

Memorandum

Date: December 4, 2006
 Telephone: (916) 654-4996

To: Jackalyne Pfannenstiel, Chairman
 James D. Boyd, Vice Chair
 Arthur H. Rosenfeld, Ph.D., Commissioner
 John L. Geesman, Commissioner
 Jeffrey Byron, Commissioner

From: California Energy Commission -  B. B. Blevins
 1516 Ninth Street Executive Director
 Sacramento, CA 95814-5512

DOCKET			
06-AFC-9			
DATE	DEC	4	2006
RECD.	DEC	5	2006

Subject: **COLUSA GENERATING STATION, DATA ADEQUACY RECOMMENDATION
 (06-AFC-9)**

On November 6, 2006, E&L Westcoast, LLC (E&LW), submitted an Application for Certification (AFC), to construct and operate the Colusa Generating Station (CGS). E&LW has requested a 6-month AFC review process schedule. The proposed CGS would be a combined cycle power plant located in Colusa County. The CGS project would have a nominal electrical output of 660 megawatts (MW) with commercial operation planned by late spring 2010. The generating facility would include two 170 MW GE 7FA combustion turbine generators, one 320 MW steam turbine generator, and associated equipment. Under a contract executed earlier this year, E&LW would transfer the ownership and operation of the proposed power plant to Pacific Gas & Electric (PG&E) after completion of the commissioning period.

Staff has completed its data adequacy review of the CGS AFC and has determined that it does not contain all the information required by California Code of Regulations, Title 20, Division 2, Article 7, and Section 1704, Chapter 5, Appendix B, for the 6-month and 12-month AFC processes. Therefore, we recommend that the Energy Commission find the AFC inadequate and adopt the attached list of deficiencies. Of the 23 technical disciplines reviewed, we believe the information contained in the AFC is deficient in 5 technical areas. The sections of the AFC that require additional information to meet data adequacy requirements for the 6-month process are: Air Quality, Land Use, Noise, Transmission System Engineering, and Water Resources. For the 12 month process, additional information is needed for: Air Quality, Noise, and Transmission System Engineering.

Attached is a summary table of the data adequacy worksheets for all technical disciplines. The worksheets for the technical sections identify the additional information that we believe is necessary to fulfill the AFC data adequacy requirements.

At the Energy Commission's business meeting on December 13, 2006, I will recommend that the Energy Commission adopt the list of deficiencies and not accept the AFC as complete until the additional information specified in the data adequacy worksheets is provided.

If you have any questions, please call Jack W. Caswell, staff's Project Manager, at (916) 653-0062.

Attachments:

**ATTACHMENT A
OVERVIEW OF ENERGY COMMISSION STAFF'S
DATA ADEQUACY DETERMINATION
COLUSA GENERATING STATION
06-AFC-9**

TECHNICAL AREA	ATTACHMENT B PAGE NO	ADEQUATE? 6-MONTH	ADEQUATE? 12-MONTH
AIR QUALITY	4	NO	NO
ALTERNATIVES.....	13	N/A	YES
BIOLOGICAL RESOURCES	14	YES	YES
CULTURAL RESOURCES	20	YES	YES
EFFICIENCY	24	YES	YES
FACILITY DESIGN	27	YES	YES
GEOLOGICAL HAZARDS.....	31	YES	YES
HAZARDOUS MATERIALS.....	34	YES	YES
LAND USE	39	NO	YES
NOISE AND VIBRATION.....	44	NO	NO
PALEONTOLOGICAL RESOURCES.....	49	YES	YES
PROJECT OVERVIEW	52	YES	YES
PUBLIC HEALTH	56	YES	YES
RELIABILITY	60	YES	YES
SOCIOECONOMICS.....	64	YES	YES
SOILS	69	YES	YES
TRAFFIC AND TRANSPORTATION.....	72	YES	YES
T-LINE SAFETY AND NUISANCE	76	YES	YES
TRANSMISSION SYSTEM ENG.	79	NO	NO
VISUAL RESOURCES	86	YES	YES
WASTE MANAGEMENT	90	YES	YES
WATER RESOURCES	94	NO	YES
WORKER SAFETY.....	99	YES	YES

ATTACHMENT B

**ENERGY COMMISSION STAFF'S
List of Data Inadequacies**

**Colusa Generating Station
06-AFC-9**

December 4, 2006

Adequacy Issue: Adequate _____ Inadequate **DATA ADEQUACY WORKSHEET** Revision No. 0 Date December 4, 2006

(Six Month Expedited Process)

Technical Area: **Air Quality** Project: Colusa Generating Station Technical Staff: William Walters
 Project Manager: Jack Caswell Docket: 06-AFC-9 Technical Senior: Keith Golden

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
§2022(b)(1) (All)	Substantial evidence that the project as proposed in the application will comply with all standards, ordinances, and laws applicable at the time of certification including;			
§2022(b)(1)(A) (All)	A list of such standards, ordinances, and laws;	Table 8.1-29 page 8.1-53 to 8.1-55	Yes	
§2022(b)(1)(B) (All)	Information demonstrating that the project as proposed in the application will comply with all such standards, ordinances, and laws;	Section 8.1.2.4 page 8.1-11 to 8.1-12 Section 8.1.2.5 page 8.1-13 Section 8.1.5 page 8.1-15 to 8.1-23	Yes	
§2022(b)(1)(C) (All)	Where a standard, ordinance, or law is expected to change between the time of filing an application and certification, information from the responsible jurisdiction documenting the impending change, the schedule for enactment of the change, and whether the proposed project will comply with the changed standard, ordinance, or law.; and	N/A	N/A	
§2022(b)(1)(D) (All)	A list of the requirements for permitting by each federal, state, regional, and local agency that has jurisdiction over the proposed project or that would have jurisdiction, but for the exclusive jurisdiction of the commission, and the information necessary to meet those requirements;	Section 8.1.7 p. 8.1-31	Yes	
§2022(b)(2)	Substantial evidence that the project as proposed in the application will not cause a significant adverse impact on the environment, including the following:			

Adequacy Issue: Adequate _____ Inadequate **X** DATA ADEQUACY WORKSHEET Revision No. 0 Date December 4, 2006

(Six Month Expedited Process)

Technical Area: **Air Quality** Project: Colusa Generating Station Technical Staff: William Walters
 Project Manager: Jack Caswell Docket: 06-AFC-9 Technical Senior: Keith Golden

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
§2022(b)(2)(A) (Air Quality)	a detailed modeling analysis assessing whether the cumulative impacts of all inert criteria pollutants (NOx, SO2, CO, and PM10) from the project's typical operating mode in combination with all stationary emissions sources within a six-mile radius of the proposed site that have received construction permits, but are not yet operational, and all stationary emissions sources that are currently undergoing air district permit application review will cause or contribute to a violation of any ambient air quality standard;	Section 8.1.3 page 8.1-14 Table 8.1-28, page 8.1-52	No	Please provide the cumulative impact modeling input/output files. The modeling files were not provided with the AFC. Please provide a copy of the correspondence with the Colusa County APCD regarding cumulative emission sources. (Note that this correspondence was supposed to be provided to the CEC for review per the approved modeling protocol – Appendix G1 page 4-12.)
§2022(b)(2)(B) (Air Quality)	A description of the project's planned initial commissioning phase, which is the phase between the first firing of emissions sources and the consistent production of electricity for sale to the market, including the types and durations of equipment tests, criteria pollutant emissions, and monitoring techniques to be used during such tests, and air dispersion modeling analyses of the impacts of those emissions on state and federal ambient air quality standards for NO2, SO2, CO, and PM10;	Section 8.1.2.2 page 8.1-6 to 8.1-7 Section 8.1.2.3 page 8.1-11 Table 8.1-18 page 8.1-46	No	Table 8.1-18 only provides worst-case short-term emissions and commissioning emission totals, not the emissions from each type of test. Please provide a description of the types and durations of the gas turbine initial commissioning equipment tests, criteria pollutant emissions for each of these types of tests, and monitoring techniques to be used during such tests. Please provide initial commissioning impact modeling input/output files. The modeling files were not provided with the AFC.
§2022(b)(2)(C) (Air Quality)	A detailed description of the mitigation, which an applicant shall propose, for all impacts from criteria pollutants that currently exceed state or federal ambient air quality standards, but are not subject to offset requirements under the district's new source review rule;	Section 8.1.5.10.2 page 8.1-24 to -30	No	Please provide a detailed description of the proposed offset mitigation sources including tabulated offset sources listing locations, quantities, and methods of emission reductions. The confidential emission reduction credits source information submittal noted on page 8.1-15 was not received with the AFC.

Adequacy Issue: Adequate _____ Inadequate **DATA ADEQUACY WORKSHEET** Revision No. 0 Date December 4, 2006

(Six Month Expedited Process)

Technical Area: **Air Quality** Project: Colusa Generating Station Technical Staff: William Walters
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SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
§2022(b)(2)(D) (Air Quality, Public Health)	A modeling analysis that identifies the extent of potential public exposure to toxic substances, as identified in subsection (g)(9)(A) of Appendix B, resulting from normal facility operation;	Section 8.6.2 page 8.6-2 to 8.6-7 and Table 8.6-1 to 8.6-5 page 8.6-11 to 8.6-13 Appendix L	No	Please provide the air toxics impact modeling input/output files. The modeling files were not provided with the AFC.

Adequacy Issue: Adequate _____ Inadequate X

DATA ADEQUACY WORKSHEET

Revision No. 0 Date December 4, 2006

Technical Area: Air Quality

Project: Colusa Generating Station

Technical Staff: William Walters

Project Manager: Jack W. Caswell

Docket: 06-AFC-09

Technical Senior: Keith Golden

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (1)	...provide a discussion of the existing site conditions, the expected direct, indirect and cumulative impacts due to the construction, operation and maintenance of the project, the measures proposed to mitigate adverse environmental impacts of the project, the effectiveness of the proposed measures, and any monitoring plans proposed to verify the effectiveness of the mitigation.	Section 8.1.1 page 8.1-1 to 8.1-4 Tables 8.1-1 to 8.1-7 page 8.1-34 to 8.1-38 Sections 8.1.2 and 8.1.3 page 8.1-4 to 8.1-14 Tables 8.1-8 to 8.1-28 pages 8.1-39 to 8.1-52 Section 8.1.5.10.2 page 8.1-24 to 8.1-30 Appendix G4 to G6 Section 3.4.9.4 page 3-13	No	Need to identify specific locations and quantity of emission reduction credits that are earmarked for this project. Also, need to include a discussion of the effectiveness of the identified emission reduction credits (offsets) in mitigating the project impacts.
Appendix B (g) (8) (A)	The information necessary for the air pollution control district where the project is located to complete a Determination of Compliance.	Received Completeness of Application letter dated November 28, 2006	Yes	
Appendix B (g) (8) (B)	The heating value and chemical characteristics of the proposed fuels, the stack height and diameter, the exhaust velocity and temperature, the heat rate and the expected capacity factor of the proposed facility.	Table 3.4-3 page 3-38 Section 3.4.3.2 page 3-4, Table 3.4-2 page 3-37, and Appendix G3 Figures 3.4-4A to 3.4-4D Section 1.5 page 1-3	No	Please provide the stack heights and diameters and exhaust velocities and temperatures of the auxiliary boiler, emergency engine and fire pump engine.
Appendix B (g) (8) (C)	A description of the control technologies proposed to limit the emission of criteria pollutants.	Section 3.4.9 page 3-12 and 3-13 Section 3.4.11.8 Page 3-15 Section 8.1.2.2 Page 8.1-5 to 8.1-7 Section 8.1.5.10.2 page 8.1-24 to 8.1-30	Yes	
Appendix B (g) (8) (D)	A description of the cooling system, the estimated cooling tower drift rate, the rate of water flow through the cooling tower, and the maximum concentrations of total dissolved solids.	Section 3.4.3.4 p. 3-5 (note: Dry Cooling is proposed)	Yes	

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SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (8) (E)	The emission rates of criteria pollutants from the stack, cooling towers, fuels and materials handling processes, delivery and storage systems, and from all secondary emission sources.	Table 8.1-14 to 8.1-21 page 8.1-44 to 8.1-48 Appendix G3	Yes	
Appendix B (g) (8) (F)	A description of typical operational modes, and start-up and shutdown modes for the proposed project, including the estimated frequency of occurrence and duration of each mode, and estimated emission rate for each criteria pollutant during each mode.	Section 8.1.2.2 page 8.1-5 to 8.1-7 Table 8.1-14 to 8.1-20 page 8.1-44 to 8.1-47 Appendix G3	Yes	
Appendix B (g) (8) (G)	The ambient concentrations of all criteria pollutants for the previous three years as measured at the three Air Resources Board certified monitoring stations located closest to the project site, and an analysis of whether this data is representative of conditions at the project site. The applicant may substitute an explanation as to why information from one, two, or all stations is either not available or unnecessary.	Section 8.1.1.2 page 8.1-3 Tables 8.1-2 to 8.1-7 page 8.1-35 to 8.1-38	Yes	
Appendix B (g) (8) (H)	One year of meteorological data collected from either the Federal Aviation Administration Class 1 station nearest to the project or from the project site, or meteorological data approved by the California Air Resources Board or the local air pollution control district.	Section 8.1.2.3 page 8.1-8 to 8.1-10	No	Please provide an electronic copy of the meteorological data used in the air dispersion analysis. The meteorological data files were not provided with the AFC.

