
N/A

Actions Taken (Halt/Resume Construction; Identification; Notifications; Recommendations; Photography; Collecting; Sampling):
none

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

Cultural Resources Monitoring Log, Marsh Landing Generating Station

Date: 7/30/12 Monitor Name: Angie Turner

Weather Conditions: Sunny, Warm
Hours on Site Not Worked and Reason: 7- 3:45; lunch 12-12:30
Work Location (Project Component): Excavation
Work Type (Machine):
Depth of Excavation: 2 - 7 feet
Observed Native Soils (Stratigraphy): yes
Disturbed/Redeposited Soils: yes
Features: None

Artifacts (Isolated? Diagnostic? Greater than 50 years? Exceptional? Include description, provenience, stratigraphic context.):
None

Assessment of Significance of Any Finds? (As recommended by the CRS):
~~None~~ N/A

Actions Taken (Halt/Resume Construction; Identification; Notifications; Recommendations; Photography; Collecting; Sampling):
~~N/A~~ None

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

Cultural Resources Monitoring Log, Marsh Landing Generating Station

Date: 7/31/12 Monitor Name: Angie Turner

Weather Conditions: 80-Sunny, warm
Hours on Site Not Worked and Reason: 7-2pm; lunch 12-12:30
Work Location (Project Component): NW of Gen On p. lot and SE of Switchyard
Work Type (Machine): excavation
Depth of Excavation: Gen On - 9-11 feet; Switchyard - 1 foot into native
Observed Native Soils (Stratigraphy): yes
Disturbed/Redeposited Soils: No
Features:
None

Artifacts (Isolated? Diagnostic? Greater than 50 years? Exceptional? Include description, provenience, stratigraphic context.):
None

Assessment of Significance of Any Finds? (As recommended by the CRS):
N/A

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

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 : July 11, 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-1-4.4 (CBO-0812)
Approved

ELEC-1-4.0 (CBO-0811)
Approved

MECH-1-62.2 (CBO-0804)
Approved with Fire Approval

MECH-1-12.0 (CBO-0778)
Approved (Partial Return of Remaining Drawings)

ELEC-1-28.0 (CBO-0814)
Reviewed for Reference Only

ELEC-1-27.0 (CBO-0795)
Reviewed for Reference Only

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-1-27.0 **CBO-0795** **File No** 015F

Document Type	Dwg No _Rev	Rev Date	Description	CCC Eng	Apv Date	Upload / Rtn Date	Comments
Docs	E-0002 Electrical Systems Ana		Electrical Systems Analysis Calculation Sheets	MT		7/11/2012	Reviewed for Reference Only
Calcs	Panel board KAIC Calc		Panel Board Short Circuit Calculations	MT		7/11/2012	Reviewed for Reference Only

Title ELEC-1-28.0 **CBO-0814** **File No** 015F

Document Type	Dwg No Rev	Rev Date	Description	CCC Eng	Apv Date	Upload / Rtn Date	Comments
Docs	2009-019-E-0006 revA		Relay Coordination Study	MT		7/11/2012	Reviewed for Reference Only

Title ELEC-1-4.0 **CBO-0811** **File No** 015F

Document Type	Dwg No _Rev	Rev Date	Description	CCC Eng	Apv Date	Upload / Rtn Date	Comments
Drawing	2009-019-EG-900 rev1	06/27/12	Electrical Grounding Installtion Details	MT	7/9/2012	7/11/2012	Approved

Title ELEC-1-4.4 **CBO-0812** **File No** 015F

Document Type	Dwg No Rev	Rev Date	Description	CCC Eng	Apv Date	Upload / Rtn Date	Comments
Drawing	2009-019-EG-003 rev0		Electrical Grounding Layout Roadway Lighting Grounding	MT	7/9/2012	7/11/2012	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
Drawing	2009-019-0SWT6046-1 rev1	05/29/12	Large Bore Fabrication Isometric SWT - Service Water Treatment	MT	7/9/2012	7/11/2012	Approved

Drawing	2009-019-0SWT6054-1 rev2	05/29/12	Large Bore Fabrication Isometric SWT - Service Water Treatment	MT	7/9/2012	7/11/2012	Approved
Drawing	2009-019-0SWT6058-1 rev2	05/29/12	Large Bore Fabrication Isometric SWT - Service Water Treatment	MT	7/9/2012	7/11/2012	Approved
Drawing	2009-019-0SWT6060-1 rev2	05/29/12	Large Bore Fabrication Isometric SWT - Service Water Treatment	MT	7/9/2012	7/11/2012	Approved
Drawing	2009-019-0SWT6067-1 rev1	05/29/12	Large Bore Fabrication Isometric SWT - Service Water Treatment	MT	7/9/2012	7/11/2012	Approved

Title **MECH-1-62.2** **CBO-0804** **File No** **015F**

Document Type	*Dwg No Rev*	*Rev Date*	*Description*	*CCC Eng*	*Apv Date*	*Upload / Rtn Date*	*Comments*
Docs	Marshlanding Fire Smoke Co		Fire Smoke Comb Dampers	MT	7/9/2012	7/11/2012	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 : July 19, 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.

ELEC-1-4.0 (CBO-0820)
Approved

ELEC-1-7.0 (CBO-0810)
Approved

MECH-1-12.0 (CBO-0817)
Approved

MECH-1-42.0 (CBO-0818)
Approved

MECH-1-41.0 (CBO-0819)
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-1-4.0 **CBO-0820** **File No** 015F

Document Type	Dwg No _Rev	Rev Date	Description	CCC Eng	Apv Date	Upload / Rtn Date	Comments
Drawing	2009-019-EG-900 rev2	07/10/12	Electrical Grounding Layout - Installation Details	MT	7/17/2012	7/19/2012	Approved

Title ELEC-1-7.0 **CBO-0810** **File No** 015F

Document Type	Dwg No Rev	Rev Date	Description	CCC Eng	Apv Date	Upload / Rtn Date	Comments
Drawing	2009-019-EG-001 rev4	06/27/12	Electrical Grounding Layout Site Key Plan	MT	7/17/2012	7/19/2012	Approved

Title MECH-1-12.0 **CBO-0817** **File No** 015F

Document Type	Dwg No _Rev	Rev Date	Description	CCC Eng	Apv Date	Upload / Rtn Date	Comments
Drawing	2009-019-0SWT6021-1 rev3	07/09/12	Large Bore Fabrication Isometric SWT - Service Water Treatment	MT	7/17/2012	7/19/2012	Approved
Drawing	2009-019-0SWT6022-1 rev3	07/09/12	Large Bore Fabrication Isometric SWT - Service Water Treatment	MT	7/17/2012	7/19/2012	Approved

Title MECH-1-41.0 **CBO-0819** **File No** 015F

Document Type	Dwg No Rev	Rev Date	Description	CCC Eng	Apv Date	Upload / Rtn Date	Comments
Drawing	2009-019-0PWS6003-1 rev2	07/09/12	Large Bore Fabrication Isometric PWS - Potable Water	MT	7/17/2012	7/19/2012	Approved
Drawing	2009-019-0PWS6024-1 rev2	07/09/12	Large Bore Fabrication Isometric PWS - Potable Water	MT	7/17/2012	7/19/2012	Approved
Drawing	2009-019-0PWS6026-1 rev2	07/09/12	Large Bore Fabrication Isometric PWS - Potable Water	MT	7/17/2012	7/19/2012	Approved

Title	MECH-1-42.0	CBO-0818	File No 015F

Document Type	Dwg No _Rev	Rev Date	Description	CCC Eng	Apv Date	Upload / Rtn Date	Comments
Drawing	2009-019-0RWS6013-1 rev2	07/09/12	Large Bore Fabrication Isometric RWS - Raw Water	MT	7/17/2012	7/19/2012	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 : July 20, 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.

ELEC-1-15.0 (CBO-0822)
Approved

ELEC-1-24.0 (CBO-0825)
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-1-15.0 **CBO-0822** **File No** 015F

Document Type	Dwg No _Rev	Rev Date	Description	CCC Eng	Apv Date	Upload / Rtn Date	Comments
Drawing	2009-019-EGL-001 rev1	07/17/12	Electrical Lightning Protection Layout Site Key Plan	MT	7/20/2012	7/20/2012	
Drawing	2009-019-EGL-120 rev1	07/17/12	Electrical Lightning Protection Layout Administration Building Stacks 1 and 2	MT	7/20/2012	7/20/2012	
Drawing	2009-019-EGL-130 rev1	07/17/12	Electrical Lightning Protection Layout Fuel Gas Area, Stacks 2 and 3	MT	7/20/2012	7/20/2012	
Drawing	2009-019-EGL-140 rev1	07/17/12	Electrical Lightning Protection Layout Fuel Gas Area, Stack 4 and Yard Area	MT	7/20/2012	7/20/2012	

Title ELEC-1-24.0 **CBO-0825** **File No** 015F

Document Type	Dwg No _Rev	Rev Date	Description	CCC Eng	Apv Date	Upload / Rtn Date	Comments
Drawing	2009-019-ET-900 rev2	07/11/12	Typical Cems Sample Tubing Support Layout	MT	7/20/2012	7/20/2012	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 : July 25, 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-1-8.0 (CBO-0813)
Approved

ELEC-1-23.0 (CBO-0728)
Approved

FOR

Deborah Sandercock, S.E.
Supervising Structural Engineer

Marie Taylor
Supervising Building Inspector

Gary Faria
Senior Grading Inspector

Marsh Landing - CBO Transmittal Report

Title ELEC-1-23.0 **CBO-0728** **File No** 015F

Document Type	Dwg No _Rev	Rev Date	Description	CCC Eng	Apv Date	Upload / Rtn Date	Comments
Drawing	2009-019-EW-910 rev1	05/03/12	Electrical Cable Racking Layout 5kV Vault	DS	7/25/2012	7/25/2012	Approved

Title STRUC-1-8.0 **CBO-0813** **File No** 015F

Document Type	Dwg No Rev	Rev Date	Description	CCC Eng	Apv Date	Upload / Rtn Date	Comments
Drawing	2009-019-SF-017 rev2	01/05/12	SCR System Unit #1 Foundation Piling Plan	FW	7/25/2012	7/25/2012	Approved
Drawing	2009-019-SF-018 rev2	01/05/12	SCR System Unit #2 Foundation Piling Plan	FW	7/25/2012	7/25/2012	Approved
Drawing	2009-019-SF-019 rev2	01/05/12	SCR System Unit #3 Foundation Piling Plan	FW	7/25/2012	7/25/2012	Approved
Drawing	2009-019-SF-020 rev2	01/05/12	SCR System Unit #4 Foundation Piling Plan	FW	7/25/2012	7/25/2012	Approved

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
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		SWPP			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

	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	7/30/2012	7/18/2012	3/29/2012		KS			Comments
	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	7/30/2012	7/18/2012	3/29/2012		KS			Comments
	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		7/12/2012	7/17/2012		TN			Approved
	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				7/9/2012		TN			Approved

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	7/17/2012		TN			Approved
	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		7/17/2012	7/20/2012		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		7/17/2012	7/20/2012		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		7/17/2012	7/20/2012		TN			Approved
	ELECTRICAL LIGHTNING PROTECTION LAYOUT	DRWG	EGL-140	2/3/2012	2/3/2012					3/9/2012	3/9/2012	2/29/2012		7/17/2012	7/20/2012		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		7/31/2012	6/21/2012		TN			Submitted
	ELECTRICAL LIGHTING LAYOUT - WATER TREATMENT AREA	DRWG	EL-020	2/4/2012	2/4/2012					2/1/2012		3/22/2012		7/31/2012	6/21/2012		TN			Submitted
	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			7/25/2012		TN			Approved
	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		07/18/12	07/20/12		TN			Approved
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												07/11/12		TN			Approved
	PANEL BOARD SHORET CIRCUIT CALCULATIONS	CALC	PANEL BOARD CALCS												07/11/12		TN			Approved
ELEC-1-28.0	RELAY COORDINATION STUDY	REF	STUDY									07/02/12			07/11/12		TN			Approved
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		7/11/2012	7/17/2012		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		7/11/2012	7/17/2012		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	6/6/2012		AT			Approved
	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	6/6/2012		AT			Approved
	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	6/6/2012		AT			Approved
	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	6/6/2012		AT			Approved
	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	6/6/2012		AT			Approved
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	7/27/2012			AT			Submitted
	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	7/27/2012			AT			Submitted
MECH-1-22.1	MD CALCULATIONS FOR TYPICAL COLD SUPPORTS	CALC	942A-01									5/18/2012	7/30/2012				AT			Comments
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		7/11/2012	7/17/2012		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		7/11/2012	7/17/2012		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		7/11/2012	7/17/2012		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		7/11/2012	7/17/2012		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
	MECHANICAL UNDERGROUND YARD PIPING	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		7/30/2012	5/9/2012		AT			Submitted
	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-1240											7/30/2012			AT			Submitted
	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		7/30/2012	6/26/2012		AT			Submitted
	MECHANICAL UNDERGROUND YARD PIPING	DRWG	YP-1260											7/30/2012			AT			Submitted
	MECHANICAL UNDERGROUND YARD PIPING	DRWG	YP-1270											7/30/2012			AT			Submitted
	MECHANICAL UNDERGROUND YARD PIPING	DRWG	YP-1280											7/30/2012			AT			Submitted
	MECHANICAL UNDERGROUND YARD PIPING	DRWG	YP-1290											7/30/2012			AT			Submitted
	MECHANICAL UNDERGROUND YARD PIPING KEY PLAN	DRWG	YP-0000	07/27/11	04/11/11					09/07/11	05/09/11	5/12/2011		7/30/2012	2/22/2012		AT			Submitted
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			07/09/12		AT			Approved
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	07/25/12		RS			Approved
	SCR SYSTEM UNIT #2 FOUNDATION PILING PLAN	DRWG	SF-018			07/12/11						8/9/2011	2/15/2012		7/2/2012	07/25/12		RS			Approved
	SCR SYSTEM UNIT #3 FOUNDATION PILING PLAN	DRWG	SF-019			07/12/11						8/9/2011	2/15/2012		7/2/2012	07/25/12		RS			Approved
	SCR SYSTEM UNIT #4 FOUNDATION PILING PLAN	DRWG	SF-020			07/12/11						8/9/2011	2/15/2012		7/2/2012	07/25/12		RS			Approved
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			Comments
	SHOP STEEL STANDARDS SPECIFICATIONS AND GENERAL NOTES	V DRWG	H2301-P59-130102									11/3/2011					RS			Comments
	SHOP TYPICAL CASING PLATE AND STIFF CONNECTION PLAN, SECTIONS, AND DETAILS	V DRWG	H2301-P59-130103									11/3/2011					RS			Comments
	SHOP TYPICAL BEAM AND COLUMN CONNECTIONS DETAILS (SHEET 1)	V DRWG	H2301-P59-130104									11/3/2011					RS			Comments
	SHOP TYPICAL BEAM AND COLUMN CONNECTIONS DETAILS (SHEET 2)	V DRWG	H2301-P59-130105									11/3/2011					RS			Comments
	FIELD BEAM AND COLUNN CONNECTIONS	V DRWG	H2301-P59-130106									11/3/2011					RS			Comments
	SHOP CASING PLATE AND BRACING CONNECTION DETAILS	V DRWG	H2301-P59-130107									11/3/2011					RS			Comments
	SHOP LADDER AND CAGE DETAILS	V DRWG	H2301-P59-130108									11/3/2011					RS			Comments
	SHOP LADDER AND CAGE DETAILS	V DRWG	H2301-P59-130109									11/3/2011					RS			Comments
	SHOP GUARDRAIL/HAILRAIL AND STAIRS DETAILS	V DRWG	H2301-P59-130110									11/3/2011					RS			Comments
	SHOP GRATING CONNECTIONS DETAILS	V DRWG	H2301-P59-130111									11/3/2011					RS			Comments
	SHOP PORT DETAILS	V DRWG	H2301-P59-130112									11/3/2011					RS			Comments
	SHOP LINER AND INSULATION GUIDELINE SECTIONS AND DETAILS	V DRWG	H2301-P59-130113									11/3/2011					RS			Comments
	INSTALLATION GUIDELINE OF SS LINER PANELS CRITICAL AREAS 7 1/2" STAGGED	V DRWG	H2301-P59-130114									11/3/2011					RS			Comments
	INSTATLLATION GUIDELINE OF SS 15' PITCH STUD SPACING	V DRWG	H2301-P59-130115									11/3/2011					RS			Comments
	SCR SYSTEM SIDE WALL DETAILS	V DRWG	H2301-P59-130120									11/3/2011					RS			Comments
	SCR SYSTEM ROOF DETAILS COLUMNS C TO L	V DRWG	H2301-P59-130121									11/3/2011					RS			Comments
	SCR SYSTEM ROOF DETAILS COLUMNS C TO L	V DRWG	H2301-P59-130122									11/3/2011					RS			Comments
	SCR SYSTEM ROOF DETAILS COLUMNS C TO L	V DRWG	H2301-P59-130123									11/3/2011					RS			Comments
	SCR MOMENT FRAME CONNECTION DETAILS	V DRWG	H2301-P59-130131									11/3/2011					RS			Comments
	SCR MOMENT FRAME CONNECTION DETAILS	V DRWG	H2301-P59-130132									11/3/2011					RS			Comments
	SCR MOMENT FRAME CONNECTION DETAILS	V DRWG	H2301-P59-130133									11/3/2011					RS			Comments
	SCR MOMENT FRAME CONNECTION DETAILS	V DRWG	H2301-P59-130134									11/3/2011					RS			Comments
	SCR MOMENT FRAME CONNECTION DETAILS	V DRWG	H2301-P59-130135									11/3/2011					RS			Comments
	SCR SYSTEM ROOF PLAN VIEW	V DRWG	H2301-P59-130202									11/3/2011					RS			Comments
	SCR SYSTEM FLOOR PLAN VIEW	V DRWG	H2301-P59-130203									11/3/2011					RS			Comments
	SCR SYSTEM SECTIONS AND DETAILS	V DRWG	H2301-P59-130204									11/3/2011					RS			Comments
	SCR SYSTEM SIDE PANEL SECTION	V DRWG	H2301-P59-130205									11/3/2011					RS			Comments
	SCR SYSTEM SIDE PANEL SECTION	V DRWG	H2301-P59-130206									11/3/2011					RS			Comments
	SCR SYSTEM SPECIAL DETAILS	V DRWG	H2301-P59-130207									11/3/2011					RS			Comments
	SCR SYSTEM GENERAL ARRANGEMENT/DETAILS TURNING VANES AND SUPPORTING FRAMES	V DRWG	H2301-P59-130249									11/3/2011					RS			Comments
	SCR SYSTEM DETAILS	V DRWG	H2301-P59-130250									11/3/2011					RS			Comments
	SCR SYSTEM DETAILS	V DRWG	H2301-P59-130251									11/3/2011					RS			Comments
	SCR SYSTEM DETAILS	V DRWG	H2301-P59-130252									11/3/2011					RS			Comments
	SCR SYSTEM GENERAL ARRANGMENT TURNING VANES LAYOUT	V DRWG	H2301-P59-130253									11/3/2011					RS			Comments
	SCR SYSTEM ISOMETRIC VIEW PLATFORMS AND LADDERS	V DRWG	H2301-P59-130321									11/3/2011					RS			Comments
	SCR SYSTEM PLATFORMS AND LADDER PLANS AND ELEVATION	V DRWG	H2301-P59-130322									11/3/2011					RS			Comments
	SCR SYSTEM PLATFORMS AND LADDER SECTIONS AND DETAILS	V DRWG	H2301-P59-130323									11/3/2011					RS			Comments
STRUC-1-8.6	AIR TEMPERING DUCTWORK TYPICAL NOTES	V DRWG	H2301-P59-130261									4/4/2012					RS			Comments
	AIR TEMPERING DUCTWORK TYPICAL NOTES	V DRWG	H2301-P59-130262									4/4/2012					RS			Comments
	AIR TEMPERING DUCTWORK FOUNDATION LOADS PLAN VIEW	V DRWG	H2301-P59-130264									4/4/2012					RS			Comments
	AIR TEMPERING DUCTWORK ELEVATION	V DRWG	H2301-P59-130265									4/4/2012					RS			Comments
	AIR TEMPERING DUCTWORK DETAILS	V DRWG	H2301-P59-130266									4/4/2012					RS			Comments
	AIR TEMPERING DUCTWORK DETAILS	V DRWG	H2301-P59-130267									4/4/2012					RS			Comments
	AIR TEMPERING DUCTWORK DETAILS	V DRWG	H2301-P59-130268									4/4/2012					RS			Comments
	AIR TEMPERING DUCTWORK DETAILS	V DRWG	H2301-P59-130270									4/4/2012					RS			Comments
	AIR TEMPERING DUCTWORK DETAILS	V DRWG	H2301-P59-130271									4/4/2012					RS			Comments
	AIR TEMPERING DUCTWORK DETAILS	V DRWG	H2301-P59-130273									4/4/2012					RS			Comments
	AIR TEMPERING DUCTWORK DETAILS	V DRWG	H2301-P59-130274									4/4/2012					RS			Comments
	AIR TEMPERING DUCTWORK DETAILS	V DRWG	H2301-P59-130275									4/4/2012					RS			Comments
	AIR TEMPERING DUCTWORK DETAILS	V DRWG	H2301-P59-130276									4/4/2012					RS			Comments
	AIR TEMPERING DUCTWORK DETAILS	V DRWG	H2301-P59-130278									4/4/2012					RS			Comments
STRUC-1-8.7	GENERAL ARRAGEMENT AND NOTES	V DRWG	H2301-P59-130750-S1									2/15/2012					RS			Comments
	ANCHOR BOLT PLAN AND LOADS	V DRWG	H2301-P59-130750-S2									2/15/2012					RS			Comments
	ANCHOR BOLT DETAILS	V DRWG	H2301-P59-130750-S3									2/15/2012					RS			Comments
	ANCHOR BOLT DETAILS	V DRWG	H2301-P59-130750-S4									2/15/2012					RS			Comments
	LIFT A - ELEVATION AND PLAN	V DRWG	H2301-P59-130750-SA1									2/15/2012					RS			Comments
	LIFT A - FALSE BOTTOM DETAILS	V DRWG	H2301-P59-130750-SA2									2/15/2012					RS			Comments
	LIFT A - FIELS SPLICE DETAILS	V DRWG	H2301-P59-130750-SA3									2/15/2012					RS			Comments
	TEST PLATFORM PLAN	V DRWG	H2301-P59-130750-SH1									2/15/2012					RS			Comments
	TEST PLATFORM DETAILS	V DRWG	H2301-P59-130750-SH2									2/15/2012					RS			Comments
	TEST PLATFORM POST DETAILS	V DRWG	H2301-P59-130750-SH3									2/15/2012					RS			Comments
	OFFSET PLATFORM PLAN AND DETAILS	V DRWG	H2301-P59-130750-SH4									2/15/2012					RS			Comments
	OFFSET PLATFORM POST DETAILS	V DRWG	H2301-P59-130750-SH5									2/15/2012					RS			Comments
	LIFTING DETAILS	V DRWG	H2301-P59-130750-SK1									2/15/2012					RS			Comments
	LIFTING DETAILS	V DRWG	H2301-P59-130750-SK2									2/15/2012					RS			Comments
	LIFTING DETAILS	V DRWG	H2301-P59-130750-SK3									2/15/2012					RS			Comments
	UPPER LADDER DETAILS	V DRWG	H2301-P59-130750-SJ1									2/15/2012					RS			Comments
	LOWER LADDER DETAILS	V DRWG	H2301-P59-130750-SJ2									2/15/2012					RS			Comments