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Project Manager: Jack W. Caswell

Docket: 06-AFC-09

Technical Senior: Keith Golden

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (8) (H) (i)	If the data is collected from the project site, the applicant shall demonstrate compliance with the requirements of the U.S. Environmental Protection Agency document entitled "On-Site Meteorological Program Guidance for Regulatory Modeling Applications" (EPA - 450/4-87-013 (August 1995), which is incorporated by reference in its entirety.)	N/A	N/A	
Appendix B (g) (8) (H) (ii)	The data shall include quarterly wind tables and wind roses, ambient temperatures, relative humidity, stability and mixing heights, upper atmospheric air data, and an analysis of whether this data is representative of conditions at the project site.	Appendix G1 Section 8.1.2.3 page 8.1-8 to 8.1-10	No	Please provide an electronic copy of the meteorological data that includes the necessary information required herein.
Appendix B (g) (8) (I)	An evaluation of the project's direct and cumulative air quality impacts, consisting of the following:			
Appendix B (g) (8) (I) (i)	A screening level air quality modeling analysis, or a more detailed modeling analysis if so desired by the applicant, of the direct inert pollutant impacts of project construction activities on ambient air quality conditions, including fugitive dust (PM ₁₀) emissions from grading, excavation and site disturbance, as well as the combustion emissions [nitrogen oxides (NO _x), sulfur dioxide (SO ₂), carbon monoxide (CO), and particulate matter less than 10 microns in diameter (PM ₁₀)] from construction-related equipment;	Section 8.1.2.3 page 8.1-10 and page 8.1-12 Table 8.1-22 page 8.1-48 Table 8.1-24 page 8.1-50 Appendix G4	No	Please provide the air dispersion analysis modeling input/output files. The modeling files were not provided with the AFC.

Adequacy Issue: Adequate _____ Inadequate X

DATA ADEQUACY WORKSHEET

Revision No. 0 Date December 4, 2006

Technical Area: Air Quality

Project: Colusa Generating Station

Technical Staff: William Walters

Project Manager: Jack W. Caswell

Docket: 06-AFC-09

Technical Senior: Keith Golden

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (8) (I) (ii)	A screening level air quality modeling analysis, or a more detailed modeling analysis if so desired by the applicant, of the direct inert criteria pollutant (NO _x , SO ₂ , CO and PM ₁₀) impacts on ambient air quality conditions of the project during typical (normal) operation, and during shutdown and startup modes of operation. Identify and include in the modeling of each operating mode the estimated maximum emissions rates and the assumed meteorological conditions; and	Section 8.1.2.3 page 8.1-10 to page 8.1-12 Table 8.1-23 to Table 8.1-28 page 8.1-49 to page 8.1-52 Appendix G6	No	Please provide the air dispersion analysis modeling input/output files. The modeling files were not provided with the AFC.
Appendix B (g) (8) (I) (iii)	A protocol for a cumulative air quality modeling impacts analysis of the project's typical operating mode in combination with other stationary emissions sources within a six mile radius which have received construction permits but are not yet operational, or are in the permitting process. The cumulative inert pollutant impact analysis should assess whether estimated emissions concentrations will cause or contribute to a violation of any ambient air quality standard.	Appendix G1	Yes	
Appendix B (g) (8) (J)	If an emission offset strategy is proposed to mitigate the project's impacts under subsection (g)(1), provide the following information:			
Appendix B (g) (8) (J) (i)	The quantity of offsets needed;		No	Please provide the tabulated quantities of offsets needed. The confidential ERC source information submittal noted on page 8.1-15 was not received with the AFC.
Appendix B (g) (8) (J) (ii)	Potential offset sources, including location, and quantity of emission reductions; and	Section 8.1.4 page 8.1-14 and 8.1-15	No	Please provide a list of offset sources including locations, quantities, and methods of emission reductions. The confidential ERC source information submittal noted on page 8.1-15 was not received with the AFC.

Adequacy Issue: Adequate _____ Inadequate X

DATA ADEQUACY WORKSHEET

Revision No. 0 Date December 4, 2006

Technical Area: Air Quality

Project: Colusa Generating Station

Technical Staff: William Walters

Project Manager: Jack W. Caswell

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Technical Senior: Keith Golden

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (8) (J) (iii)	Method of emission reduction.	Section 8.1.4 page 8.1-14 and 8.1-15	No	Please provide a list of offset sources including locations, quantities, and methods of emission reductions. The confidential ERC source information submittal noted on page 8.1-15 was not received with the AFC.
Appendix B (g) (8) (K)	A topographic map containing contour and elevation data, at a scale of 1:24,000, showing the area within 6 miles of the power plant site.	Figure 8.1-1A and 8.1-1B	Yes	
Appendix B (h) (1) (A)	Tables which identify laws, regulations, ordinances, standards, adopted local, regional, state, and federal land use plans, and permits applicable to the proposed project, and a discussion of the applicability of each. The table or matrix shall explicitly reference pages in the application wherein conformance, with each law or standard during both construction and operation of the facility is discussed;	Table 8.1-29 page 8.1-53 to 8.1-55	No	The identified table does not reference correctly the appropriate sections, tables and pages that discuss conformance with laws, regulations and standards. Please correct this table to the appropriate sections, tables and pages of the AFC.
Appendix B (h) (1) (B)	Tables which identify each agency with jurisdiction to issue applicable permits and approvals or to enforce identified laws, regulations, standards, and adopted local, regional, state and federal land use plans, and agencies which would have permit approval or enforcement authority, but for the exclusive authority of the commission to certify sites and related facilities.	Section 8.1.7 page 8.1-31	Yes	
Appendix B (h) (2)	A discussion of the conformity of the project with the requirements listed in subsection (h)(1)(A).	Section 8.1.2.4 page 8.1-11 to 8.1-12 Section 8.1.2.5 page 8.1-13 Section 8.1.5 page 8.1-15 to 8.1-23	Yes	
Appendix B (h) (3)	The name, title, phone number, and address, if known, of an official within each agency who will serve as a contact person for the agency.	Section 8.1.6 page 8.1-30	Yes	

Adequacy Issue: Adequate _____ Inadequate X

DATA ADEQUACY WORKSHEET

Revision No. 0 Date December 4, 2006

Technical Area: Air Quality

Project: Colusa Generating Station

Technical Staff: William Walters

Project Manager: Jack W. Caswell

Docket: 06-AFC-09

Technical Senior: Keith Golden

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (h) (4)	A schedule indicating when permits outside the authority of the commission will be obtained and the steps the applicant has taken or plans to take to obtain such permits.	Section 8.1.7 page 8.1-31	No	Please provide a schedule as to when a PSD application will be filed and the anticipated date of receiving the PSD permit. Also describe the steps the applicant will take to secure a Title V operating permit from the Colusa County APCD.

Adequacy Issue: Adequate Inadequate
 Technical Area: Alternatives
 Project Manager: Jack W. Caswell

DATA ADEQUACY WORKSHEET

Revision No. 0 Date December 4, 2006
 Technical Staff: Jack W. Caswell
 Technical Senior: Eileen Allen

Project: Colusa Generating Station
 Docket: 06-AFC-9

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (b) (1) (D)	A description of how the site and related facilities were selected and the consideration given to engineering constraints, site geology, environmental impacts, water, waste and fuel constraints, electric transmission constraints, and any other factors considered by the applicant.	Chapter 9.0 complete chapter	Yes	
Appendix B (f) (1)	A discussion of the range of reasonable alternatives to the project, or to the location of the project, including the no project alternative, which would feasibly attain most of the basic objectives of the project but would avoid or substantially lessen any of the significant effects of the project, and an evaluation of the comparative merits of the alternatives. In accordance with Public Resources Code section 25540.6(b), a discussion of the applicant's site selection criteria, any alternative sites considered for the project, and the reasons why the applicant chose the proposed site.	Chapter 9.0 section 9.4, 9.5 Pages 9-1, 9-2	Yes	
Appendix B (f) (2)	An evaluation of the comparative engineering, economic, and environmental merits of the alternatives discussed in subsection (f)(1).	Chapter 9, page 9-1	Yes	

Adequacy Issue: Adequate Inadequate

**DATA ADEQUACY WORKSHEET
(Six Month Expedited Process)**

Revision No. 0 Date December 4, 2006

Technical Area: **Biological Resources**

Project: Colusa Generating Station

Technical Staff: Joanna Grebel

Project Manager: Jack W. Caswell

Docket: 06-AFC-9

Technical Senior: Rick York

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
§2022(b)(1) (All)	Substantial evidence that the project as proposed in the application will comply with all standards, ordinances, and laws applicable at the time of certification including;			
§2022(b)(1)(A) (All)	A list of such standards, ordinances, and laws;			
§2022(b)(1)(B) (All)	Information demonstrating that the project as proposed in the application will comply with all such standards, ordinances, and laws;	Sec. 8.2.7, pgs. 8.2-45 to 8.2-46	Yes	
§2022(b)(1)(C) (All)	Where a standard, ordinance, or law is expected to change between the time of filing an application and certification, information from the responsible jurisdiction documenting the impending change, the schedule for enactment of the change, and whether the proposed project will comply with the changed standard, ordinance, or law.; and		N/A	
§2022(b)(1)(D) (All)	A list of the requirements for permitting by each federal, state, regional, and local agency that has jurisdiction over the proposed project or that would have jurisdiction, but for the exclusive jurisdiction of the commission, and the information necessary to meet those requirements;	Table 8.2-10, pgs. 8.2-81 to 8.2-82	Yes	
§2022(b)(2)	Substantial evidence that the project as proposed in the application will not cause a significant adverse impact on the environment, including the following:			

Adequacy Issue: Adequate Inadequate

**DATA ADEQUACY WORKSHEET
(Six Month Expedited Process)**

Revision No. 0 Date December 4, 2006

Technical Area: **Biological Resources**

Project: Colusa Generating Station

Technical Staff: Joanna Grebel

Project Manager: Jack W. Caswell

Docket: 06-AFC-9

Technical Senior: Rick York

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
§2022(b)(2)(F) (Biology)	A demonstration, based on appropriate data including, but not limited to, scientific surveys taken at the appropriate time of year, that the project will have no significant impact on wetlands, plant or animal species that are endangered, threatened, or of concern under state or federal law, or the areas listed in Public Resources Code section 25527;	Sec. 8.2, pgs 8.2-1 to 8.2-50; Table 6.3-3, pgs. 3-47 to 3-48; and Figs. 8.2-2A, 8.2-2B, and 8.2-3	Yes	

Adequacy Issue: Adequate Inadequate
 Technical Area: Biological Resources
 Project Manager: Jack W. Caswell

DATA ADEQUACY WORKSHEET

Revision No. 0 Date December 4, 2006
 Technical Staff: Joanna Grebel
 Technical Senior: Rick York

Project: Colusa Generating Station
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SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (1)	...provide a discussion of the existing site conditions, the expected direct, indirect and cumulative impacts due to the construction, operation and maintenance of the project, the measures proposed to mitigate adverse environmental impacts of the project, the effectiveness of the proposed measures, and any monitoring plans proposed to verify the effectiveness of the mitigation.	Existing site conditions: Sec. 8.2.1, pgs. 8.2-1 to 8.2-6 Direct, indirect, and cumulative impacts: Sec. 8.2.2, pgs. 8.2-20 to 8.2-32 Mitigation measures and monitoring: Sec. 8.2.4, pgs. 8.2-32 8.2-39; Table 8.2-6, pgs. 8.2-74 to 8.2-75	Yes Yes Yes	
Appendix B (g) (13) (A)	A regional overview and discussion of biological resources, with particular attention to sensitive biological resources near the project, and a map at a scale of 1:100,000 (or some other suitable scale) showing their location in relation to the project.	Sensitive species discussion: Sec. 8.2.1.4, pgs. 8.2-6 to 8.2-20; Table 8.2-5 Maps: Figs. 8.2-2A, 8.2-2B, and 8.2-3	Yes Yes	
Appendix B (g) (13) (B)	A discussion and detailed maps at a scale of 1:6,000, of the biological resources at the site of the proposed project and related facilities, and in areas adjacent to them, out to a mile from the site and 1000 feet from the outer edge of linear facility corridors. Include a list of the species actually observed and those with a potential to occur. The discussion and maps shall address the distribution of community types, denning or nesting sites, population concentrations, migration corridors, breeding habitats, and the presence of sensitive biological resources.	Maps: Figs. 8.2-2A, 8.2-2B, and 8.2-3 Species list: Table 8.2-2, pgs. 8.2-53 to 8.2-60 Sensitive species list: Table 8.2-5, pgs. 8.2-61 to 8.2-73	Yes Yes Yes	

Adequacy Issue: Adequate Inadequate
 Technical Area: Biological Resources
 Project Manager: Jack W. Caswell

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SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (13) (E) (ii)	All measures proposed to mitigate any adverse impacts, including any proposals for off-site mitigation; and	Mitigation measures: Sec. 8.2.4, pgs. 8.2-32 to 8.2-41; Table 8.2-6; Table 8.2-7; Table 8.2-8	Yes	
Appendix B (g) (13) (E) (iii)	Any educational programs proposed to enhance employee awareness in order to protect biological resources.	Worker environmental awareness program: Sec. 8.2.4, pg. 8.2-36	Yes	
Appendix B (g) (13) (F)	A discussion of compliance and monitoring programs proposed to ensure the effectiveness of mitigation measures incorporated into the project.	Mitigation measures: Sec. 8.2.4, pgs. 8.2-32 to 8.2-41; Table 8.2-6; Table 8.2-7; Table 8.2-8	Yes	
Appendix B (g) (13) (G)	A discussion of native fish and wildlife species of commercial and/or recreational value that could be impacted by the project.	Commercial/recreational species: Sec. 8.2.1.4.3, pgs. 8.2-12 to 8.2-14	Yes	
Appendix B (g) (13) (H)	For purposes of this section, sensitive biological resources are one of the following:	----		
Appendix B (g) (13) (H) (i)	Species listed under state or federal Endangered Species Acts;	State or federally listed species: Sec. 8.2.1.4, pgs. 8.2-6 to 8.2-20; Table 8.2-5, pgs. 8.2-61 to 8.2-73	Yes	
Appendix B (g) (13) (H) (ii)	Resources defined in sections 1702 (q) and (v) of Title 20 of the California Code of Regulations; and	State or federally listed species: Sec. 8.2.1.4, pgs. 8.2-6 to 8.2-20; Table 8.2-5, pgs. 8.2-61 to 8.2-73	Yes	
Appendix B (g) (13) (H) (iii)	Species or habitats identified by legislative acts as requiring protection.	State or federally listed species: Sec. 8.2.2, pgs. 8.2-20 to 8.2-28; Table 8.2-5, pgs. 8.2-61 to 8.2-73	Yes	