	LOWRE LADDER DETAILS	V DRWG	H2301-P59-130750-SJ3									2/15/2012					RS			Comments
	LIFT B - PLAN VIEWS	V DRWG	H2301-P59-130750-SB2									2/15/2012					RS			Comments
	LIFT B - FIELD SLICE DETAILS	V DRWG	H2301-P59-130750-SB3									2/15/2012					RS			Comments
	LIFT C - PLAN VIEWS	V DRWG	H2301-P59-130750-SC2									2/15/2012					RS			Comments
	LIFT C - VERTICAL FIELD SPLICE DETAILS	V DRWG	H2301-P59-130750-SC3									2/15/2012					RS			Comments
	LIFT C - HORIZONTAL FIELD SPLICE DETAILS	V DRWG	H2301-P59-130750-SC4									2/15/2012					RS			Comments
	LIFT D - ELEVATION AND PLAN	V DRWG	H2301-P59-130750-SD1									2/15/2012					RS			Comments
	LIFT D - SUPPORT DETAILS	V DRWG	H2301-P59-130750-SD2									2/15/2012					RS			Comments
	LIFT D - VERTICAL FIELD SPLICE DETAILS	V DRWG	H2301-P59-130750-SD3									2/15/2012					RS			Comments
	LIFT D - HORIZONTAL FIELD SPLICE 3 DETAILS	V DRWG	H2301-P59-130750-SD4									2/15/2012					RS			Comments
	LIFT D - HORIZONTAL FIELD SPLICE 4 DETAILS	V DRWG	H2301-P59-130750-SD5									2/15/2012					RS			Comments
	LIFT E - ELEVATION	V DRWG	H2301-P59-130750-SE1									2/15/2012					RS			Comments
	LIFT E - PERSONNEL PROTECTION DETAILS	V DRWG	H2301-P59-130750-SE2									2/15/2012					RS			Comments
	LIFT E - PLAN VIEWS	V DRWG	H2301-P59-130750-SE3									2/15/2012					RS			Comments
	LIFT E - FIELD SPLICE DETAILS	V DRWG	H2301-P59-130750-SE4									2/15/2012					RS			Comments
	LIFT F - ELEVATION	V DRWG	H2301-P59-130750-SF1									2/15/2012					RS			Comments
	LIFT F - TEST PORT AND DAVIT DETAILS	V DRWG	H2301-P59-130750-SF2									2/15/2012					RS			Comments
	LIFT F - PERSONNEL PROTECTION DETAILS	V DRWG	H2301-P59-130750-SF3									2/15/2012					RS			Comments
	LIFT F - PLAN VIEWS	V DRWG	H2301-P59-130750-SF4									2/15/2012					RS			Comments
	LIFT F - FIELD SPLICE DETAILS	V DRWG	H2301-P59-130750-SF5									2/15/2012					RS			Comments
	INLET - SIDE PANEL ELEVATION AND DETAILS	V DRWG	H2301-P59-130750-SG1									2/15/2012					RS			Comments
	INLET - SIDE PANEL DETAILS	V DRWG	H2301-P59-130750-SG2									2/15/2012					RS			Comments
	INLET - SIDE PANEL X-BRACING DETAILS	V DRWG	H2301-P59-130750-SG3									2/15/2012					RS			Comments
	INLET - TOP PANEL DETAILS	V DRWG	H2301-P59-130750-SG4									2/15/2012					RS			Comments
	INLET - TOP PANEL DETAILS	V DRWG	H2301-P59-130750-SG5									2/15/2012					RS			Comments
	INLET - BOTTOM PANEL DETAILS	V DRWG	H2301-P59-130750-SG6									2/15/2012					RS			Comments
	INLET - BOTTOM PANEL DETAILS	V DRWG	H2301-P59-130750-SG7									2/15/2012					RS			Comments
	INLET - STRUCTURAL STEEL DETAILS	V DRWG	H2301-P59-130750-SG8									2/15/2012					RS			Comments
	INLET - STRUCTURAL STEEL DETAILS	V DRWG	H2301-P59-130750-SG9									2/15/2012					RS			Comments
	INLET - STRUCTURAL STEEL DETAILS	V DRWG	H2301-P59-130750-SG10									2/15/2012					RS			Comments
	INLET - STRUCTURAL STEEL DETAILS	V DRWG	H2301-P59-130750-SG11									2/15/2012					RS			Comments
	INLET - STRUCTURAL STEEL DETAILS	V DRWG	H2301-P59-130750-SG12									2/15/2012					RS			Comments
	INLET - STRUCTURAL STEEL DETAILS	V DRWG	H2301-P59-130750-SG13									2/15/2012					RS			Comments
	INLET - STRUCTURAL STEEL DETAILS	V DRWG	H2301-P59-130750-SG14									2/15/2012					RS			Comments
	INLET - FLANGE AND E.J. DETAILS	V DRWG	H2301-P59-130750-SG15									2/15/2012					RS			Comments
	INLET - E.J. BACKING BAR DETAILS	V DRWG	H2301-P59-130750-SG16									2/15/2012					RS			Comments
	LINER - GENERAL LINER DETAILS	V DRWG	H2301-P59-130750-SL1									2/15/2012					RS			Comments
	LIFT C - ELEVATION	V DRWG	H2301-P59-130750-SC1									2/15/2012					RS			Comments
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	7/12/2012	6/14/2012			RS			Comments
	FOUNDATION LOAD TABLE	V DRWG	ST11-115-405									5/18/2012	7/12/2012	6/14/2012			RS			Comments
	INLET DUCT SOUND SHROUD - UNITS 1-4 CALCULATIONS 1 OF 3	CALC	ST11-115-C PART 1									5/18/2012	7/12/2012	6/14/2012			RS			Comments
	INLET DUCT SOUND SHROUD - UNITS 1-4 CALCULATIONS 2 OF 3	CALC	ST11-115-C PART 2									5/18/2012	7/12/2012	6/14/2012			RS			Comments
	INLET DUCT SOUND SHROUD - UNITS 1-4 CALCULATIONS 3 OF 3	CALC	ST11-115-C PART 3									5/18/2012	7/12/2012	6/14/2012			RS			Comments
~~**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		7/27/2012	07/18/12		RS			Submitted
	SCR FAN FOUNDATION PRE-POUR EMBEDMENT PLAN	DRWG	SF-076A			09/02/11						10/10/11		6/26/2012	07/18/12		RS			Approved
	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
	SCR FOUNDATION - TAS FANS - PLATFORM AND LADDER ANCHOR BOLTS	CALC	9.41E-01									6/25/2012			07/18/12		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			Comments
EXHAUST TRANSTION	SIEMENS - CALCULATIONS	V DRWG	201-CA-0017-001			05/16/12											RS			Comments
	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		KPE2 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
C00LING 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	7/27/2012	06/28/12		RS			Submitted
	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
	FUEL GAS HEATER ACCESS PLATFORM STEEL PLAN, SECTIONS AND DETAILS - CALCS	CALS	9.41E+00									7/12/2012					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	7/6/2012	5/16/2012			RS			Comments
	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			Comments
		V Dwg	201-GA-0012											2/10/2012			RS			Comments
	STATIC START EQUIPMENT CONTAINER GERNERAL ARRANGEMENT & OUTLINE 201-GA-0012-001 SFC SEE 1	VDWG	11110008-100 2 OF 13									5/16/2012	7/6/2012				RS			Comments
	STATIC START EQUIPMENT CONTAINER GERNERAL ARRANGEMENT & OUTLINE 201-GA-0012-001 SFC SEE 2	VDWG	11110008-100 3 OF 13									5/16/2012	7/6/2012				RS			Comments
	STATIC START EQUIPMENT CONTAINER GERNERAL ARRANGEMENT & OUTLINE 201-GA-0012-001 SFC SEE 3	VDWG	11110008-100 5 OF 13									5/16/2012	7/6/2012				RS			Comments
	STATIC START EQUIPMENT CONTAINER GERNERAL ARRANGEMENT & OUTLINE 201-GA-0012-001 SFC SEE 4	VDWG	11110008-100 11 OF 13									5/16/2012	7/6/2012				RS			Comments
	STATIC START EQUIPMENT CONTAINER GERNERAL ARRANGEMENT & OUTLINE 201-GA-0012-001 SFC SEE 5	VDWG	11110008-100 12 OF 13									5/16/2012	7/6/2012				RS			Comments
	STATIC START EQUIPMENT CONTAINER GERNERAL ARRANGEMENT & OUTLINE 201-GA-0012-001 SFC SEE 6	VDWG	11110008-100 13 OF 13									5/16/2012	7/6/2012				RS			Comments
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	7/17/2012			RS			Submitted
	ACCESS FLOOR PLAN	AF-1	18" Acess floor									4/5/2012	6/20/121	7/17/2012			RS			Submitted
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	7/12/2012	7/31/2012						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	7/18/2012			RS			Submitted
	FGCB ARCHITECTURE FOR CONSTRUCTION	V DWG	A-G001										6/13/2012	7/18/2012			RS			Submitted
	FGCB ARCHITECTURE FOR CONSTRUCTION	V DWG	A-G010										6/13/2012	7/18/2012			RS			Submitted
	FGCB ARCHITECTURE FOR CONSTRUCTION	V DWG	A-G100										6/13/2012	7/18/2012			RS			Submitted
	FGCB ARCHITECTURE FOR CONSTRUCTION	V DWG	A-G201										6/13/2012	7/18/2012			RS			Submitted
	FGCB ARCHITECTURE FOR CONSTRUCTION	V DWG	A-G211										6/13/2012	7/18/2012			RS			Submitted
	FGCB ARCHITECTURE FOR CONSTRUCTION	V DWG	A-G212										6/13/2012	7/18/2012			RS			Submitted
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
	AFCU & PUMP SKID ANCHORAGE	CALC	910O-03									6/26/2012			07/16/12		RS			Approved
	SCR PIPE SUPPORT ANCHOR DESIGN	CALC	910O-04									6/26/2012			07/16/12		RS			Approved
	HEADER SUPPORT TOE FOUNDATION DESIGN	CALC	910O-05									6/26/2012			07/16/12		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	07/16/12		RS			Approved
	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		7/27/2012	07/16/12		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	07/16/12		RS			Approved
	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	07/16/12		RS			Approved
	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	07/16/12		RS			Approved
	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		7/27/2012	07/16/12		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	07/17/12				RS			Comments
	PIPE SUPPORT - WAREHOUSE WATER TREATMENT BUILDING	DRWG	ST-015									04/06/12	07/17/12		06/15/12		RS			Comments
	PIPE SUPPORT - SERVICE PUMP AREA	DRWG	ST-016									04/06/12	07/17/12		06/15/12		RS			Comments
	CTG FIRE PROTECTION AND RAW WATER PIPE SUPPORT LCOATION PLAN	DRWG	ST-017									06/15/12	07/17/12				RS			Comments
	PIPE SUPPORT SECTIONS AND DETAILS	DRWG	ST-018									04/06/12	07/17/12		06/15/12		RS			Comments
	PIPE SUPPORT - SECTIONS AND DETAILS	DRWG	ST-019									06/15/12	07/17/12				RS			Comments
	PIPE SUPPORT - CALCULATIONS	CALC	942A-02									04/06/12	07/17/12		06/15/12		RS			Comments
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			Comments
	MISC PIPE SUPPORT FOUNDATION - CALCULATIONS	CALC	910R-17									06/26/12					RS			Comments
STRUC-4																				
STRUC-4-1.0	AQUEOUS AMMONIA TANK EVALUATION	VDOC										07/02/12					JA			Submitted
	TANK UPGRADE SKETCH	VDRWG										07/02/12					JA			Submitted
	AQUEOUS AMMONIA TANK U-1A REPORT	VDOC										07/02/12					JA			Submitted
	AQUEOUS AMMONIA STORAGE TANK GA	VDRWG	BTC-5135									07/02/12					JA			Submitted
STRUC-4-2.0	CONSERVATOR TANK GA	VDRWG	B-10136									08/01/12					JA			Submitted
	GSU OUTLINE DRAWING	VDRWG	D-7309									08/01/12					JA			Submitted
STRUC-4-3.0	350 GALLON CHEM TOTE GA	VDRWG	370494									08/01/12					JA			Submitted
STRUC-4-4.0	OUTLINE DRAWING FOR TRANSFORMER	VDRWG	TL2142-A01									08/01/12					JA			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		07/30/12	02/23/12		LG			Submitted
	Switchyard Three-Line Diagram	DRWG	PDS-011	10/28/2011	10/28/2011					1/12/2012	1/12/2012	2/17/2012		07/30/12	02/23/12		LG			Submitted
	Switchyard Three-Line Diagram	DRWG	PDS-012	10/28/2011	10/28/2011					1/12/2012	1/12/2012	2/17/2012		07/30/12	02/23/12		LG			Submitted
	Switchyard Three-Line Diagram	DRWG	PDS-013	10/28/2011	10/28/2011					1/12/2012	1/12/2012	2/17/2012		07/30/12	02/23/12		LG			Submitted
	Switchyard Three-Line Diagram	DRWG	PDS-014	10/28/2011	10/28/2011					1/12/2012	1/12/2012	2/17/2012		07/30/12	02/23/12		LG			Submitted
	Switchyard Three-Line Diagram	DRWG	PDS-015	10/28/2011	10/28/2011							2/17/2012		07/30/12	02/23/12		LG			Submitted
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	1766	
Comments	237	13.4%
Submitted	166	9.4%
Approved	1287	72.9%
Not Submitted	76	4.3%
		100%