Adequacy Issue: Adequate Inadequate

DATA ADEQUACY WORKSHEET

Revision No. 0 Date December 4, 2006

Technical Area: Biological Resources

Project: Colusa Generating Station

Technical Staff: Joanna Grebel

Project Manager: Jack W. Caswell

Docket: 06-AFC-9

Technical Senior: Rick York

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (h) (1) (A)	Tables which identify laws, regulations, ordinances, standards, adopted local, regional, state, and federal land use plans, and permits applicable to the proposed project, and a discussion of the applicability of each. The table or matrix shall explicitly reference pages in the application wherein conformance, with each law or standard during both construction and operation of the facility is discussed;	LORS Compliance: Table 8.2-9, pgs. 8.2-78 to 8.2-80	Yes	
Appendix B (h) (1) (B)	Tables which identify each agency with jurisdiction to issue applicable permits and approvals or to enforce identified laws, regulations, standards, and adopted local, regional, state and federal land use plans, and agencies which would have permit approval or enforcement authority, but for the exclusive authority of the commission to certify sites and related facilities.	Administrative agency contacts: Sec. 8.2.6, pgs. 8.2-44 to 8.2-45	Yes	
Appendix B (h) (2)	A discussion of the conformity of the project with the requirements listed in subsection (h)(1)(A).	LORS Compliance: Sec. 8.2.5, pgs. 8.2-41 to 8.2-44; Table 8.2-9, pgs. 8.2-78 to 8.2-80	Yes	
Appendix B (h) (3)	The name, title, phone number, and address, if known, of an official within each agency who will serve as a contact person for the agency.	Administrative agency contacts: Sec. 8.2.6, pgs. 8.2-44 to 8.2-45	Yes	
Appendix B (h) (4)	A schedule indicating when permits outside the authority of the commission will be obtained and the steps the applicant has taken or plans to take to obtain such permits.	Permit schedule: Sec. 8.2.7, pgs. 8.2-45 to 8.2-46	Yes	

Adequacy Issue: Adequate Inadequate

**DATA ADEQUACY WORKSHEET
(Six Month Expedited Process)**

Revision No. 0 Date December 4, 2006

Technical Area: **Cultural Resources**

Project: Colusa Generating Station

Technical Staff: Gary Reinoehl

Project Manager: Jack W. Caswell

Docket: 06-AFC-09

Technical Senior: Rick York

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
§2022(b)(1) (All)	Substantial evidence that the project as proposed in the application will comply with all standards, ordinances, and laws applicable at the time of certification including;			
§2022(b)(1)(A) (All)	A list of such standards, ordinances, and laws;			
§2022(b)(1)(B) (All)	Information demonstrating that the project as proposed in the application will comply with all such standards, ordinances, and laws;	Section 8.3.7, page 8.3-21	Yes	
§2022(b)(1)(C) (All)	Where a standard, ordinance, or law is expected to change between the time of filing an application and certification, information from the responsible jurisdiction documenting the impending change, the schedule for enactment of the change, and whether the proposed project will comply with the changed standard, ordinance, or law.; and	N/A	N/A	
§2022(b)(1)(D) (All)	A list of the requirements for permitting by each federal, state, regional, and local agency that has jurisdiction over the proposed project or that would have jurisdiction, but for the exclusive jurisdiction of the commission, and the information necessary to meet those requirements;	Section 8.3.7, page 8.3-21, Section 7.1, page 7-2	Yes	
§2022(b)(2)	Substantial evidence that the project as proposed in the application will not cause a significant adverse impact on the environment, including the following:			

Adequacy Issue: Adequate Inadequate
 Technical Area: Cultural Resources
 Project Manager: Jack W. Caswell

DATA ADEQUACY WORKSHEET

Revision No. 0 Date December 4, 2006
 Technical Staff: Gary Reinoehl
 Technical Senior: Rick York

Project: Colusa Generating Station
 Docket: 06-AFC-09

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (1)	...provide a discussion of the existing site conditions, the expected direct, indirect and cumulative impacts due to the construction, operation and maintenance of the project, the measures proposed to mitigate adverse environmental impacts of the project, the effectiveness of the proposed measures, and any monitoring plans proposed to verify the effectiveness of the mitigation.	Section 8.3.1, pages 8.3-1 and 8.3-2. Sections 8.3.2 and 8.3.3, pages 8.3-13 through 8.3-19	Yes	
Appendix B (g) (2) (A)	A brief summary of the ethnology, prehistory, and history of the region in which the project site and related facilities are located and maps at a scale of 1:24,000, indicating areas of ethnographic occupation. The region may vary depending on the extent of the territory occupied or used by prehistoric cultures indigenous to the area in which the project is located.	Section 8.3.1.2 through 8.3.1.4, pages 8.3-2 through 8.3-8, Figure 8.3-2	Yes	
Appendix B (g) (2) (B)	A description of all literature searches and field surveys used to provide information about known cultural resources in the project vicinity. If survey records of the area potentially physically affected by the project are not available, and the area has the potential for containing significant cultural resources, the applicant shall submit a new or revised survey for any portion of the area lacking comprehensive survey data. A discussion of the dates of the surveys, methods used in completing the surveys, and the identification and qualification of the individuals conducting the surveys shall be included.	Section 8.3.1.5, pages 8.3-8 through 8.3-13	Yes	

Adequacy Issue: Adequate Inadequate
 Technical Area: Cultural Resources
 Project Manager: Jack W. Caswell

DATA ADEQUACY WORKSHEET

Revision No. 0 Date December 4, 2006
 Technical Staff: Gary Reinoehl
 Technical Senior: Rick York

Project: Colusa Generating Station
 Docket: 06-AFC-09

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (2) (C)	A discussion of the sensitivity of the project area described in subsection (g)(2)(A) and the presence and significance of any known archeological sites and other cultural resources that may be affected by the project. Information on the specific location of archeological resources shall be included in a separate appendix to the application and submitted to the Commission under a request for confidentiality pursuant to Title 20, California Code of Regulations, § 2501 et seq.	Section 8.3.2, pages 8.3-13 through 8.3-17, Appendix J	Yes	
Appendix B (g) (2) (D)	A summary of contacts and communications with, and responses from, Native American representatives who may have an interest in heritage lands and/or resources potentially affected by the proposed project.	Section 8.3.1.5.2, pages 8.3-12 and 8.3-13, Appendix I	Yes	
Appendix B (g) (2) (E)	In the discussion on mitigation and monitoring prepared pursuant to subsection (g)(1), a discussion of any educational programs proposed to enhance awareness of potential impacts to archeological resources by employees and contractors, measures proposed for mitigation of impacts to known cultural resources, and a set of contingency measures for mitigation of potential impacts to previously unknown cultural resources .	Section 8.3.4, pages 8.3-18 and 8.3-19	Yes	
Appendix B (h) (1) (A)	Tables which identify laws, regulations, ordinances, standards, adopted local, regional, state, and federal land use plans, and permits applicable to the proposed project, and a discussion of the applicability of each. The table or matrix shall explicitly reference pages in the application wherein conformance, with each law or standard during both construction and operation of the facility is discussed;	Section 8.3.5, pages 8.3-19 and 8.3-20	Yes	

Adequacy Issue: Adequate Inadequate

DATA ADEQUACY WORKSHEET

Revision No. 0 Date December 4, 2006

Technical Area: Cultural Resources

Project: Colusa Generating Station

Technical Staff: Gary Reinoehl

Project Manager: Jack W. Caswell

Docket: 06-AFC-09

Technical Senior: Rick York

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (h) (1) (B)	Tables which identify each agency with jurisdiction to issue applicable permits and approvals or to enforce identified laws, regulations, standards, and adopted local, regional, state and federal land use plans, and agencies which would have permit approval or enforcement authority, but for the exclusive authority of the commission to certify sites and related facilities.	Section 8.3.7, page 8.3-21	Yes	
Appendix B (h) (2)	A discussion of the conformity of the project with the requirements listed in subsection (h)(1)(A).	Section 8.3.5, pages 8.3-19 and 8.3-20	Yes	
Appendix B (h) (3)	The name, title, phone number, and address, if known, of an official within each agency who will serve as a contact person for the agency.	Section 8.3.6, page 8.3-21 Section 3.11, pages 3-32 through 3-34.	Yes	
Appendix B (h) (4)	A schedule indicating when permits outside the authority of the commission will be obtained and the steps the applicant has taken or plans to take to obtain such permits.	Section 8.3.7, page 8.3-21, Section 7.1, page 7-2	Yes	

Adequacy Issue: Adequate Inadequate

**DATA ADEQUACY WORKSHEET
(Six Month Expedited Process)**

Revision No. 0 Date December 4, 2006

Technical Area: Efficiency

Project: Colusa Generating Station

Technical Staff: Shahab Khoshmashrab

Project Manager: Jack W. Caswell

Docket: 06-AFC-9

Technical Senior: Steve Baker

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
§2022(b)(1) (All)	Substantial evidence that the project as proposed in the application will comply with all standards, ordinances, and laws applicable at the time of certification including;			
§2022(b)(1)(A) (All)	A list of such standards, ordinances, and laws;	N/A	N/A	
§2022(b)(1)(B) (All)	Information demonstrating that the project as proposed in the application will comply with all such standards, ordinances, and laws;	N/A	N/A	
§2022(b)(1)(C) (All)	Where a standard, ordinance, or law is expected to change between the time of filing an application and certification, information from the responsible jurisdiction documenting the impending change, the schedule for enactment of the change, and whether the proposed project will comply with the changed standard, ordinance, or law.; and	N/A	N/A	
§2022(b)(1)(D) (All)	A list of the requirements for permitting by each federal, state, regional, and local agency that has jurisdiction over the proposed project or that would have jurisdiction, but for the exclusive jurisdiction of the commission, and the information necessary to meet those requirements;	N/A	N/A	
§2022(b)(2)	Substantial evidence that the project as proposed in the application will not cause a significant adverse impact on the environment, including the following:			

Adequacy Issue: Adequate Inadequate
 Technical Area: Efficiency
 Project Manager: Jack W. Caswell

DATA ADEQUACY WORKSHEET

Revision No. 0 Date December 4, 2006
 Technical Staff: Shahab Khoshmashrab
 Technical Senior: Steve Baker

Project: Colusa Generating Station
 Docket: 06-AFC-9

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (1)	...provide a discussion of the existing site conditions, the expected direct, indirect and cumulative impacts due to the construction, operation and maintenance of the project, the measures proposed to mitigate adverse environmental impacts of the project, the effectiveness of the proposed measures, and any monitoring plans proposed to verify the effectiveness of the mitigation.	§§ 3.4.2, 3.4.5, 3.10, 3.11, 9.0, 9.6 Appendices A through E	Yes	
Appendix B (i) (4) (A)	Heat and mass balance diagrams for design conditions for each mode of operation.	Figures 3.4-4A through 3.4-4D § 3.4.2	Yes	
Appendix B (i) (4) (B)	Annual fuel consumption in BTUs for each mode of operation.	§ 3.4.5	Yes	
Appendix B (i) (4) (C)	Annual net electrical energy produced in MWh for each mode of operation.	§ 3.4.2	Yes	
Appendix B (i) (4) (D)	Number of hours the plant will be operated in each mode of operation in each year.	§ 3.4.2	Yes	
Appendix B (i) (4) (E)	If the project will be a cogeneration facility, calculations showing compliance with applicable efficiency and operating standards.	N/A	N/A	
Appendix B (i) (4) (F)	A discussion of alternative generating technologies available for the project, including the projected efficiency of each, and an explanation why the chosen equipment was selected over these alternatives.	§§ 9.0, 9.6	Yes	

Adequacy Issue: Adequate Inadequate
 Technical Area: Efficiency
 Project Manager: Jack W. Caswell

DATA ADEQUACY WORKSHEET

Revision No. 0 Date December 4, 2006
 Technical Staff: Shahab Khoshmashrab
 Technical Senior: Steve Baker

Project: Colusa Generating Station
 Docket: 06-AFC-9

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (h) (1) (A)	Tables which identify laws, regulations, ordinances, standards, adopted local, regional, state, and federal land use plans, and permits applicable to the proposed project, and a discussion of the applicability of each. The table or matrix shall explicitly reference pages in the application wherein conformance, with each law or standard during both construction and operation of the facility is discussed;	Table 3.10-1 Appendices A through E	Yes	
Appendix B (h) (1) (B)	Tables which identify each agency with jurisdiction to issue applicable permits and approvals or to enforce identified laws, regulations, standards, and adopted local, regional, state and federal land use plans, and agencies which would have permit approval or enforcement authority, but for the exclusive authority of the commission to certify sites and related facilities.	§§ 3.10, 3.11 Table 3.10-1 Appendices A through E	Yes	
Appendix B (h) (2)	A discussion of the conformity of the project with the requirements listed in subsection (h)(1)(A).	§ 3.10 Table 3.10-1 Appendices A through E	Yes	
Appendix B (h) (3)	The name, title, phone number, and address, if known, of an official within each agency who will serve as a contact person for the agency.	§ 3.11	Yes	
Appendix B (h) (4)	A schedule indicating when permits outside the authority of the commission will be obtained and the steps the applicant has taken or plans to take to obtain such permits.	N/A	N/A	

Adequacy Issue: Adequate Inadequate

**DATA ADEQUACY WORKSHEET
(Six Month Expedited Process)**

Revision No. 0 Date December 4, 2006

Technical Area: Facility Design
Project Manager: Jack W. Caswell

Project: Colusa Generating Station
Docket: 06-AFC-9

Technical Staff: Shahab Khoshmashrab
Technical Senior: Steve Baker

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
§2022(b)(1) (All)	Substantial evidence that the project as proposed in the application will comply with all standards, ordinances, and laws applicable at the time of certification including;			
§2022(b)(1)(A) (All)	A list of such standards, ordinances, and laws;	Table 3.10-1 Appendices A through E	Yes	
§2022(b)(1)(B) (All)	Information demonstrating that the project as proposed in the application will comply with all such standards, ordinances, and laws;	Table 3.10-1 § 3.10 Appendices A through E	Yes	
§2022(b)(1)(C) (All)	Where a standard, ordinance, or law is expected to change between the time of filing an application and certification, information from the responsible jurisdiction documenting the impending change, the schedule for enactment of the change, and whether the proposed project will comply with the changed standard, ordinance, or law.; and	None (no known changes in Facility Design LORS are anticipated).	Yes	
§2022(b)(1)(D) (All)	A list of the requirements for permitting by each federal, state, regional, and local agency that has jurisdiction over the proposed project or that would have jurisdiction, but for the exclusive jurisdiction of the commission, and the information necessary to meet those requirements;	§ 8.15.7 Table 3.10-1 Appendices A through E & Q	Yes	

Adequacy Issue: Adequate Inadequate
 Technical Area: Facility Design
 Project Manager: Jack W. Caswell

DATA ADEQUACY WORKSHEET

Revision No. 0 Date December 4, 2006
 Project: Colusa Generating Station Technical Staff: Shahab Khoshmashrab
 Docket: 06-AFC-9 Technical Senior: Steve Baker

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (h) (1) (A)	Tables which identify laws, regulations, ordinances, standards, adopted local, regional, state, and federal land use plans, and permits applicable to the proposed project, and a discussion of the applicability of each. The table or matrix shall explicitly reference pages in the application wherein conformance, with each law or standard during both construction and operation of the facility is discussed;	Table 3.10-1 (p. 3-51) § 3.10 Appendices A through E	Yes	
Appendix B (h) (1) (B)	Tables which identify each agency with jurisdiction to issue applicable permits and approvals or to enforce identified laws, regulations, standards, and adopted local, regional, state and federal land use plans, and agencies which would have permit approval or enforcement authority, but for the exclusive authority of the commission to certify sites and related facilities.	§ 3.11	Yes	
Appendix B (h) (2)	A discussion of the conformity of the project with the requirements listed in subsection (h)(1)(A).	Table 3.10-1 Appendices A through E	Yes	
Appendix B (h) (3)	The name, title, telephones number, and address, if known, of an official within each agency who will serve as a contact person for the agency.	§ 3.11	Yes	
Appendix B (h) (4)	A schedule indicating when permits outside the authority of the commission will be obtained and the steps the applicant has taken or plans to take to obtain such permits.	§ 8.15.7	Yes	

Adequacy Issue: Adequate Inadequate
 Technical Area: **Facility Design**
 Project Manager: Jack W. Caswell

DATA ADEQUACY WORKSHEET

Revision No. 0 Date December 4, 2006

Project: Colusa Generating Station Technical Staff: Shahab Khoshmashrab
 Docket: 06-AFC-9 Technical Senior: Steve Baker

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (i) (1) (A)	A description of the site conditions and investigations or studies conducted to determine the site conditions used as the basis for developing design criteria. The descriptions shall include, but not be limited to, seismic and other geologic hazards, adverse conditions that could affect the project's foundation, adverse meteorological and climatic conditions, and flooding hazards, if applicable.	§§ 3.5, 8.14.1.3, 8.15.1.3, 8.15.1.4, 8.15.2 Appendix Q	Yes	
Appendix B (i) (1) (B)	A discussion of any measures proposed to improve adverse site conditions.	§§ 3.5.7, 3.5.8, 3.6.3, 8.15.4 Appendices A, B, Q Figures 3.5-2, 3.5-3, 3.6-5, 3.6-6	Yes	
Appendix B (i) (1) (C)	A description of the proposed foundation types, design criteria (including derivation), analytical techniques, assumptions, loading conditions, and loading combinations to be used in the design of facility structures and major mechanical and electrical equipment	§ 3.5 Appendices A through E & Q	Yes	
Appendix B (i) (1) (D)	For each of the following facilities and/or systems, provide a description including drawings, dimensions, surface-area requirements, typical operating data, and performance and design criteria for protection from impacts due to adverse site conditions:	(See below)	Yes	
Appendix B (i) (1) (D) (i)	The power generation system;	§§ 1.1, 3.4, Figures 3.4-1, 3.4-2, 3.4-3	Yes	
Appendix B (i) (1) (D) (ii)	The heat dissipation system;	§§ 1.1, 3.4.3.4, 3.4.6.2 Figure 3.4-1	Yes	
Appendix B (i) (1) (D) (iii)	The cooling water supply system, and, where applicable, pre-plant treatment procedures;	§§ 1.8, 1.11.14, 3.1, 3.4.6, 3.4.6.2, 8.14 Figures 3.4-1, 3.4-5A, 3.4-5B	Yes	

Adequacy Issue: Adequate Inadequate

DATA ADEQUACY WORKSHEET

Revision No. 0 Date December 4, 2006

Technical Area: **Facility Design**

Project: Colusa Generating Station

Technical Staff: Shahab Khoshmashrab

Project Manager: Jack W. Caswell

Docket: 06-AFC-9

Technical Senior: Steve Baker

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (i) (1) (D) (iv)	The atmospheric emission control system;	§§ 1.4, 1.11.1, 3.4.2, 3.4.9, 8.1	Yes	
Appendix B (i) (1) (D) (v)	The waste disposal system and on-site disposal sites;	§§ 1.11.13, 3.4.7, 8.13 Appendix C	Yes	
Appendix B (i) (1) (D) (vii)	The geothermal resource conveyance and re-injection lines (if applicable);	N/A	N/A	
Appendix B (i) (1) (D) (viii)	Switchyards/transformer systems; and	§§ 1.1, 1.4, 1.10, 3.4.4 Figures 3.4-6, 3.4-7	Yes	
Appendix B (i) (1) (D) (ix)	Other significant facilities, structures, or system components proposed by the applicant.	N/A	N/A	

Adequacy Issue: Adequate Inadequate

**DATA ADEQUACY WORKSHEET
(Six Month Expedited Process)**

Revision No. 0 Date December 4, 2006

Technical Area: **Geological Hazards**

Project: Colusa Generating Station

Technical Staff: Patrick Pilling, Ph.D., P.E.

Project Manager: Jack W. Caswell

Docket: 06-AFC-09

Technical Senior: Steve Baker

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
§2022(b)(1) (All)	Substantial evidence that the project as proposed in the application will comply with all standards, ordinances, and laws applicable at the time of certification including;			
§2022(b)(1)(A) (All)	A list of such standards, ordinances, and laws;	Table 8.15-2, Page 8.15-24.	Yes	
§2022(b)(1)(B) (All)	Information demonstrating that the project as proposed in the application will comply with all such standards, ordinances, and laws;	Section 8.15-5, Page 8.15-16.	Yes	
§2022(b)(1)(C) (All)	Where a standard, ordinance, or law is expected to change between the time of filing an application and certification, information from the responsible jurisdiction documenting the impending change, the schedule for enactment of the change, and whether the proposed project will comply with the changed standard, ordinance, or law.; and	N/A	N/A	
§2022(b)(1)(D) (All)	A list of the requirements for permitting by each federal, state, regional, and local agency that has jurisdiction over the proposed project or that would have jurisdiction, but for the exclusive jurisdiction of the commission, and the information necessary to meet those requirements;	Section 8.15.7, Page 8.15-17.	Yes	
§2022(b)(2)	Substantial evidence that the project as proposed in the application will not cause a significant adverse impact on the environment, including the following:			

Adequacy Issue: Adequate Inadequate

DATA ADEQUACY WORKSHEET

Revision No. 0 Date December 4, 2006

Technical Area: Geological Hazards

Project: Colusa Generating Station

Technical Staff: Patrick Pilling, Ph.D., P.E.

Project Manager: Jack W. Caswell

Docket: 06-AFC-09

Technical Senior: Steve Baker

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (1)	...provide a discussion of the existing site conditions, the expected direct, indirect and cumulative impacts due to the construction, operation and maintenance of the project, the measures proposed to mitigate adverse environmental impacts of the project, the effectiveness of the proposed measures, and any monitoring plans proposed to verify the effectiveness of the mitigation.	Section 8.15.1, Page 8.15-1; Section 8.15.1.3, Pages 8.15-12 and 8.15-13; Section 8.15.2, Pages 8.15-15 through 8.15-16; Section 8.15.3, Page 8.15-16; Section 8.15-4, Page 8.15-16; and Appendix Q.	Yes	
Appendix B (g) (17) (A)	A summary of the geology, seismicity, and geologic resources of the project site and related facilities;	Section 8.15.1 through Section 8.15.1.3, Pages 8.15-1 through 8.15-13; Section 8.15.1.5, Page 8.15-15; Table 8.15-1, Page 8.15-24; Figure 8.15-1; Figure 8.15-2; Figure 8.15-3; Figure 8.15-4; Figure 8.15-5; and Appendix Q	Yes	
Appendix B (g) (17) (B)	A map at a scale of 1:24,000 and description of all recognized stratigraphic units, geologic structures, and geomorphic features within 2 miles of the project site. Include an analysis of the likelihood of ground rupture, seismic shaking, mass wasting and slope stability, liquefaction, subsidence, and expansion or collapse of soil structures.	Figure 8.15-4; Section 8.15.1.3, Pages 8.15-12 through 8.15-13; Section 8.15.1.4, Pages 8.15-13 through 8.15-15; and Appendix Q.	Yes	
Appendix B (g) (17) (C)	A map and description of geologic resources of recreational, commercial, or scientific value which may be affected by the project. Include a discussion of the techniques used to identify and evaluate these resources.	Section 8.15.1.5, Page 8-15-15; and Figure 8.15-4.	Yes	

Adequacy Issue: Adequate Inadequate

DATA ADEQUACY WORKSHEET

Revision No. 0 Date December 4, 2006

Technical Area: **Geological Hazards**

Project: Colusa Generating Station

Technical Staff: Patrick Pilling, Ph.D., P.E.

Project Manager: Jack W. Caswell

Docket: 06-AFC-09

Technical Senior: Steve Baker

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (h) (1) (A)	Tables which identify laws, regulations, ordinances, standards, adopted local, regional, state, and federal land use plans, and permits applicable to the proposed project, and a discussion of the applicability of each. The table or matrix shall explicitly reference pages in the application wherein conformance, with each law or standard during both construction and operation of the facility is discussed;	Table 8.15-2, Page 8.15-24.	Yes	
Appendix B (h) (1) (B)	Tables which identify each agency with jurisdiction to issue applicable permits and approvals or to enforce identified laws, regulations, standards, and adopted local, regional, state and federal land use plans, and agencies which would have permit approval or enforcement authority, but for the exclusive authority of the commission to certify sites and related facilities.	Section 8.15.6, Page 8.15-17; Section 8.15.7, Page 8.15-17; and Table 8.15-2, Page 8.15-24.	Yes	
Appendix B (h) (2)	A discussion of the conformity of the project with the requirements listed in subsection (h)(1)(A).	Section 8.15.5, Page 8.15-16.	Yes	
Appendix B (h) (3)	The name, title, phone number, and address, if known, of an official within each agency who will serve as a contact person for the agency.	Section 8.15.6, Page 8.15-17.	Yes	

Adequacy Issue: Adequate Inadequate

**DATA ADEQUACY WORKSHEET
(Six Month Expedited Process)**

Revision No. 0 Date December 4, 2006

Technical Area: Hazardous Materials

Project: Colusa Generating Project

Technical Staff: Rick Tyler

Project Manager: Jack W. Caswell

Docket: 06-AFC-9

Technical Senior: Rick Tyler

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
§2022(b)(1) (All)	Substantial evidence that the project as proposed in the application will comply with all standards, ordinances, and laws applicable at the time of certification including;			
§2022(b)(1)(A) (All)	A list of such standards, ordinances, and laws;			
§2022(b)(1)(B) (All)	Information demonstrating that the project as proposed in the application will comply with all such standards, ordinances, and laws;	Section 8.12	Yes	
§2022(b)(1)(C) (All)	Where a standard, ordinance, or law is expected to change between the time of filing an application and certification, information from the responsible jurisdiction documenting the impending change, the schedule for enactment of the change, and whether the proposed project will comply with the changed standard, ordinance, or law.; and	N/A	N/A	
§2022(b)(1)(D) (All)	A list of the requirements for permitting by each federal, state, regional, and local agency that has jurisdiction over the proposed project or that would have jurisdiction, but for the exclusive jurisdiction of the commission, and the information necessary to meet those requirements;	Section 8.12.7	Yes	
§2022(b)(2)	Substantial evidence that the project as proposed in the application will not cause a significant adverse impact on the environment, including the following:			