Name CONTRA COSTA COUNTY-CBO

	St	Assignment	DocumentNo	Reference	Type	Doc. Date	Pstng Date	PK	Amount in DC	Curr.	Check number	User Name
		11	5100000078	11	RN	11/01/2011	11/17/2011	31	79,630.00-	USD	1068405	00928048
			2000000120		ZV	12/20/2011	12/20/2011	25	79,630.00	USD	1069256	BATCH_FI
		012	5100000087	012	RN	12/01/2011	12/20/2011	31	79,630.00-	USD	1069256	00928052
			2000000131		ZV	01/13/2012	01/13/2012	25	79,630.00	USD	1069992	BATCH_FI
		013	5100000093	013	RN	01/13/2012	01/13/2012	31	79,630.00-	USD	1069992	00928189
			2000000144		ZV	02/10/2012	02/10/2012	25	79,630.00	USD	1070626	BATCH_FI
		014	5100000111	014	RN	02/01/2012	02/10/2012	31	79,630.00-	USD	1070626	00211745
			2000000161		ZV	03/20/2012	03/20/2012	25	79,630.00	USD	1071398	BATCH_FI
		015	5100000122	015	RN	03/01/2012	03/20/2012	31	79,630.00-	USD	1071398	00928189
			2000000195		ZV	04/18/2012	04/18/2012	25	79,630.00	USD	1072050	BATCH_FI
		016	5100000133	016	RN	04/02/2012	04/18/2012	31	79,630.00-	USD	1072050	00928189
			2000000206		ZV	05/17/2012	05/17/2012	25	79,630.00	USD	1072709	BATCH_FI
		017	5100000147	017	RN	05/01/2012	05/17/2012	31	79,630.00-	USD	1072709	00928200
			2000000226		ZV	06/21/2012	06/21/2012	25	79,630.00	USD	1073357	BATCH_FI
		018	5100000157	018	RN	06/01/2012	06/21/2012	31	79,630.00-	USD	1073357	00211745
			2000000235		ZV	07/02/2012	07/02/2012	25	2,300.00	USD	1073613	BATCH_FI
		062512	1700000188	062512	KN	06/25/2012	07/01/2012	31	2,300.00-	USD	1073613	110508
			2000000237		ZV	07/10/2012	07/10/2012	25	79,630.00	USD	1073801	BATCH_FI
		019	5100000168	019	RN	07/02/2012	07/10/2012	31	79,630.00-	USD	1073801	00928200
*									0.00	USD		

Subsection 2.20(GEN-8)

As of 7-31-2012

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 : July 11, 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-1-4.4 (CBO-0812)
Approved

ELEC-1-4.0 (CBO-0811)
Approved

MECH-1-62.2 (CBO-0804)
Approved with Fire Approval

MECH-1-12.0 (CBO-0778)
Approved (Partial Return of Remaining Drawings)

ELEC-1-28.0 (CBO-0814)
Reviewed for Reference Only

ELEC-1-27.0 (CBO-0795)
Reviewed for Reference Only

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-1-27.0 **CBO-0795** **File No** 015F

Document Type	Dwg No _Rev	Rev Date	Description	CCC Eng	Apv Date	Upload / Rtn Date	Comments
Docs	E-0002 Electrical Systems Ana		Electrical Systems Analysis Calculation Sheets	MT		7/11/2012	Reviewed for Reference Only
Calcs	Panel board KAIC Calc		Panel Board Short Circuit Calculations	MT		7/11/2012	Reviewed for Reference Only