Adequacy Issue: Adequate Inadequate

**DATA ADEQUACY WORKSHEET
(Six Month Expedited Process)**

Revision No. 0 Date December 4, 2006

Technical Area: Hazardous Materials
Project Manager: Jack W. Caswell

Project: Colusa Generating Project
Docket: 06-AFC-9

Technical Staff: Rick Tyler
Technical Senior: Rick Tyler

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
§2022(b)(2)(G) (Hazardous Material)	With respect to the handling of hazardous materials, a demonstration that: i) the project will not use or store any regulated substance defined in Section 25532(g) of the California Health and Safety Code or ii) the project is eligible for Program 1 status pursuant to Section 68.10 of Part 68 of Title 40 of the Code of Federal Regulations or can demonstrate that no worst case accidental release would result in a plausibility (risk greater than 1 in 1,000,000) of an impact above the Emergency Response Planning Guideline, Level 2 (ERPG 2) at the nearest public receptor.	Section 8.12, Page 8.12-10	Yes	
§2022(b)(2)(H) (Hazardous Material)	If the project will store or use a regulated substance defined in Section 25532(g) of the Health and Safety Code, a demonstration either that the boundary of the powerplant site will not be within 1000 feet of any residential area, school, general acute care hospital, long-term health care facility, or child day care facility as such terms are defined in section 25534.1 of the Health and Safety Code or that the project will pose no plausible potential for exposure at such facilities from an accidental release of the regulated substance; and	Section 8.61	Yes	
§2022(b)(2)(I) (Hazardous Material)	A demonstration that the proposed facility will not require storage of gaseous flammable or explosive materials in quantities greater than 25000 standard cubic feet;	Section 8.12	Yes	

Adequacy Issue: Adequate Inadequate
 Technical Area: Hazardous Materials
 Project Manager: Jack W. Caswell

DATA ADEQUACY WORKSHEET

Revision No. 0 Date December 4, 2006
 Technical Staff: Rick Tyler
 Technical Senior: Rick Tyler

Project: Colusa Generating Station
 Docket: 06-AFC-9

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (1)	...provide a discussion of the existing site conditions, the expected direct, indirect and cumulative impacts due to the construction, operation and maintenance of the project, the measures proposed to mitigate adverse environmental impacts of the project, the effectiveness of the proposed measures, and any monitoring plans proposed to verify the effectiveness of the mitigation.	Section 8.12	Yes	
Appendix B (g) (10) (A)	A list of all materials used or stored on-site which are hazardous or acutely hazardous, as defined in Title 22, California Code of Regulations, § 66261.20 et seq., and a discussion of the toxicity of each material.	Table 8.21-1	Yes	
Appendix B (g) (10) (B)	A map at a scale of 1:24,000 depicting the location of schools, hospitals, day-care facilities, emergency response facilities and long-term health care facilities, within the area potentially affected by any release of hazardous materials.	Figure 8.6-1	Yes	
Appendix B (g) (10) (C)	A discussion of the storage and handling system for each hazardous material used or stored at the site.	Section 8.12.2.2 and Section 8.12.2.1	Yes	
Appendix B (g) (10) (D)	The protocol that will be used in modeling potential consequences of accidental releases that could result in off site impacts. Identify the model(s) to be used, a description of all input assumptions, including meteorological conditions. The results of the modeling analysis can be submitted after the AFC is complete.	Section 8.12.2.2.1	Yes	
Appendix B (g) (10) (E)	A discussion of whether a risk management plan (Health and Safety Code § 25531 et seq.) will be required, and if so, the requirements that will likely be incorporated into the plan.	Section 8.12.2.2.1	Yes	

Adequacy Issue: Adequate Inadequate
 Technical Area: Hazardous Materials
 Project Manager: Jack W. Caswell

DATA ADEQUACY WORKSHEET

Revision No. 0 Date December 4, 2006
 Technical Staff: Rick Tyler
 Technical Senior: Rick Tyler

Project: Colusa Generating Station
 Docket: 06-AFC-9

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (10) (F)	A discussion of measures proposed to reduce the risk of any release of hazardous materials.	Section 8.12	Yes	
Appendix B (g) (10) (G)	A discussion of the fire and explosion risks associated with the project.	Section 8.12.2.2.2	Yes	
Appendix B (h) (1) (A)	Tables which identify laws, regulations, ordinances, standards, adopted local, regional, state, and federal land use plans, and permits applicable to the proposed project, and a discussion of the applicability of each. The table or matrix shall explicitly reference pages in the application wherein conformance, with each law or standard during both construction and operation of the facility is discussed;	Table 8.12-3 and Section 8.12.5	Yes	
Appendix B (h) (1) (B)	Tables which identify each agency with jurisdiction to issue applicable permits and approvals or to enforce identified laws, regulations, standards, and adopted local, regional, state and federal land use plans, and agencies which would have permit approval or enforcement authority, but for the exclusive authority of the commission to certify sites and related facilities.	Section 8.12.6 and Section 8.12.7	Yes	
Appendix B (h) (2)	A discussion of the conformity of the project with the requirements listed in subsection (h)(1)(A).	Section 8.12.5	Yes	
Appendix B (h) (3)	The name, title, phone number, and address, if known, of an official within each agency who will serve as a contact person for the agency.	Table 8.12.6	Yes	

Adequacy Issue: Adequate Inadequate

DATA ADEQUACY WORKSHEET

Revision No. 0 Date December 4, 2006

Technical Area: **Hazardous Materials**

Project: Colusa Generating Station

Technical Staff: Rick Tyler

Project Manager: Jack W. Caswell

Docket: 06-AFC-9

Technical Senior: Rick Tyler

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (h) (4)	A schedule indicating when permits outside the authority of the commission will be obtained and the steps the applicant has taken or plans to take to obtain such permits.	Section 8.12.7	Yes	

Adequacy Issue: Adequate _____ Inadequate X

**DATA ADEQUACY WORKSHEET
(Six Month Expedited Process)**

Revision No. 0 Date December 4, 2006

Technical Area: Land Use
Project Manager: Jack W. Caswell

Project: Colusa Generating Station
Docket: 06-AFC-09

Technical Staff: Mark R. Hamblin
Technical Senior: Dale Edwards

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
§2022(b)(1) (All)	Substantial evidence that the project as proposed in the application will comply with all standards, ordinances, and laws applicable at the time of certification including;			
§2022(b)(1)(A) (All)	A list of such standards, ordinances, and laws;	Table 8.4-2, pages. 8.4-12 through 16	Yes	
§2022(b)(1)(B) (All)	Information demonstrating that the project as proposed in the application will comply with all such standards, ordinances, and laws;	Page 8.4-3 through 8.4-4, section 8.4.2.3 Pages 8.4.8 through 9, sections 8.4.7.1 through 4	Yes	
§2022(b)(1)(C) (All)	Where a standard, ordinance, or law is expected to change between the time of filing an application and certification, information from the responsible jurisdiction documenting the impending change, the schedule for enactment of the change, and whether the proposed project will comply with the changed standard, ordinance, or law.; and	Pages 8.4.8 through 9, sections 8.4.7.1 through 8	No	The proposed project requires the adoption or approval of several land use entitlements by the County of Colusa in order for it to be consistent with State and County laws and ordinances. The land use entitlements include the following: a General Plan Amendment, a Change of Zone District and a Subdivision Map. A schedule for the approval or enactment of these entitlements by the County was not provided in the AFC and is not known by the applicant at the present time. The applicant filed the land use entitlement applications with the County on November 1, 2006.
§2022(b)(1)(D) (All)	A list of the requirements for permitting by each federal, state, regional, and local agency that has jurisdiction over the proposed project or that would have jurisdiction, but for the exclusive jurisdiction of the commission, and the information necessary to meet those requirements;	Page 8.4-9, section 8.4.7.4	Yes	

Adequacy Issue: Adequate _____ Inadequate X

**DATA ADEQUACY WORKSHEET
(Six Month Expedited Process)**

Revision No. 0 Date December 4, 2006

Technical Area: Land Use
Project Manager: Jack W. Caswell

Project: Colusa Generating Station
Docket: 06-AFC-09

Technical Staff: Mark R. Hamblin
Technical Senior: Dale Edwards

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
§2022(b)(4)(A) (Land Use, Socioeconomics)	Demographic information by census tract, based on the most recent census data available, showing the number and percentage of minority populations and people living below the poverty level within six miles of the proposed site;	N/A – Information addressed in the Socioeconomic section.	N/A	
§2022(b)(4)(B) (Land Use, Socioeconomics)	One or more maps at a scale of 1:24,000 showing the distribution of minority populations and low-income populations and significant pollution sources within six miles of the proposed site, such as those permitted by the U.S. Environmental Protection Agency (Toxic Release Inventory sites), the local air quality management district, or the California Department of Toxic Substances Control; and	N/A – Information addressed in the Socioeconomic section.	N/A	
§2022(b)(5)(A) (Project Description)	Information demonstrating the applicant's control, by ownership, lease, option, or other legally binding agreement, that the Commission finds acceptable, of the proposed site and	Appendix K2 - Land Use, Application Component 7: Preliminary Title Report.	Yes	

Adequacy Issue: Adequate Inadequate

DATA ADEQUACY WORKSHEET

Revision No. 0 Date December 4, 2006

Technical Area: Land Use

Project: Colusa Generating Station

Technical Staff: Mark R. Hamblin

Project Manager: Jack W. Caswell

Docket: 06-AFC-09

Technical Senior: Dale Edwards

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (1)	...provide a discussion of the existing site conditions, the expected direct, indirect and cumulative impacts due to the construction, operation and maintenance of the project, the measures proposed to mitigate adverse environmental impacts of the project, the effectiveness of the proposed measures, and any monitoring plans proposed to verify the effectiveness of the mitigation.	Page 8.4-2, section 8.4.1.2 Page 8.4-3, section 8.4.2 Page 8.4-8 through 9, sections 8.4.7.1 through 8.4.7.4 Page 8.9-4 through 6, sections 8.9.2.1 through 8.9.5	Yes	
Appendix B (g) (3) (A)	A discussion of existing land uses and current zoning at the site, land uses and land use patterns within one mile of the proposed site and within one-quarter mile of any project-related linear facilities. Include :	Figure 8.4-2., Figure 8.4-3 Page 8.4-2, section 8.4.1.2 Page 8.4-3, section 8.4.1.3 Page 8.4-5, section 8.4.5.1 Page 8.4-8, section 8.4.5.2	Yes	
Appendix B (g) (3) (A) (i)	An identification of residential, commercial, industrial, recreational, scenic, agricultural, natural resource protection, natural resource extraction, educational, religious, cultural, and historic areas, and any other area of unique land uses;	Figure 8.4-1., Figure 8.4-2, Figure 8.4-3 Page 8.4-1 through 2, section 8.4.1.1 Page 8.4-2, section 8.4.1.2	Yes	
Appendix B (g) (3) (A) (ii)	A discussion of any trends in recent zoning changes and potential future land use development;	Page 8.4-1 through 2, section 8.4.4.4. Page 8.4-5, section 8.4.5.1 Page 8.4-7, section 8.4.5.1.2	Yes	
Appendix B (g) (3) (A) (iii)	Identification of all discretionary reviews by public agencies initiated or completed within 18 months prior to filing the application for those changes or developments identified in subsection (g)(3)(A)(ii); and	Page 8.4-1, section 8.4.1.1.	Yes	

Adequacy Issue: Adequate Inadequate

DATA ADEQUACY WORKSHEET

Revision No. 0 Date December 4, 2006

Technical Area: Land Use

Project: Colusa Generating Station

Technical Staff: Mark R. Hamblin

Project Manager: Jack W. Caswell

Docket: 06-AFC-09

Technical Senior: Dale Edwards

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (3) (A) iv)	Legible maps of the areas identified in subsection (g)(3)(A) potentially affected by the project, on which existing land uses, jurisdictional boundaries, general plan designations, specific plan designations, and zoning have been clearly delineated.	Figure 8.4-2, Figure 8.4-3	Yes	
Appendix B (g) (3) (B)	A discussion of the compatibility of the proposed facilities with present and expected land uses, and conformity with any long-range land use plans adopted by any federal, state, regional, or local planning agency. The discussion shall identify the need, if any, for variances or any measures that would be necessary to make the proposal conform with permitted land uses.	Page 8.4-8 and 9, sections 8.4.7.1 through 4	Yes	
Appendix B (g) (15) (B)	A map at a scale of 1:24,000 and written description of agricultural land uses found within all areas affected by the proposed project. The description shall include:	Figure 8.9-3 Page 8.9-1 through 2, section 8.9.1.2	Yes	
Appendix B (g) (15) (B) (i)	Crop types, irrigation systems, and any special cultivation practices; and	Page 8.9-1 through 2, section 8.9.1.2	Yes	
Appendix B (g) (15) (B) (ii)	Whether farmland affected by the project is prime, of statewide importance, or unique as defined by the Natural Resource Conservation Service of the California Department of Conservation.	Figure 8.9-1 Figure 8.9-2 Page 8.9-4, section 8.9.2.1	Yes	
Appendix B (g) (15) (C)	An assessment of the effects of the proposed project on soil resources and agricultural land uses. This decision shall include:	Page 8.9-4 through 5, sections 8.9.2.1 and 2	Yes	
Appendix B (g) (15) (C) (ii)	Direct and indirect effects on agricultural land uses; and	Page 8.9-4 through 5, sections 8.9.2.1 and 2	Yes	

Adequacy Issue: Adequate Inadequate

DATA ADEQUACY WORKSHEET

Revision No. 0 Date December 4, 2006

Technical Area: Land Use

Project: Colusa Generating Station

Technical Staff: Mark R. Hamblin

Project Manager: Jack W. Caswell

Docket: 06-AFC-09

Technical Senior: Dale Edwards

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (h) (1) (A)	Tables which identify laws, regulations, ordinances, standards, adopted local, regional, state, and federal land use plans, and permits applicable to the proposed project, and a discussion of the applicability of each. The table or matrix shall explicitly reference pages in the application wherein conformance, with each law or standard during both construction and operation of the facility is discussed;	Table 8.4-2 Table 8.9-2	Yes	
Appendix B (h) (1) (B)	Tables which identify each agency with jurisdiction to issue applicable permits and approvals or to enforce identified laws, regulations, standards, and adopted local, regional, state and federal land use plans, and agencies which would have permit approval or enforcement authority, but for the exclusive authority of the commission to certify sites and related facilities.	Page 8.9-7 through 8, sections 8.9.6 and 7 Page 8.4-9, section 8.4.7.4 Table 8.4-2 Table 8.9-2	Yes	
Appendix B (h) (2)	A discussion of the conformity of the project with the requirements listed in subsection (h)(1)(A).	Page 8.4-1 through 9, section 8.4	Yes	
Appendix B (h) (3)	The name, title, phone number, and address, if known, of an official within each agency who will serve as a contact person for the agency.	Page 8.4-8, section 8.4.6 Page 8.9-7, section 8.9.6	Yes	
Appendix B (h) (4)	A schedule indicating when permits outside the authority of the commission will be obtained and the steps the applicant has taken or plans to take to obtain such permits.	Page 8.4-9, section 8.4.7.4 Page 8.9.7, section 8.9.7	Yes	

Adequacy Issue: Adequate _____ Inadequate X

**DATA ADEQUACY WORKSHEET
(Six Month Expedited Process)**

Revision No. 0 Date December 4, 2006

Technical Area: Noise and Vibration
Project Manager: Jack W. Caswell

Project: Colusa Generating Station
Docket: 06-AFC-9

Technical Staff: Steve Baker
Technical Senior: Steve Baker

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
§2022(b)(1) (All)	Substantial evidence that the project as proposed in the application will comply with all standards, ordinances, and laws applicable at the time of certification including;			
§2022(b)(1)(A) (All)	A list of such standards, ordinances, and laws;	§ 8.5.5.3; Table 8.5-8	Yes	
§2022(b)(1)(B) (All)	Information demonstrating that the project as proposed in the application will comply with all such standards, ordinances, and laws;	§ 8.5.1.3 § 8.5.2.3	No No	Provide a discussion of the general atmospheric condition, including temperature, humidity, and the presence of wind and rain at the time of the ambient noise level measurements. The AFC only addresses worker noise impacts during plant operation. Please address worker noise impacts and protection plans during the construction phase.
§2022(b)(1)(C) (All)	Where a standard, ordinance, or law is expected to change between the time of filing an application and certification, information from the responsible jurisdiction documenting the impending change, the schedule for enactment of the change, and whether the proposed project will comply with the changed standard, ordinance, or law.; and	§ 8.5.5.3	Yes	
§2022(b)(1)(D) (All)	A list of the requirements for permitting by each federal, state, regional, and local agency that has jurisdiction over the proposed project or that would have jurisdiction, but for the exclusive jurisdiction of the commission, and the information necessary to meet those requirements;	§ 8.5.7	Yes	
§2022(b)(2)	Substantial evidence that the project as proposed in the application will not cause a significant adverse impact on the environment, including the following:			

Adequacy Issue: Adequate _____ Inadequate X

DATA ADEQUACY WORKSHEET

Revision No. 0 Date December 4, 2006

Technical Area: **Noise and Vibration**

Project: Colusa Generating Station

Technical Staff: Steve Baker

Project Manager: Jack W. Caswell

Docket: 06-AFC-9

Technical Senior: Steve Baker

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (1)	...provide a discussion of the existing site conditions, the expected direct, indirect and cumulative impacts due to the construction, operation and maintenance of the project, the measures proposed to mitigate adverse environmental impacts of the project, the effectiveness of the proposed measures, and any monitoring plans proposed to verify the effectiveness of the mitigation.	§§ 1.1, 1.6, 1.10, 1.11.15, 3.2, 3.4.3.1, 3.4.3.5, 3.9.2.2; Table 3.9-1; Chapter 8.5	Yes	
Appendix B (g) (4) (A)	A land use map which identifies residences, hospitals, libraries, schools, places of worship, or other facilities where quiet is an important attribute of the environment within the area impacted by the proposed project. The area impacted by the proposed project is that area where there is a potential increase of 5 dB(A) or more, during either construction or operation, over existing background levels.	Figure 8.5-1	Yes	

Adequacy Issue: Adequate _____ Inadequate X
 Technical Area: Noise and Vibration
 Project Manager: Jack W. Caswell

DATA ADEQUACY WORKSHEET

Revision No. 0 Date December 4, 2006
 Technical Staff: Steve Baker
 Technical Senior: Steve Baker

Project: Colusa Generating Station
 Docket: 06-AFC-9

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (4) (B)	A description of the ambient noise levels at those sites identified under subsection (g)(4)(A) which the applicant believes provide a representative characterization of the ambient noise levels in the project vicinity, and a discussion of the general atmospheric conditions, including temperature, humidity, and the presence of wind and rain at the time of the measurements. The existing noise levels shall be determined by taking noise measurements for a minimum of 25 consecutive hours at a minimum of one site. Other sites may be monitored for duration at the applicant's discretion during the same 25-hour period. The results of the noise level measurements shall be reported in L _{eq} (equivalent sound or noise level), L _{dn} (day-night sound or noise level) or CNEL (Community Noise Equivalent Level) in units of dB(A). The L ₁₀ , L ₅₀ , and L ₉₀ values (noise levels exceeded 10 percent, 50 percent, and 90 percent of the time, respectively) shall also be reported.	§ 8.5.1.3	No	Provide a discussion of the general atmospheric condition, including temperature, humidity, and the presence of wind and rain at the time of the ambient noise level measurements.
Appendix B (g) (4) (C)	A description of the major noise sources of the project, including the range of noise levels and the tonal and frequency characteristics of the noise emitted.	§ 8.5.2.2; Table 8.5-5	Yes	
Appendix B (g) (4) (D)	An estimate of the project noise levels, during both construction and operation, at residences, hospitals, libraries, schools, places of worship or other facilities where quiet is an important attribute of the environment, within the area impacted by the proposed project.	§§ 8.5.2.1, 8.5.2.2; Tables 8.5-6, 8.5-7	Yes	
Appendix B (g) (4) (E)	An estimate of the project noise levels within the project site boundary during both construction and operation and the impact to the workers at the site due to the estimated noise levels.	§ 8.5.2.3	No	§ 8.5.2.3 addresses worker noise impacts only during plant operation. Please address worker noise impacts and protection plans during the construction phase.

Adequacy Issue: Adequate _____ Inadequate X

DATA ADEQUACY WORKSHEET

Revision No. 0 Date December 4, 2006

Technical Area: Noise and Vibration

Project: Colusa Generating Station

Technical Staff: Steve Baker

Project Manager: Jack W. Caswell

Docket: 06-AFC-9

Technical Senior: Steve Baker

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (4) (F)	The audible noise from existing switchyards and overhead transmission lines that would be affected by the project and estimates of the future audible noise levels that would result from existing and proposed switchyards and transmission lines. Noise levels shall be calculated at the property boundary for switchyards and at the edge of the rights-of-way for transmission lines.	N/A	N/A	
Appendix B (h) (1) (A)	Tables which identify laws, regulations, ordinances, standards, adopted local, regional, state, and federal land use plans, and permits applicable to the proposed project, and a discussion of the applicability of each. The table or matrix shall explicitly reference pages in the application wherein conformance, with each law or standard during both construction and operation of the facility is discussed;	Table 8.5-8	Yes	
Appendix B (h) (1) (B)	Tables which identify each agency with jurisdiction to issue applicable permits and approvals or to enforce identified laws, regulations, standards, and adopted local, regional, state and federal land use plans, and agencies which would have permit approval or enforcement authority, but for the exclusive authority of the commission to certify sites and related facilities.	§ 8.5.6	Yes	
Appendix B (h) (2)	A discussion of the conformity of the project with the requirements listed in subsection (h)(1)(A).	§§ 8.5.2.1, 8.5.2.2, 8.5.2.3, 8.5.4.1, 8.5.4.2; Tables 8.5-6, 8.5-7	Yes	
Appendix B (h) (3)	The name, title, phone number, and address, if known, of an official within each agency who will serve as a contact person for the agency.	§ 8.5.6	Yes	

Adequacy Issue: Adequate _____ Inadequate X

DATA ADEQUACY WORKSHEET

Revision No. 0 Date December 4, 2006

Technical Area: **Noise and Vibration**

Project: Colusa Generating Station

Technical Staff: Steve Baker

Project Manager: Jack W. Caswell

Docket: 06-AFC-9

Technical Senior: Steve Baker

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (h) (4)	A schedule indicating when permits outside the authority of the commission will be obtained and the steps the applicant has taken or plans to take to obtain such permits.	§ 8.5.7	Yes	

Adequacy Issue: Adequate Inadequate

**DATA ADEQUACY WORKSHEET
(Six Month Expedited Process)**

Revision No. 0 Date December 4, 2006

Technical Area: Paleontological Resources

Project: Colusa Generating Station

Technical Staff: Patrick Pilling, Ph.D., P.E.

Project Manager: Jack W. Caswell

Docket: 06-AFC-09

Technical Senior: Steve Baker

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
§2022(b)(1) (All)	Substantial evidence that the project as proposed in the application will comply with all standards, ordinances, and laws applicable at the time of certification including;	Compliance Section		
§2022(b)(1)(A) (All)	A list of such standards, ordinances, and laws;	Table 8.16-2, Page 8.16-12.	Yes	
§2022(b)(1)(B) (All)	Information demonstrating that the project as proposed in the application will comply with all such standards, ordinances, and laws;	Section 8.16.5, Page 8.16-7.	Yes	
§2022(b)(1)(C) (All)	Where a standard, ordinance, or law is expected to change between the time of filing an application and certification, information from the responsible jurisdiction documenting the impending change, the schedule for enactment of the change, and whether the proposed project will comply with the changed standard, ordinance, or law.; and	N/A	N/A	
§2022(b)(1)(D) (All)	A list of the requirements for permitting by each federal, state, regional, and local agency that has jurisdiction over the proposed project or that would have jurisdiction, but for the exclusive jurisdiction of the commission, and the information necessary to meet those requirements;	N/A	N/A	
§2022(b)(2)	Substantial evidence that the project as proposed in the application will not cause a significant adverse impact on the environment, including the following:			

Adequacy Issue: Adequate Inadequate

DATA ADEQUACY WORKSHEET

Revision No. 0 Date December 4, 2006

Technical Area: Paleontological Resources

Project: Colusa Generating Station

Technical Staff: Patrick Pilling, Ph.D., P.E.

Project Manager: Jack W. Caswell

Docket: 06-AFC-09

Technical Senior: Steve Baker

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (1)	...provide a discussion of the existing site conditions, the expected direct, indirect and cumulative impacts due to the construction, operation and maintenance of the project, the measures proposed to mitigate adverse environmental impacts of the project, the effectiveness of the proposed measures, and any monitoring plans proposed to verify the effectiveness of the mitigation.	Section 8.16.1, Page 8.16-1; Section 8.16.2, Page 8.16-6 and 8.16-7; Section 8.16.3, Page 8.16-7; and Section 8.16.4, Page 8.16-7.	Yes	
Appendix B (g) (16) (A)	Identification of the physiographic province and a brief summary of the geologic setting, formations, and stratigraphy of the project area. The area may vary depending on the depositional history of the area.	Section 8.16.1.1, Page 8.16-2 and 8.16-3.	Yes	
Appendix B (g) (16) (B)	A discussion of the sensitivity of the project area described in subsection (g)(16)(A) and the presence and significance of any known paleontologic localities or other paleontologic resources within or adjacent to the project.	Section 8.16.1.2, Page 8.16-3 through 8.16-6; Table 8.16-1, Page 8.16-11; and Appendix R.	Yes	
Appendix B (g) (16) (C)	A summary of all literature searches and field surveys used to provide information about paleontologic resources in the project area described in subsection (g)(16)(A). Identify the dates of the surveys, methods used in completing the surveys, and the names and qualifications of the individuals conducting the surveys.	Section 8.16.1.2, Page 8.16-4 through 8.16-5; and Appendix R.	Yes	
Appendix B (g) (16) (D)	Information on the specific location of known paleontologic resources, survey reports, locality records, and maps at a scale of 1:24,000, shall be included in a separate appendix to the Application and submitted to the Commission under a request for confidentiality, pursuant to Title 20, California Code of Regulations, § 2501 et seq.	Appendix R.	Yes	

Adequacy Issue: Adequate Inadequate

DATA ADEQUACY WORKSHEET

Revision No. 0 Date December 4, 2006

Technical Area: Paleontological Resources

Project: Colusa Generating Station

Technical Staff: Patrick Pilling, Ph.D., P.E.