Title ELEC-1-28.0 **CBO-0814** **File No** 015F

Document Type	Dwg No Rev	Rev Date	Description	CCC Eng	Apv Date	Upload / Rtn Date	Comments
Docs	2009-019-E-0006 revA		Relay Coordination Study	MT		7/11/2012	Reviewed for Reference Only

Title ELEC-1-4.0 **CBO-0811** **File No** 015F

Document Type	Dwg No _Rev	Rev Date	Description	CCC Eng	Apv Date	Upload / Rtn Date	Comments
Drawing	2009-019-EG-900 rev1	06/27/12	Electrical Grounding Installtion Details	MT	7/9/2012	7/11/2012	Approved

Title ELEC-1-4.4 **CBO-0812** **File No** 015F

Document Type	Dwg No Rev	Rev Date	Description	CCC Eng	Apv Date	Upload / Rtn Date	Comments
Drawing	2009-019-EG-003 rev0		Electrical Grounding Layout Roadway Lighting Grounding	MT	7/9/2012	7/11/2012	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
Drawing	2009-019-0SWT6046-1 rev1	05/29/12	Large Bore Fabrication Isometric SWT - Service Water Treatment	MT	7/9/2012	7/11/2012	Approved

Drawing	2009-019-0SWT6054-1 rev2	05/29/12	Large Bore Fabrication Isometric SWT - Service Water Treatment	MT	7/9/2012	7/11/2012	Approved
Drawing	2009-019-0SWT6058-1 rev2	05/29/12	Large Bore Fabrication Isometric SWT - Service Water Treatment	MT	7/9/2012	7/11/2012	Approved
Drawing	2009-019-0SWT6060-1 rev2	05/29/12	Large Bore Fabrication Isometric SWT - Service Water Treatment	MT	7/9/2012	7/11/2012	Approved
Drawing	2009-019-0SWT6067-1 rev1	05/29/12	Large Bore Fabrication Isometric SWT - Service Water Treatment	MT	7/9/2012	7/11/2012	Approved

Title **MECH-1-62.2** **CBO-0804** **File No** **015F**

Document Type	*Dwg No Rev*	*Rev Date*	*Description*	*CCC Eng*	*Apv Date*	*Upload / Rtn Date*	*Comments*
Docs	Marshlanding Fire Smoke Co		Fire Smoke Comb Dampers	MT	7/9/2012	7/11/2012	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 : July 19, 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.

ELEC-1-4.0 (CBO-0820)
Approved

ELEC-1-7.0 (CBO-0810)
Approved

MECH-1-12.0 (CBO-0817)
Approved

MECH-1-42.0 (CBO-0818)
Approved

MECH-1-41.0 (CBO-0819)
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-1-4.0 **CBO-0820** **File No** 015F

Document Type	Dwg No _Rev	Rev Date	Description	CCC Eng	Apv Date	Upload / Rtn Date	Comments
Drawing	2009-019-EG-900 rev2	07/10/12	Electrical Grounding Layout - Installation Details	MT	7/17/2012	7/19/2012	Approved

Title ELEC-1-7.0 **CBO-0810** **File No** 015F

Document Type	Dwg No Rev	Rev Date	Description	CCC Eng	Apv Date	Upload / Rtn Date	Comments
Drawing	2009-019-EG-001 rev4	06/27/12	Electrical Grounding Layout Site Key Plan	MT	7/17/2012	7/19/2012	Approved

Title MECH-1-12.0 **CBO-0817** **File No** 015F

Document Type	Dwg No _Rev	Rev Date	Description	CCC Eng	Apv Date	Upload / Rtn Date	Comments
Drawing	2009-019-0SWT6021-1 rev3	07/09/12	Large Bore Fabrication Isometric SWT - Service Water Treatment	MT	7/17/2012	7/19/2012	Approved
Drawing	2009-019-0SWT6022-1 rev3	07/09/12	Large Bore Fabrication Isometric SWT - Service Water Treatment	MT	7/17/2012	7/19/2012	Approved

Title MECH-1-41.0 **CBO-0819** **File No** 015F

Document Type	Dwg No Rev	Rev Date	Description	CCC Eng	Apv Date	Upload / Rtn Date	Comments
Drawing	2009-019-0PWS6003-1 rev2	07/09/12	Large Bore Fabrication Isometric PWS - Potable Water	MT	7/17/2012	7/19/2012	Approved
Drawing	2009-019-0PWS6024-1 rev2	07/09/12	Large Bore Fabrication Isometric PWS - Potable Water	MT	7/17/2012	7/19/2012	Approved
Drawing	2009-019-0PWS6026-1 rev2	07/09/12	Large Bore Fabrication Isometric PWS - Potable Water	MT	7/17/2012	7/19/2012	Approved

Title	MECH-1-42.0	CBO-0818	File No 015F

Document Type	Dwg No _Rev	Rev Date	Description	CCC Eng	Apv Date	Upload / Rtn Date	Comments
Drawing	2009-019-0RWS6013-1 rev2	07/09/12	Large Bore Fabrication Isometric RWS - Raw Water	MT	7/17/2012	7/19/2012	Approved

Subsection 2.05(BIO-4)

As of 7-31-12

Worker Environmental Awareness Program Matrix

Date	June-12	To-Date
7/31/2012	**32**	**859**

Marsh Landing Generating Station

WORKER ENVIRONMENTAL AWARENESS PROGRAM
WORKER TRAINING ATTENDANCE RECORD

Trainer: Bradley Schieckoff
Date: 7/13/12
Training: WEAP & Env Indoc
(For Office Use Only)

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.		Duane Wonda	NewTon	7-13-12
2.		Kevin Brady	Newton	7/13/12
3.		Daphne Brown	Kiewit	7/13/12
4.		JEFF CRITCH	KIEWIT	7-13-12
5.		Shawn Gouchen	Kiewit	7/13/12
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Trainer:	Ryan Ponnish
Date:	7/19/12
Training:	WEAP + End. 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.		Cathy Pantain	Kiewit	7/19/12
2.		Mike Hamilton	Kiewit	7/19/12
3.		STEVE SCOTT	KIEWIT	7-18-12
4.		WARD Hoge	KIEWIT	7-19-12
5.		Phil Orduna	KIEWIT	7-19-12
6.		John Dutton	Kiewit	7-19-12
7.		BRUCE LAGE	Kiewit	7-19-12
8.		Ron Kirchner	Kiewit	7-19-12
9.		CAREY STROCK	Kiewit	7-18-12
10.		JIM SAATHOFF	KIEWIT	7-19-12
11.		DAVID STOW	KIEWIT	7-19-12
12.		JESSE ROSE	KIEWIT	7/19/12
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Marsh Landing Generating Station

WORKER ENVIRONMENTAL AWARENESS PROGRAM
WORKER TRAINING ATTENDANCE RECORD

Trainer: Bradley Schieckoff
Date: 7/20/12
Training: Weap + Env Indoc
(For Office Use Only)

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.		Emilio Aparicio	Kiewit	7/20/12
2.		Jose Pinedo	Newtron	7/20/12
3.		Joshua Stetson	Newtron	7-20-12
4.		Travis Steck	PCI	7-20-12
5.	Waldo Adriano	Waldo Adriano	PCI	7-20-12
6.		Tonya Lawrence	Kiewit	7/20/12
7.		Steven Young	Kiewit	7/20/12
8.		Nicholas Peterson	Kiewit	7/20/12
9.		Bill Thomason	Kiewit	7/20/12
10.		PATRICK TARANGO	Kiewit	7/20/12
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Marsh Landing Generating Station

WORKER ENVIRONMENTAL AWARENESS PROGRAM
WORKER TRAINING ATTENDANCE RECORD

Trainer: Brad Schiechoff
Date: 7/27/12
Training: Weap + Env Indoc
(For Office Use Only)

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.		RIGO MENDEZ	KIEWIT	7/26/12
2.		Erik Sherry	Kiewit	7/27/12
3.		JAKE KASSIS	PCI	07/27/12
4.		Chris Dahl	Kiewit	7/27/12
5.		BOB MATHEWS	Kiewit	7/27/12
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Paleontological Resources Report Subsection 2.24
Marsh Landing Generating Station (08-AFC-3C)

July 2012

August 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, 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 July 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 July 2012. In addition to monitoring ground disturbing activities, the PRMs periodically surveyed recently disturbed soils throughout the project site.

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, July 2012

Date	Monitors	Activities/Observations	Discoveries
7.02.2012	Annette Cornelius	Searched sample concentrate from home	None
7.03.2012	Annette Cornelius	Monitored all project and screenwash area	None
706.2012	Annette Cornelius	Monitored fuel/gas NW of Power Block 1	None
7.10.2012	Annette Cornelius	Monitored grounding trench from parking lot to PB 4	None
7.11.2012	Annette Cornelius	Monitored grounding tie-in and east power block 4/search sample 6R concentrate Separator/Washed a 5 gallon bucket of sediments from 6L	None
7.13.2012	Annette Cornelius	Spot check project and monitor grounding trenches	None
7.16.2012	Annette Cornelius	Monitored TTR grounding trench south and switchyard	None
7.17.2012	Annette Cornelius	Light connection/no excavations	None
7.19.2012	Annette Cornelius	Monitored fire hydrant install and south end of power blocks 3/4	None
7.20.2012	Annette Cornelius	Monitored fire hydrant install, swale to 9.5 feet, and monopole 4	None
7.23.2012	Annette Cornelius	Monitored swale, fire hydrant, and south of power block 4	None
7.24.2012	Annette Cornelius	Monitored swale and storm drain south of power block 4	None
7.25.2012	Annette Cornelius	Monitored storm drain, southwest corner of project, south of powerblock 4	None

7.26.2012	Richard Serrano	Monitored the storm drain northwest corner of the GenOn parking lot	None
7.27.2012	Richard Serrano	Monitored the storm drain off the northwest of GenOn parking lot	None
7.30.2012	Annette Cornelius	Monitored the storm drain line on northeast corner of project, switchyard trenching, and post hole augering	None
7.31.2012	Annette Cornelius	Monitored storm drain at northeast corner of project, post hole augering at switchyard, and searched sample 6R concentrate	None

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 July 2012. One monitor was onsite per day on July 3, 6, 10, 11, 13, 16, 17, 19, 20, 23, 24, 25, 26, 27, 30, and 31, 2012. All ground disturbing activities in previously undisturbed sediments throughout the MLGS project area were monitored. No potential paleontological resources were discovered during the month.