Project Manager: Jack W. Caswell

Docket: 06-AFC-09

Technical Senior: Steve Baker

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (16) (E)	A discussion of any educational programs proposed to enhance awareness of potential impacts to paleontological resources by employees, measures proposed for mitigation of impacts to known paleontologic resources, and a set of contingency measures for mitigation of potential impacts to currently unknown paleontologic resources.	Section 8.16.4, Page 8.16-7.	Yes	
Appendix B (h) (1) (A)	Tables which identify laws, regulations, ordinances, standards, adopted local, regional, state, and federal land use plans, and permits applicable to the proposed project, and a discussion of the applicability of each. The table or matrix shall explicitly reference pages in the application wherein conformance, with each law or standard during both construction and operation of the facility is discussed;	Table 8.16-2, Page 8.16-12	Yes	
Appendix B (h) (1) (B)	Tables which identify each agency with jurisdiction to issue applicable permits and approvals or to enforce identified laws, regulations, standards, and adopted local, regional, state and federal land use plans, and agencies which would have permit approval or enforcement authority, but for the exclusive authority of the commission to certify sites and related facilities.	Not Applicable (N/A)	N/A	
Appendix B (h) (2)	A discussion of the conformity of the project with the requirements listed in subsection (h)(1)(A).	Section 8.16.5, Page 8.16-8.	Yes	
Appendix B (h) (3)	The name, title, phone number, and address, if known, of an official within each agency who will serve as a contact person for the agency.	N/A	N/A	
Appendix B (h) (4)	A schedule indicating when permits outside the authority of the commission will be obtained and the steps the applicant has taken or plans to take to obtain such permits.	N/A	N/A	

Adequacy Issue: Adequate Inadequate

**DATA ADEQUACY WORKSHEET
(Six Month Expedited Process)**

Revision No. 0 Date December 4, 2006

Technical Area: **Project Overview**

Project: Colusa Generating Station

Technical Staff: Jack W. Caswell

Project Manager: Jack W. Caswell

Docket: 06-AFC-9

Technical Senior: Eileen Allen

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
§2022(b)(1) (All)	Substantial evidence that the project as proposed in the application will comply with all standards, ordinances, and laws applicable at the time of certification including;			
§2022(b)(1)(A) (All)	A list of such standards, ordinances, and laws;	AFC Technical sections	N/A	
§2022(b)(1)(B) (All)	Information demonstrating that the project as proposed in the application will comply with all such standards, ordinances, and laws;	AFC Technical Sections	N/A	
§2022(b)(1)(C) (All)	Where a standard, ordinance, or law is expected to change between the time of filing an application and certification, information from the responsible jurisdiction documenting the impending change, the schedule for enactment of the change, and whether the proposed project will comply with the changed standard, ordinance, or law.; and	AFC Technical Sections	N/A	
§2022(b)(1)(D) (All)	A list of the requirements for permitting by each federal, state, regional, and local agency that has jurisdiction over the proposed project or that would have jurisdiction, but for the exclusive jurisdiction of the commission, and the information necessary to meet those requirements;	AFC Technical Sections	N/A	
§2022(b)(5)	The following information to demonstrate that the project, if certified, is likely to be constructed and operated;			
§2022(b)(5)(A) (Project Description)	Information demonstrating the applicant's control, by ownership, lease, option, or other legally binding agreement, that the Commission finds acceptable, of the proposed site and	Introduction 1.7 page 1-3 and Appendix K Land Use Component 7	Yes	

Adequacy Issue: Adequate Inadequate
 Technical Area: Project Overview
 Project Manager: Jack W. Caswell

DATA ADEQUACY WORKSHEET

Revision No. 0 Date December 4, 2006
 Technical Staff: Jack W. Caswell
 Technical Senior: Eileen Allen.

Project: Colusa Generating Station
 Docket: 06-AFC-9

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Cal. Code Regs., tit. 20, § 1704, (a) (3) (A)	Descriptions of all significant assumptions, methodologies, and computational methods used in arriving at conclusions in the document.	Throughout AFC	Yes	
Cal. Code Regs., tit. 20, § 1704, (a) (3) (B)	Descriptions, including methodologies and findings, of all major studies or research efforts undertaken and relied upon to provide information for the document; and a description of ongoing research of significance to the project (including expected completion dates; and	Throughout AFC	Yes	
Cal. Code Regs., tit. 20, § 1704, (a) (3) (C)	A list of all literature relied upon or referenced in the documents, along with brief discussions of the relevance of each such reference	Throughout AFC	Yes	
Cal. Code Regs., tit. 20, § 1704, (a) (4)	Each principal subject area covered in a notice or application shall be set forth in a separate chapter or section, each of which shall identify the person or persons responsible for its preparation.	Throughout AFC and Chapter 10	Yes	
Appendix B (a) (1) (A)	A general description of the proposed site and related facilities, including the location of the site or transmission routes, the type, size and capacity of the generating or transmission facilities, fuel characteristics, fuel supply, water supply, pollution control systems, and other general characteristics.	Throughout AFC and Chapter 3.0	Yes	
Appendix B (a) (1) (B)	Identification of the location of the proposed site and related facilities by section, township, range, county and assessors parcel numbers.	Chapter 3.; Section 3.2 page 3-1 Appendix K Land Use	Yes	
Appendix B (a) (1) (C)	A description of and maps depicting the region, the vicinity, and the site and its immediate surroundings.	Chapter 3.0; Figures 3.2-1; 3.3-1	Yes	
Appendix B (a) (1) (D)	A full-page color photographic reproduction depicting the visual appearance of the site prior to construction, and a full-page color simulation or artist's rendering of the site and all project components at the site, after construction.	Chapter 8.11; Figure 8.11-2 through 8.11-11	Yes	

Adequacy Issue: Adequate Inadequate
 Technical Area: Project Overview
 Project Manager: Jack W. Caswell

DATA ADEQUACY WORKSHEET

Revision No. 0 Date December 4, 2006
 Technical Staff: Jack W. Caswell
 Technical Senior: Eileen Allen.

Project: Colusa Generating Station
 Docket: 06-AFC-9

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (a) (1) (E)	In an appendix to the application, a list of current assessor's parcel numbers and owners' names and addresses for all parcels within 500 feet of the proposed transmission line and other linear facilities, and within 1000 feet of the proposed powerplant and related facilities.	Appendix K , Land Use K1	Yes	
Appendix B (a) (2)	Project Schedule: Proposed dates of initiation and completion of construction, initial start-up, and full-scale operation of the proposed facilities.	Chapter 3.0 Figure 3.6-1	Yes	
Appendix B (a) (3) (A)	A list of all owners and operators of the site(s), the power plant facilities, and, if applicable, thermal host, the geothermal leasehold, the geothermal resource conveyance lines, and the geothermal re-injection system, and a description of their legal interest in these facilities.	Chapter 1.0 section 1.1,1.5; pages 1-1 & 1-3	Yes	
Appendix B (a) (3) (B)	A list of all owners and operators of the proposed electric transmission facilities.	Chapter 5.0 page 5-1	Yes	
Appendix B (a) (3) (C)	A description of the legal relationship between the applicant and each of the persons or entities specified in subsections (a)(3)(A) and (B).	Chapter 1.0; section 1.7, 1.5 page 1-3	Yes	
Appendix B (b) (1) (A)	Maps at a scale of 1:24,000 (1" = 2000'), along with an identification of the dedicated leaseholds by section, township, range, county, and county assessor's parcel number, showing the proposed final locations and layout of the power plant and all related facilities;	Chapter 8.3: figure 8.3-1, Appendix K	Yes	
Appendix B (b) (1) (B)	Scale plan and elevation drawings depicting the relative size and location of the power plant and all related facilities;	Chapter 3.0; figures 3.3-1, 3.4-1, 3.4-2, 3.4-3	Yes	

Adequacy Issue: Adequate Inadequate

DATA ADEQUACY WORKSHEET

Revision No. 0 Date December 4, 2006

Technical Area: Project Overview

Project: Colusa Generating Station

Technical Staff: Jack W. Caswell

Project Manager: Jack W. Caswell

Docket: 06-AFC-9

Technical Senior: Eileen Allen.

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (b) (1) (C)	A detailed description of the design, construction and operation of the facilities, specifically including the power generation, cooling, water supply and treatment, waste handling and control, pollution control, fuel handling, and safety, emergency and auxiliary systems, and fuel types and fuel use scenarios; and	Chapter 3.0 complete chapter	Yes	
Appendix B (b) (2) (A)	Maps at a scale of 1:24,000 of each proposed transmission line route, showing the settled areas, parks, recreational areas, scenic areas, and existing transmission lines within one mile of the proposed route(s).	N/A	N/A	None in area
Appendix B (b) (2) (B)	A full-page color photographic reproduction depicting a representative above ground section of the transmission line route prior to construction and a full-page color photographic simulation of that section of the transmission line route after construction.	Chapter 8.11; figures 8.11-8, 8.11-9	Yes	
Appendix B (e) (1)	A discussion of how facility closure will be accomplished in the event of premature or unexpected cessation of operations.	Chapter 4.0, sections 4.0 through 4.2 pages 4-1, 4-2	Yes	

Adequacy Issue: Adequate Inadequate

**DATA ADEQUACY WORKSHEET
(Six Month Expedited Process)**

Revision No. 0 Date December 4, 2006

Technical Area: Public Health
Project Manager: Jack W. Caswell

Project: Colusa Generating Station
Docket: 06-AFC-9

Technical Staff: Obed Odoemelam
Technical Senior: Matthew Layton

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
§2022(b)(1) (All)	Substantial evidence that the project as proposed in the application will comply with all standards, ordinances, and laws applicable at the time of certification including;			
§2022(b)(1)(A) (All)	A list of such standards, ordinances, and laws;	Section 8.6, pages 8.6-9, 8.6-14, and 8.6-15.	Yes	
§2022(b)(1)(B) (All)	Information demonstrating that the project as proposed in the application will comply with all such standards, ordinances, and laws;	Section 8.6, pages 8.6-5 through 8.6-9.	Yes	
§2022(b)(1)(C) (All)	Where a standard, ordinance, or law is expected to change between the time of filing an application and certification, information from the responsible jurisdiction documenting the impending change, the schedule for enactment of the change, and whether the proposed project will comply with the changed standard, ordinance, or law.; and			
§2022(b)(1)(D) (All)	A list of the requirements for permitting by each federal, state, regional, and local agency that has jurisdiction over the proposed project or that would have jurisdiction, but for the exclusive jurisdiction of the commission, and the information necessary to meet those requirements;	Section 8.6, pages 8.6-9, 8.6-14, and 8.6-15.	Yes	
§2022(b)(2)	Substantial evidence that the project as proposed in the application will not cause a significant adverse impact on the environment, including the following:			
§2022(b)(2)(D) (Air Quality, Public Health)	A modeling analysis that identifies the extent of potential public exposure to toxic substances, as identified in subsection (g)(9)(A) of Appendix B, resulting from normal facility operation;	Section 8.6, pages 8.6-2 through 8.6-7.	Yes	

Adequacy Issue: Adequate Inadequate

**DATA ADEQUACY WORKSHEET
(Six Month Expedited Process)**

Revision No. 0 Date December 4, 2006

Technical Area: **Public Health**

Project: Colusa Generating Station

Technical Staff: Obed Odoemelam

Project Manager: Jack W. Caswell

Docket: 06-AFC-9

Technical Senior: Matthew Layton

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
§2022(b)(4)(C) (Public Health)	Identification of available health studies concerning the potentially affected population(s) within a six-mile radius of the proposed power plant site;	Section 8.6, page 8.6-2.	Yes	
§2022(b)(5)	The following information to demonstrate that the project, if certified, is likely to be constructed and operated;			

Adequacy Issue: Adequate Inadequate
 Technical Area: Public Health
 Project Manager: Jack W. Caswell

DATA ADEQUACY WORKSHEET

Revision No. 0 Date December 4, 2006
 Technical Staff: Obed Odoemelam
 Technical Senior: Matthew Layton

Project: Colusa Generating Station
 Docket: 06-AFC-9

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (1)	...provide a discussion of the existing site conditions, the expected direct, indirect and cumulative impacts due to the construction, operation and maintenance of the project, the measures proposed to mitigate adverse environmental impacts of the project, the effectiveness of the proposed measures, and any monitoring plans proposed to verify the effectiveness of the mitigation.	Chapter 8.6, pages 8.6-1 through 8.6-7	Yes	
Appendix B (g) (9) (A)	A list of all toxic substances emitted by the project under normal operating conditions, which may cause an adverse public health impact as a result of acute, chronic, or sub-chronic exposure and to which members of the public may be exposed. This list should include, at a minimum, any pollutants emitted by the project that are listed pursuant to Health and Safety Code § 25249.8.	Chapter 8.6, pages 8.6-3, 8.6-11 and 8.6-12.	Yes	
Appendix B (g) (9) (B)	A protocol describing the analysis which the applicant will conduct to determine the extent of potential public exposure to substances identified in subsection (g)(9)(A) resulting from normal facility operation. The analysis itself can be submitted after the AFC is complete.	Chapter 8.6, page 8.6-2 and Appendix G	Yes	
Appendix B (g) (9) (C)	A map at a scale of 1:24,000, showing all terrain areas exceeding the elevation of the stack within a 10 mile radius of the facility.	Chapter 8.1, page 8.1-60.	Yes	
Appendix B (g) (9) (D)	A map at a scale of 1:24,000, showing the distribution of population and sensitive receptors within the area exposed to the substances identified in subsection (g)(9)(A).	Chapter 8.6, page 8.6-16.	Yes	

Adequacy Issue: Adequate Inadequate

DATA ADEQUACY WORKSHEET

Revision No. 0 Date December 4, 2006

Technical Area: Public Health

Project: Colusa Generating Station

Technical Staff: Obed Odoemelam

Project Manager: Jack W. Caswell

Docket: 06-AFC-9

Technical Senior: Matthew Layton

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (h) (1) (A)	Tables which identify laws, regulations, ordinances, standards, adopted local, regional, state, and federal land use plans, and permits applicable to the proposed project, and a discussion of the applicability of each. The table or matrix shall explicitly reference pages in the application wherein conformance, with each law or standard during both construction and operation of the facility is discussed;	Chapter 8.6, pages 8.6-14 and 8.6-15.	Yes	
Appendix B (h) (1) (B)	Tables which identify each agency with jurisdiction to issue applicable permits and approvals or to enforce identified laws, regulations, standards, and adopted local, regional, state and federal land use plans, and agencies which would have permit approval or enforcement authority, but for the exclusive authority of the commission to certify sites and related facilities.	Chapter 8.6, page 8.6-9.	Yes	
Appendix B (h) (2)	A discussion of the conformity of the project with the requirements listed in subsection (h)(1)(A).	Chapter 8.6, pages 8.6-14 and 8.6-15	Yes	
Appendix B (h) (3)	The name, title, phone number, and address, if known, of an official within each agency who will serve as a contact person for the agency.	Chapter 8.6, page 8.6-8	Yes	
Appendix B (h) (4)	A schedule indicating when permits outside the authority of the commission will be obtained and the steps the applicant has taken or plans to take to obtain such permits.	Chapter 8.6, page 8.6-10	Yes	