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
July 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: 2 July 2012

Page: 1 of 1

Monitor: Annette Cornelius

Total Hrs: 6 **Total Mi:** Ø

Project areas monitored: NOT AT MLGS searching sample concentrate

Time in: 8:00 AM

Time out: 2:30 pm

Fossils: none observed

Stratigraphy: (turbidites / bioturbation / channels / beds / laminations / massive / contacts / faults

fine to coarse grained with large flakes of 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 / none

Mineralization: caliche / siliceous / paleosol / alluvium / lag deposits / none

Site conditions & personnel: (non-compliance / hazards / weather / safety concerns / visitors)

Ø

Excavation conditions: (status / equipment / cuts / access) Ø

Other Observations & Comments:

6L and 6R

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: 3 July 2012

Page: 1 of 1

Monitor: Annette Cornelius

Total Hrs: 4 **Total Mi:** 160

Project areas monitored: all project; Screenwash area

Time in: 6:45 Am

Time out: 10:45 Am

Fossils: none observed

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)

Excavation conditions: (status / equipment / cuts / access) either above required monitoring limits or re-excavating trench.; confirm w/ Jason the elevation under

Other Observations & Comments: existing utility trench (B Fickler) was previously excavated - confirmed.

Screen wash 7R

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 July 2012

Page: 1 of 1

Monitor: Annette Cornelius

Total Hrs: 8 **Total Mi:** 160

Project areas monitored: fuel/gas line NW of Power Block 1

Time in: 7:00 Am

Time out: 3:30 pm

Fossils: none observed

Stratigraphy: (turbidites / bioturbation / channels / beds / laminations / massive / contacts / faults

from ≈ 15 ft elev to 9.3 ft elev.

@ 11.8 ft elev orange clay / pebbles ≈ 6-12 inch thick for 7 ft then 4 ft hiatus (previously excavated out) then orange clay again ≈ 12.1 ft elevation

Lithology: ***Grain size:*** (F / M / C) ***Color:*** tan brown ***Texture:*** _____ ***Sorting:*** 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)

warm ≈ 90°

Excavation conditions: (status / equipment / cuts / access) See Stratigraphy above

N/S trending trench; 2 ft wide ≈ 20 ft long

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: 10 July 2012

Page: 1 of 1

Monitor: Annette Cornelius

Total Hrs: 10 Total Mi: 160

Project areas monitored: grounding trench from parking lot to PB4.

Time in: 7:00 Am

Time out: 5:30 pm

Fossils: none observed

Stratigraphy: (turbidites / bioturbation / channels / beds / laminations / massive / contacts / faults

turbidite sequencing, rodent burrows in bottom of trench @ 7.5 ft elev. 10-9 ft elev gravel / road base; 9-9.5/8 ft elev tan/brown with slightly darker turbidite sequencing; 9.5/8 - 7.5 dark

Lithology: Grain size: (F / M / C) Color: tan yellow brown / brown to dark brown Texture: Sorting: well

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)

100°+

Excavation conditions: (status / equipment / cuts / access)

to 7.5 ft elevation (with small portion to 7 ft elev.) app 100 ft

Other Observations & Comments:

unit excavations to complete the trench tomorrow

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: 11 July 2012

Page: 1 of 1

Monitor: Annette Cornelius

Total Hrs: 4+2 **Total Mi:** 160

Project areas monitored: grounding tie-in East Power Block 4; searched GR simple concentrate

Time in: 6:55 Am

Time out: 8:30 Am

Fossils: none observed

Stratigraphy: (turbidites / bioturbation / channels / beds / laminations / massive / contacts / faults

sequence of turbidites above transite pipe (top of pipe ~7.5 ft elev.) and below orange clay layer

Lithology: *Grain size:* (F / M / C) *Color:* _____ *Texture:* _____ *Sorting:* 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)

continued excavations from yesterday.

Excavation conditions: (status / equipment / cuts / access)

4 ft long, 1 ft wide, 1.5 ft into native (4 ft deep)

Other Observations & Comments:

walked around site to 'spot check' - no excavations into native. searched GR

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 July 2012

Page: 1 of 1

Monitor: Annette Cornelius

Total Hrs: 8 **Total Mi:** 160

Project areas monitored: Spot check project - monitor grounding trenches

Time in: 7:00 AM

Time out: 3:30 pm

Fossils: none observed during monitoring

Stratigraphy: (turbidites / bioturbation / channels / beds / laminations / massive / contacts / faults

turbidity sequencing observed in trenches.
brown to yellow brown, fine grained silty sand, with some organic rich

Lithology: *Grain size:* (F / M / C) **Color:** brown to yellow brown with some dark brown (5%) **Texture:** **Sorting:** 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) (5 of 8 into native ie necessary for monitoring)

During spot check informed ~~of~~ trench - grounding tie-in excavations to 9.2 ft elevation or greater. Informed Archeo, supervisor, and client *

Excavation conditions: (status / equipment / cuts / access) 10-15 ~~20~~ ft long and 2 ft wide

Other Observations & Comments: (* cont from site conditions)

will stay to monitor for the ~~day~~ and will cover cultural if necessary. as necessary

cultural coming out - excavations done sooner than expected due to help with sub excavating and last 3 trenches not in native. ~~left~~ continued excavations same trenches by TTR subcontractor for switch yard & offsite w/ no TTR excavations resume on Monday

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: 16 July 2012

Page: 1 of 1

Monitor: Annette Cornelius

Total Hrs: 6+2 Total Mi: 160

Project areas monitored:

TTR grounding trench south of switch yard

Time in: 6:45 am

Time out: 1:30 pm

Fossils: none observed

Stratigraphy: (turbidites / bioturbation / channels / beds / laminations / massive / contacts / faults

orange clay layer @ 9-9.5 ft elev (spotty - no consistant in entire length of trenches) no other stratigraphy identified in trenches

Lithology: Grain size: (F / M / C) Color: tan Texture: Sorting: 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)

Excavation conditions: (status / equipment / cuts / access) little excavator w/ 1 ft wide bucket and med excavator w/ 2 ft wide bucket; down to 8.7 ft elevation at the deepest cut

Other Observations & Comments: approximately 200 ft. of trench excavated

one E/W trench; 5 N/S short trenches

[two additional hours for reporting geology for project]

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: 17 July 2012

Page: 1 of 1

Monitor: Annette Cornelius

Total Hrs: ~~8~~ 7.5 Total Mi: 160

Project areas monitored:

Time in: 6:45 AM

Time out: 3:00

Lighting connection - no excavations for the day

Fossils: none observed

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)

Excavation conditions: (status / equipment / cuts / access)

Other Observations & Comments: Jason stated a 7 min excavations would occur later in the day. excavations @ NW corner of project - west of agreas amonia - to 11 ft deep - no need to monitor

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: 19 July 2012

Page: 1 of 1

Monitor: Annette Cornelius

Total Hrs: 5.5 Total Mi: 160

Project areas monitored: Fire hydrant install Powerblocks 3/4 South end

Time in: 6:50 Am

Time out: 1:00 pm

Fossils: none observed

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)

Excavation conditions: (status / equipment / cuts / access)

Other Observations & Comments: 7:00 Am Jason stated fire hydrant install. 12:45 confirmed with Josh and Jason no " excavations until tomorrow.

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: 20 July 2012

Page: 1 of 1

Monitor: Annette Cornelius

Total Hrs: 8 Total Mi: 160

Project areas monitored: fire hydrant install @ monopole #4 + and swale to 9.5 ft elev

Time in: 6:50

Time out: 3:30

Fossils: none observed

Stratigraphy: (turbidites / bioturbation / channels / beds / laminations / massive / contacts / faults

Sand dune deposit

South of Power Block + dark layer @ approx 9.5 ft elevation

Lithology: Grain size: (F / M / C) Color: tan to dk brown Texture: Sorting: 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)

Excavation conditions: (status / equipment / cuts / access) to 8.6 ft elev w/ excavator for fire hydrant

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: 23 July 2012

Page: 1 of 1

Monitor: Annette Cornelius

Total Hrs: 7.75 Total Mi: 160

Project areas monitored: swale / fire hydrant south of Power Block #1

Time in: 6:50 am

Time out: 3:15 pm

Fossils: none observed in switchyard continued

Stratigraphy: (turbidites / bioturbation / channels / beds / laminations / massive / contacts / faults

sand dunes deposit - no stratigraphy observed in fire hydrant excavations

Lithology: Grain size: (F / M / C) Color: tan Texture: Sorting: well

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 / breezy

Excavation conditions: (status / equipment / cuts / access) fire hydrant to ≈ 8.5 ft elev to expose valve south of Fri excavations and cut an access trench

Other Observations & Comments: swale to wet 2.2 ft down to 9.3 ft elev w/ box grader spot check - no other excavations below 8/10 ft elevation requiring monitoring

per Josh @ 2:00 pm will hit native

per Larry @ 3:00 pm will not hit native - continue tomorrow

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: 24 July 2012

Page: 1 of 1

Monitor: Annette Cornelius

Total Hrs: 8 Total Mi: 160

Project areas monitored: swale/storm drain south of Power Block #4

Time in: 6:50

Time out: 3:30

Fossils:

Stratigraphy: (turbidites / bioturbation / channels / beds / laminations / massive / contacts / faults

~~[illegible]~~ sand dune deposit

dk brown and orange clay observed @ 10/9.4 elev

possible turbidite sequencing observed

Lithology: Grain size: (F / M / C) Color: dk brown to med to tan 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)

Excavation conditions: (status / equipment / cuts / access) box scraper to 9.3ft elev

Other Observations & Comments:

witch/ditch trenching 1-1.5ft deep NE corner of Power Block 3

no need to monitor

did not get to storm drain - tomorrow

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: 25 July 2012

Page: 1 of 1

Monitor: Annette Cornelius

Total Hrs: 7.25 Total Mi: 160

Project areas monitored: storm drain ~~SE~~ southeast corner of project

Time in: 6:55 Am

Time out: 2:15 pm

Fossils: none observed south of Power Block 4

Stratigraphy: (turbidites / bioturbation / channels / beds / laminations / massive / contacts / faults

sand dune deposit
dark layer @ 9.5 ft elev
some mottling 9.5 and 9.35 ft elev.

Lithology: Grain size: (E / M / C) Color: tan/brown/dk brown Texture: Sorting: 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)

Excavation conditions: (status / equipment / cuts / access) box grader and excavator down to 9.35 ft elevation

Other Observations & Comments:

Confirmed with Jason/Larry no excavations after 2:15

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: 7/26/2012

Page: 1 of 1

Monitor: Richard Serrano

Total Hrs: 8 Total Mi: 257

Time in: 6:40 AM

Time out: 3:30PM

Project areas monitored:
N/W Corner of Gen'l parking lot

Fossils: No fossil discoveries were made today.

Stratigraphy: (turbidites / bioturbation / channels / beds / laminations / massive / contacts / faults
None visable in today's excavations.

Lithology: Grain size: (F/M/C) Color: Tan / dark brn 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 / n/a

Site conditions & personnel: (non-compliance / hazards / weather / safety concerns / visitors)
Clear, Sunny, 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 325D excavator.

Other Observations & Comments:
Monitor excavations for Storm drain at N/W Corner of Gen'l parking lot. Depth of today's work was to a depth of ~5ft.

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 ARCHAEOLOGICAL FIELD SUMMARY

Project Name: Marsh Landing

Project Number: 28067550

Project Location: Marsh Landing

County: Contra Costa

Date: July 27 2012

Page: ___ of ___

Monitor: Richard Serrano

Total Hrs: 8.0 Total Mi: 257

Project areas monitored: N/W corner of GenOn parking lots

Time In: 6:43 AM

Time out: 3:30 PM

Fossils: No fossil discoveries were made today.

Stratigraphy: (turbidites / bioturbation / channels / beds / laminations / massive / contacts / faults

No change to sediments.

Lithology: *Grain size:* (F / M / C) *Color:* Tan & dark brown *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)

Clear, Sunny Cool all day, Windy.

There were no safety concerns today.

Excavation conditions: (status / equipment / cuts / access) _____ Access was safe and good.

Excavations were done using a CAT 320 excavator.

Other Observations & Comments:

Monitor trenching for storm drain just off N/W corner of GenOn parking lots. Depth of trench is ~7 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 matm: _____

URS DAILY ARCHAEO/PALEO FIELD SUMMARY

Project Name: Marsh Landing

Project Number: 28067850

Project Location: Marsh Landing

County: Contra Costa

Date: 30 July 2012

Page: 1 of 1

Monitor: Annette Cornelius

Total Hrs: _____ Total Mi: 168

Project areas monitored: storm drain / line NE corner of project & switch yard trenching / post hole augering

Time in: 6:45 Am

Time out: 3:30

Fossils: none observed

Stratigraphy: (turbidites / bioturbation / channels / beds / laminations / massive / contacts / faults

orange clay 11.-10.5/10 ft elev ; 10.5/10 to 10.2/9.8 ft elev tan; 10.2/9.8 to bottom (3.7/5.3 ft elev) dark silty sand w/ brown mottling and turbidite @ bottom 2/2.5 ft (7-5/3 ft elev).

w/ some turbidites

possible higher clay content @ bottom of trench (lighter color and or excavator operator stated felt harder @ bottom)

[no stratigraphy (layering) observed for grounding trench south of switch yard

Lithology: Grain size: (F / M / C) Color: dk brown to brown/tan Texture: _____ Sorting: 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)

hot to 95°

Excavation conditions: (status / equipment / cuts / access) 2-3 ft bucket excavator, sub ex to 9.3 ft elev bottom of trench to between 3.7 and 5.3 ft elev 99 linear ft (heading south)

Other Observations & Comments: TTR grounding trench south of Power Block 4 to 2 10/9.4 elev 5 linear feet w/ Bobcat 1 ft bucket

TTR will be doing post hole augering w/ bobcat auger down 3.3 ft

Mark Contact for TTR will impact native south of Power Block 4 tomorrow

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: 31 July 2012

Page: 1 of 1

Monitor: Annette Grandics

Total Hrs: 6.5+1.5 Total Mi: 160

Project areas monitored: storm drain @ NE corner of project / post hole auguring @ switchyard

Time in: 6:50 am

Time out: 2 pm

Fossils:

Stratigraphy: (turbidites / bioturbation / channels / beds / laminations / massive / contacts / faults

not as much mottling / turbidity in side walls for manhole - manganese line @ ≈ 6.5/7 ft elev.; more clay content @ bottom 1 to 1.5 ft [5.2-3.7 ft elev]

switchyard excavation - yellow brown / tan / brown - dk brown approx 1-2 ft bgs to ag

Lithology: ~~Grain size:~~ (F / M / C) Color: dk brown to brown / yellow brown tan / tan 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)

hot 95° +

Excavation conditions: (status / equipment / cuts / access) 2-3 ft bucket on excavator to approx 3.7 ft elev @ manhole then head west

Other Observations & Comments: 1 ft bucket excavator on bobcat to approx 8.5/7 ft elev 7/5 linear feet

1 pm - post hole auguring tomorrow to ≈ 8 ft elev

per Jason finish storm drain E/W trending by tomorrow

NOTE: 1.5 hrs searching sand pit

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 7-31-2012

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 1, 2012
5.0 Currently in the process of drafing SWPPP Amendment # 3B due on September 2, 2012
6.0 Currently in the process of drafting SWPPP post runoff report which is due on September 13, 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 : July 17, 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-1-77.0 (CBO-0792) Returned with Comments	**STRUC-1-59.0 (CBO-0808)** 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-1-59.0 **CBO-0808** **File No** 015F

Document Type	Dwg No _Rev	Rev Date	Description	CCC Eng	Apv Date	Upload / Rtn Date	Comments
Drawing	2009-019-SF-021 rev3	06/26/12	SCR System Foundation Plan	FW	7/16/2012	7/17/2012	Approved
Drawing	2009-019-SF-023 rev2	06/26/12	SCR System Foundation Post-Pour Embedment Plan	FW	7/16/2012	7/17/2012	Approved
Drawing	2009-019-SF-024 rev3	06/26/12	SCR System Foundation Sections and Details	FW	7/16/2017	7/17/2012	Approved
Drawing	2009-019-SF-024A rev4	06/26/12	SCR System Foundation Sections and Details	FW	7/16/2012	7/17/2012	Approved
Drawing	2009-019-SF-025 rev3	06/26/12	SCR System Foundation Anchor Bolt Sections and Details	FW	7/16/2012	7/17/2012	Approved
Drawing	2009-019-SF-025A rev2	06/26/12	SCR System Foundation Anchor Bolt Sections and Details	FW	7/16/2012	7/17/2012	Approved
Calcs	910O-03 rev0		AFCU & Pump Skid Anchorage	FW	7/16/2012	7/17/2012	Approved
Calcs	910O-04 rev0		SCR Pipe Support Anchor Design	FW	7/16/2012	7/17/2012	Approved
Calcs	910O-05 rev0		Header Support Toe Foundation Design	FW	7/16/2012	7/17/2012	Approved

Title STRUC-1-77.0 **CBO-0792** **File No** 015F

Document Type	Dwg No Rev	Rev Date	Description	CCC Eng	Apv Date	Upload / Rtn Date	Comments
Drawing	2009-019-ST-014 rev0		Instrument Air Pipe Supports Location Plan	FW		7/17/2012	Returned with Comments
Drawing	2009-019-ST-015 rev1	06/13/12	Warehouse Water Treatment Building Pipe Support Location Plan	FW		7/17/2012	Returned with Comments

Drawing	2009-019-ST-016 rev0.		General Service Pump Area Pipe Support Location Plan	FW	7/17/2012	Returned with Comments
Drawing	2009-019-ST-017 rev0		CTG, Fire Protection and Raw Water Pipe Support Location Plan	FW	7/17/2012	Returned with Comments
Drawing	2009-019-ST-018 rev1	06/13/12	Pipe Support Sections and Details	FW	7/17/2012	Returned with Comments
Drawing	2009-019-ST-019 rev0		Pipe Support Sections and Details	FW	7/17/2012	Returned with Comments
Calcs	942A-02 rev1	06/13/12	Calculation	FW	7/17/2012	Returned with Comments

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 : July 23, 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:

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-1-19.0 (CBO-0809)
Approved with Fire Approval

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-1-19.0 **CBO-0809** **File No** 015F

Document Type	Dwg No _Rev	Rev Date	Description	CCC Eng	Apv Date	Upload / Rtn Date	Comments
Drawing	2009-019-SF-076 rev2	06/25/12	SCR Fan Foundation Plan	FW	7/18/2012	7/23/2012	Approved with Fire Approval
Drawing	2009-019-SF-076A rev1	06/25/12	SCR Fan Foundation Air Tempering Ductwork Embedment Plan	FW	7/18/2012	7/23/2012	Approved with Fire Approval
Calcs	941E-03 rev0		SCR Foundation - TAS Fans - Platform and Ladder Anchor Bolts	FW	7/18/2012	7/23/2012	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 : July 25, 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-1-8.0 (CBO-0813)
Approved

ELEC-1-23.0 (CBO-0728)
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 ELEC-1-23.0 **CBO-0728** **File No** 015F

Document Type	Dwg No _Rev	Rev Date	Description	CCC Eng	Apv Date	Upload / Rtn Date	Comments
Drawing	2009-019-EW-910 rev1	05/03/12	Electrical Cable Racking Layout 5kV Vault	DS	7/25/2012	7/25/2012	Approved

Title STRUC-1-8.0 **CBO-0813** **File No** 015F

Document Type	Dwg No Rev	Rev Date	Description	CCC Eng	Apv Date	Upload / Rtn Date	Comments
Drawing	2009-019-SF-017 rev2	01/05/12	SCR System Unit #1 Foundation Piling Plan	FW	7/25/2012	7/25/2012	Approved
Drawing	2009-019-SF-018 rev2	01/05/12	SCR System Unit #2 Foundation Piling Plan	FW	7/25/2012	7/25/2012	Approved
Drawing	2009-019-SF-019 rev2	01/05/12	SCR System Unit #3 Foundation Piling Plan	FW	7/25/2012	7/25/2012	Approved
Drawing	2009-019-SF-020 rev2	01/05/12	SCR System Unit #4 Foundation Piling Plan	FW	7/25/2012	7/25/2012	Approved

Subsection 2.32(Waste 1)

As of -7-31-12

Asbestos Removal

<u>All work completed , no new removal</u>

Subsection 2.33(Worker Safety-3)
As of 7-31-2012

Days Without Incident	543 days(As of 2-14-2011)
No. of Employee Trained to Date (Kiewit Direct)	585
No. of Employee Trained to Date (Kiewit Subcontractor)	287
Safety Management Actions	0
Incident Alert	16
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.
12	7/6/2012	Injured employee was welding stainless steel bleed heat pipe overhead at unit 4 when some molten metal dripped off of the pipe and onto his thumb and shoulder. The molten metal burned through his glove and shirt. Each burn was cleaned and bandaged. The employee returned to work.
13	7/9/2012	Pipe Fitter Apprentice was fitting 8" & 10" pipe while wearing foam lined glasses when he felt some irritation in his eye. Safety cleaned his right eye and first aid responders confirmed that all the dust was removed.
14	7/12/2012	Boiler maker was removing a piece of temporary steel from the inside of the clean air plenum and lost control of the piece. The piece struck the employee between his leather gloves and his welding jacket and caused a slight abrasion. Abrasion was cleaned up and dressed and the employee returned to work.
15	7/13/2012	Boiler maker was installing grating in the upper elevation of the evaporative cooler service module. While placing the grating onto the supports, the employee had to shift his position and his right hand was pinched between the grating and the sheared vertical edge of the cooler. The sheared edge sliced through the leather gloves the employee was wearing and caused a laceration on his hand.
16	7/25/2012	Two Employees were loading turtle into the bucket of a skip loader. As the turtle went over the teetering point the employee's right middle finger was smashed between the turtle's frame and the top of the bucket on the skip loader.

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
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 3.0	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 compliance with the emission limitations specified in AQ-17. The source tests shall determine NOx, CO, and POC emissions during start-up and shutdown of the gas turbines. The POC emissions shall be analyzed for methane and ethane to account for the presence of unburned natural gas. The source test shall include a minimum of three start-up and three shutdown periods. Thirty working days before the execution of the source tests, the Owner/Operator shall submit to the District and the CEC Compliance Program Manager (CPM) a detailed source test plan designed to satisfy the requirements of this Part. The District and the CEC CPM will notify the Owner/Operator of any necessary modifications to the plan within 20 working days of receipt of the plan; otherwise, the plan shall be deemed approved. The Owner/Operator shall incorporate the District and CEC CPM comments into the test plan. The Owner/Operator shall notify the District and the CEC CPM within seven (7) working days prior to the planned source testing date. The owner/operator shall submit the source test results to the District and the CEC CPM within 60 days of the source testing date. (Basis: Regulation 2, Rule 2, Section 419).	Submit to the CPM and APCO for approval the commissioning plan as required in AQ-4.	Thirty working days before the execution of the source tests	10/14/12	KIEWIT			

Mirant Marsh Landing CEC Compliance Matrix

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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
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 with this limit, the operator of S-1, S-2, S-3 and S-4 shall sample and analyze the gas from each supply source at least monthly to determine the sulfur content of the gas. PG&E monthly sulfur data may be used provided that such data can be demonstrated to be representative of the gas delivered to the MLGS.	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 (AQ-SC8).	Quarterly	30 days after end of quarter	GenOn			
OPS 3.0	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			

Mirant Marsh Landing CEC Compliance Matrix

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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-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			
OPS 3.0	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	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	11/1/12	K&M			

Mirant Marsh Landing CEC Compliance Matrix

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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	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			
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	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 3.0	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			

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
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 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	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			
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	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			
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	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	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	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	As Required	As required	GenOn			

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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
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 3.0	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			
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 owner/operator shall test for (as a minimum):	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			

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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 3.0	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	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			
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			

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COMM 3.0	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			

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CONS 3.0	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	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 3.0	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		
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 each commissioning activity, the anticipated duration of each activity in hours, and the purpose of the activity. The activities described shall include, but not be limited to, the tuning of the Dry-Low-NOx combustors, the installation and operation of the required emission control	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 during the commissioning period and the anticipated duration of each commissioning activity.	Four weeks prior to first firing of GT during Commissioning	10/14/12	KIEWIT			

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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			
COMM 3.0	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	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	10/14/12	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			
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	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	10/14/12	KIEWIT			

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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 specified in AQ-22.	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 3.0	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			
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	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	60 days prior to the start of ground disturbance	1/24/11	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	1/24/11	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 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;	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	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			

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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	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	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	2/23/11	GenOn	10/13/10	2010-1361	Approved 10/29/2010
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			

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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			
PC-1 3.0	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	11/17/10	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	12/17/10	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	2/5/11	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	12/17/10	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	2/5/11	BIOLOGIST	3/8/2011 3/13/2012 5/21/2013		Approved, but ongoing review required. Request to remove hawk
OPS 3.0	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	3/20/11	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	3/20/11	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	3/20/11	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	3/20/11	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	3/20/11	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	2/23/11	GenOn	9/29/10	2010-1261 returned 10/4/10	Approved 10/4/2010 Approved Karin Beck as ACRS 2/24/12
CONS 3.0	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	3/5/11	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	3/15/11	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	2/23/11	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	2/23/11	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	2/23/11	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	2/23/11	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	2/23/11	GenOn	10/26/10	2010-1487	Approved 1/11/2011
CONS 3.0	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	9/1/12	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	2/18/11	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 3.0	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	3/20/11	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	3/20/11	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 Anselmo De Hero

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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 3.0	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	3/20/11	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	9/30/12	GenOn			Draft RMP sent to the CEC on 7/11/2012
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	9/30/12	GenOn			
CONS	HAZ-4	Design ammonia storage facility to either ASME Pressure Vessel Code and ANSI K61.6 or to API 620. Tanks 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	10/1/12	GenOn	8/3/12		
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	9/1/13	GenOn	8/3/12		
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	2/23/11	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	10/1/12	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	3/10/11	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	2/23/11	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	2/23/11	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	1/24/11	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	3/5/11	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	2/23/11	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	2/23/11	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	2/23/11	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	2/23/11	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	1/16/11	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	12/17/10	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	1/16/11	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.	3/20/11	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 3.0	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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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	10/31/12	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	10/31/12	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	12/17/10	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	11/17/10	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	3/20/11	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	3/12/12		
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	3/12/12		
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	3/12/12		
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	As required	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	11/23/12	GenOn			
CONS 3.0	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	11/24/12	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	12/1/12	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	3/1/13	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 Erickson
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-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	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	At least thirty (30) days prior to the start of any soil excavation or	3/20/11	GenOn	11/29/2010 6/28/2011	2010-1738 returned 12/3/2010	**Pending DTSC approval of plan letter.**
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 demolition	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	At least 30 days prior to the start of project-related demolition	1/16/11	GenOn	1/5/11	2011-0137	Approved 1/31/2011 No Paperwork
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	1/16/11	KIEWIT	11/24/10	2010-1730	Approved 1/18/2011

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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 handheld instruments, or other signs, the Professional Engineer or Professional Geologist	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 issued to halt construction.	Within 5 days of their receipt	As required	KIEWIT	4/15/2011 4/26/2011 10/14/2011 11/23/2011 12/14/2011		Oily dirt - East side Oily dirt- Middle of Power Block, 11/23/2011 addnl oil on East Side. Dec. 14 DTSC correspondence
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	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	Not less than 15 days prior to the start of project-related demolition	1/16/11	KIEWIT	12/02/2010 to City 12/03/2010 to CEC Resubmit to	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 were managed, and volumes of wastes diverted	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 Management Plan (as set forth by the city ordinance) and all necessary receipts or records of measurement from entities receiving project wastes.	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 construction.	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	1/31/11	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			

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
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 3.0	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 unauthorized releases and spills of hazardous substances, hazardous materials, or hazardous wastes that occur on the project property or related linear facilities as specified in the condition	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	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-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	2/23/11	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 a letter to the CPM from the CCC Fire	At least 30 days prior to first fire or commissioning	8/25/12	GenOn			
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	3/20/11	KIEWIT	11/18/2010 Kiewit		Approved (No Paperwork Given)

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
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	2/23/11	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)

3.0

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

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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

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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

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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)	Q3 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, SCRs, and stack internals. They will continue installing above ground piping and conduit, installing instrumentation, pulling and terminating electrical cable for all units.

Kiewit will continue finish work in Administration / Control Building. They will continue 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.

Kiewit Construction will continue turnover of plant systems to the Kiewit Startup Group.

9.0 Additions to the On-Site Compliance File

The following items were added to the compliance file:

Sub #	Conditions Submitted	Date of Submission
111	HAZ-2	July 11, 2012
112	BIO-7	July 13, 2012
114	Monthly Compliance Report – June 2012	July 16, 2012

Marsh Landing Generating Station

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10.0 Complaints, Notices of Violations, Official Warnings, Citations, and Corrective Actions Taken

Marsh Landing Generating Station

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11.0

Key Events List	
Date	Milestone
8/25/2010	Certification Date
9/21/2010	Obtain Site Control
5/1/2013	Online Date
2/15/2011	Start Site Mobilization
3/25/2011	Start Ground Disturbance
4/19/2011	Start Grading
4/19/2011	Start Construction
12/23/2011	Begin Pouring Major Foundation Concrete
12/29/2011	Begin Installation of Major Equipment
11/24/2011	First Combustion Gas Turbine
4/1/2013	Obtain Building Occupation Permit
5/1/2013	Start Commercial Operation
4/1/2013	Complete All Construction
5/1/2012	Start T/L Construction
11/30/2012	Synchronization with Grid and Interconnection
9/24/2012	Complete T/L Construction
9/29/2011	Start Gas Pipeline Construction and Interconnection
9/21/2012	Complete Gas Pipeline Construction
5/16/2011	Start Water Supply Line Construction
10/16/2012	Complete Water Supply Construction
3/25/2011	Obtain Authority to Construct Letter from CEC
1/31/2011	Obtain Asbestos Removal Letter from CEC

*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.