Adequacy Issue: Adequate Inadequate

**DATA ADEQUACY WORKSHEET
(Six Month Expedited Process)**

Revision No. 0 Date December 4, 2006

Technical Area: Reliability

Project: Colusa Generating Station

Technical Staff: Shahab Khoshmashrab

Project Manager: Jack W. Caswell

Docket: 06-AFC-9

Technical Senior: Steve Baker

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
§2022(b)(1) (All)	Substantial evidence that the project as proposed in the application will comply with all standards, ordinances, and laws applicable at the time of certification including;			
§2022(b)(1)(A) (All)	A list of such standards, ordinances, and laws;	N/A	N/A	
§2022(b)(1)(B) (All)	Information demonstrating that the project as proposed in the application will comply with all such standards, ordinances, and laws;	N/A	N/A	
§2022(b)(1)(C) (All)	Where a standard, ordinance, or law is expected to change between the time of filing an application and certification, information from the responsible jurisdiction documenting the impending change, the schedule for enactment of the change, and whether the proposed project will comply with the changed standard, ordinance, or law.; and	N/A	N/A	
§2022(b)(1)(D) (All)	A list of the requirements for permitting by each federal, state, regional, and local agency that has jurisdiction over the proposed project or that would have jurisdiction, but for the exclusive jurisdiction of the commission, and the information necessary to meet those requirements;	N/A	N/A	
§2022(b)(2)	Substantial evidence that the project as proposed in the application will not cause a significant adverse impact on the environment, including the following:			

Adequacy Issue: Adequate Inadequate

DATA ADEQUACY WORKSHEET

Revision No. 0 Date December 4, 2006

Technical Area: Reliability

Project: Colusa Generating Station

Technical Staff: Shahab Khoshmashrab

Project Manager: Jack W. Caswell

Docket: 06-AFC-9

Technical Senior: Steve Baker

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (1)	...provide a discussion of the existing site conditions, the expected direct, indirect and cumulative impacts due to the construction, operation and maintenance of the project, the measures proposed to mitigate adverse environmental impacts of the project, the effectiveness of the proposed measures, and any monitoring plans proposed to verify the effectiveness of the mitigation.	§§ 1.1, 1.4, 1.8, 1.9, 1.11.1, 1.11.13, 1.11.14, 3.9.3, 3.9.3.1, 3.9.3.4, 3.9.3.5, 3.9.3.6, 3.9.3.7, 3.9.3.8, 3.10, 3.11, 8.14.1.3, 8.15.1.3, 8.15.1.4 Appendices A through E and Q	Yes	
Appendix B (i) (3) (A)	A discussion of the sources and availability of the fuel or fuels to be used over the estimated service life of the facilities.	§ 3.9.3.7	Yes	
Appendix B (i) (3) (B)	A discussion of the anticipated service life and degree of reliability expected to be achieved by the proposed facilities based on a consideration of:	(See below)	Yes	
Appendix B (i) (3) (B) (i)	Expected annual and lifetime capacity factors;	§§ 3.9.3.1, 3.9.3.4	Yes	
Appendix B (i) (3) (B) (ii)	The demonstrated or anticipated feasibility of the technologies, systems, components, and measures proposed to be employed in the facilities, including the power generation system, the heat dissipation system, the water supply system, the re-injection system, the atmospheric emission control system, resource conveyance lines, and the waste disposal system;	§§ 1.1, 1.4, 1.8, 1.9, 1.11.1, 1.11.13, 1.11.14, 3.9.3.5	Yes	
Appendix B (i) (3) (B) (iii)	Geologic and flood hazards, meteorologic conditions and climatic extremes, and cooling water availability;	§§ 3.9.3.8, 8.14.1.3, 8.15.1.3, 8.15.1.4 Appendix Q	Yes	

Adequacy Issue: Adequate Inadequate

DATA ADEQUACY WORKSHEET

Revision No. 0 Date December 4, 2006

Technical Area: Reliability

Project: Colusa Generating Station

Technical Staff: Shahab Khoshmashrab

Project Manager: Jack W. Caswell

Docket: 06-AFC-9

Technical Senior: Steve Baker

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (i) (3) (B) (iv)	Special design features adopted by the applicant or resource supplier to ensure power plant reliability; and	§§ 3.9.3, 3.9.3.6	Yes	
Appendix B (i) (3) (B) (v)	The expected power plant maturation period.	§ 3.9.3.4	Yes	
Appendix B (h) (1) (A)	Tables which identify laws, regulations, ordinances, standards, adopted local, regional, state, and federal land use plans, and permits applicable to the proposed project, and a discussion of the applicability of each. The table or matrix shall explicitly reference pages in the application wherein conformance, with each law or standard during both construction and operation of the facility is discussed;	Table 3.10-1 Appendices A through E	Yes	
Appendix B (h) (1) (B)	Tables which identify each agency with jurisdiction to issue applicable permits and approvals or to enforce identified laws, regulations, standards, and adopted local, regional, state and federal land use plans, and agencies which would have permit approval or enforcement authority, but for the exclusive authority of the commission to certify sites and related facilities.	§§ 3.10, 3.11 Table 3.10-1 Appendices A through E	Yes	
Appendix B (h) (2)	A discussion of the conformity of the project with the requirements listed in subsection (h)(1)(A).	§ 3.10 Table 3.10-1 Appendices A through E	Yes	
Appendix B (h) (3)	The name, title, phone number, and address, if known, of an official within each agency who will serve as a contact person for the agency.	§ 3.11	Yes	

Adequacy Issue: Adequate Inadequate

DATA ADEQUACY WORKSHEET

Revision No. 0 Date December 4, 2006

Technical Area: Reliability

Project: Colusa Generating Station

Technical Staff: Shahab Khoshmashrab

Project Manager: Jack W. Caswell

Docket: 06-AFC-9

Technical Senior: Steve Baker

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (h) (4)	A schedule indicating when permits outside the authority of the commission will be obtained and the steps the applicant has taken or plans to take to obtain such permits.	N/A	N/A	

Adequacy Issue: Adequate Inadequate

**DATA ADEQUACY WORKSHEET
(Six Month Expedited Process)**

Revision No. 0 Date December 4, 2006

Technical Area: Socioeconomics
Project Manager: Jack W. Caswell

Project: Colusa Generating Station
Docket: 06-AFC-9

Technical Staff: Amanda Stennick
Technical Senior: Dale Edwards

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
§2022(b)(1) (All)	Substantial evidence that the project as proposed in the application will comply with all standards, ordinances, and laws applicable at the time of certification including;			
§2022(b)(1)(A) (All)	A list of such standards, ordinances, and laws;	Section 8.8.6	Yes	
§2022(b)(1)(B) (All)	Information demonstrating that the project as proposed in the application will comply with all such standards, ordinances, and laws;	Section 8.8.2	Yes	
§2022(b)(1)(C) (All)	Where a standard, ordinance, or law is expected to change between the time of filing an application and certification, information from the responsible jurisdiction documenting the impending change, the schedule for enactment of the change, and whether the proposed project will comply with the changed standard, ordinance, or law.; and	N/A	N/A	
§2022(b)(1)(D) (All)	A list of the requirements for permitting by each federal, state, regional, and local agency that has jurisdiction over the proposed project or that would have jurisdiction, but for the exclusive jurisdiction of the commission, and the information necessary to meet those requirements;	Section 8.8.8	Yes	
§2022(b)(2)	Substantial evidence that the project as proposed in the application will not cause a significant adverse impact on the environment, including the following:			

Adequacy Issue: Adequate Inadequate

**DATA ADEQUACY WORKSHEET
(Six Month Expedited Process)**

Revision No. 0 Date December 4, 2006

Technical Area: Socioeconomics
Project Manager: Jack W. Caswell

Project: Colusa Generating Station
Docket: 06-AFC-9

Technical Staff: Amanda Stennick
Technical Senior: Dale Edwards

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
§2022(b)(4) (Any area that addresses disproportionate impacts; environmental justice)	A discussion of the potential for disproportionate impacts from the project on minority or low-income people; such discussion shall include, but not be limited to, all of the following:			
§2022(b)(4)(A) (Land Use, Socioeconomics)	Demographic information by census tract, based on the most recent census data available, showing the number and percentage of minority populations and people living below the poverty level within six miles of the proposed site;	Table 8.8-15 Figure 8.8-2	Yes	
§2022(b)(4)(B) (Land Use, Socioeconomics)	One or more maps at a scale of 1:24,000 showing the distribution of minority populations and low-income populations and significant pollution sources within six miles of the proposed site, such as those permitted by the U.S. Environmental Protection Agency (Toxic Release Inventory sites), the local air quality management district, or the California Department of Toxic Substances Control; and	Figure 8.8-2	Yes	

Adequacy Issue: Adequate Inadequate
 Technical Area: Socioeconomics
 Project Manager: Jack W. Caswell

DATA ADEQUACY WORKSHEET

Revision No. 0 Date December 4, 2006
 Technical Staff: Amanda Stennick
 Technical Senior: Dale Edwards

Project: Colusa Generating Station
 Docket: 06-AFC-9

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (1)	...provide a discussion of the existing site conditions, the expected direct, indirect and cumulative impacts due to the construction, operation and maintenance of the project, the measures proposed to mitigate adverse environmental impacts of the project, the effectiveness of the proposed measures, and any monitoring plans proposed to verify the effectiveness of the mitigation.	Section 8.8	Yes	
Appendix B (g) (7) (A)	A description of the socioeconomic circumstances of the vicinity and region affected by construction and operation of the project. Include:	Section 8.8.1.1	Yes	
Appendix B (g) (7) (A) (i)	The economic characteristics, including the economic base, fiscal resources, and a list of the applicable local agencies with taxing powers and their most recent and projected revenues;	Sections 8.8.1.1.1 through 8.8.1.1.4	Yes	
Appendix B (g) (7) (A) (ii)	The social characteristics, including population and demographic and community trends;	Sections 8.8.1.2.1 through 8.8.1.2.4	Yes	
Appendix B (g) (7) (A) (iii)	Existing and projected unemployment rates;	Tables 8.8-3, -4	Yes	
Appendix B (g) (7) (A) (iv)	Availability of skilled workers by craft required for construction and operation of the project;	Tables 8.8-10, -11, -12	Yes	
Appendix B (g) (7) (A) (v)	Availability of temporary and permanent housing; and	Sections 8.8.1.2.1 through 8.8.1.2.4 Table 8.8-6, -13	Yes	
Appendix B (g) (7) (A) (vi)	Capacities, existing and expected use levels, and planned expansion of utilities (gas, water and waste) and public services, including fire protection, law enforcement, emergency response, medical facilities, other assessment districts, and school districts. For projects outside metropolitan areas with a population of 500,000 or more, information for each school district shall include current enrollment and yearly expected enrollment by grade level groupings, excluding project-related changes, for the duration of the project construction schedule.	Sections 8.8.1.3.1 through 8.8.1.3.5 Table 8.8-7	Yes	

Adequacy Issue: Adequate Inadequate
 Technical Area: Socioeconomics
 Project Manager: Jack W. Caswell

DATA ADEQUACY WORKSHEET

Revision No. 0 Date December 4, 2006
 Technical Staff: Amanda Stennick
 Technical Senior: Dale Edwards

Project: Colusa Generating Station
 Docket: 06-AFC-9

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (7) (B)	A discussion of the socioeconomic impacts caused by the construction and operation of the project, including:	See Below	Yes	
Appendix B (g) (7) (B) (i)	The number of workers to be employed each month by craft during construction and operation;	Table 8.8-9 Section 8.8.2.3	Yes	
Appendix B (g) (7) (B) (ii)	An estimate of the number and percentage of workers who will commute daily, commute weekly, or relocate in order to work on the project;	Section 8.8.2.3	Yes	
Appendix B (g) (7) (B) (iii)	An estimate of the potential population increase caused directly and indirectly by the project;	Section 8.8.2.4	Yes	
Appendix B (g) (7) (B) (iv)	The potential impact of population increase on housing during the construction and operations phases;	Section 8.8.2.4	Yes	
Appendix B (g) (7) (B) (v)	The potential impacts, including additional costs, on utilities (gas, water and waste) and public services, including fire, law enforcement, emergency response, medical facilities, other assessment districts, and school districts. For projects outside metropolitan areas with a population of 500,000 or more, information on schools shall include project-related enrollment changes by grade level groupings and associated facility and staffing impacts by school district during the construction and operation phases;	Sections 8.8.2.5.1 through 8.8.2.5.5	Yes	
Appendix B (g) (7) (B) (vi)	An estimate of applicable school impact fees;	Section 8.8.2.5.3	Yes	
Appendix B (g) (7) (B) (vii)	An estimate of the total construction payroll and an estimate of the total operation payroll;	Section 8.8.2.3	Yes	
Appendix B (g) (7) (B) (viii)	An estimate of the expenditures for locally purchased materials for the construction and operation phases of the project; and	Section 8.8.2.3	Yes	
Appendix B (g) (7) (B) (ix)	An estimate of the capital cost of the project of the potential impacts on tax revenues from construction and operation of the project.	Sections 8.8.2.3 and 8.8.2.3.6	Yes	

Adequacy Issue: Adequate Inadequate
 Technical Area: Socioeconomics
 Project Manager: Jack W. Caswell

DATA ADEQUACY WORKSHEET

Revision No. 0 Date December 4, 2006
 Technical Staff: Amanda Stennick
 Technical Senior: Dale Edwards

Project: Colusa Generating Station
 Docket: 06-AFC-9

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (h) (1) (A)	Tables which identify laws, regulations, ordinances, standards, adopted local, regional, state, and federal land use plans, and permits applicable to the proposed project, and a discussion of the applicability of each. The table or matrix shall explicitly reference pages in the application wherein conformance, with each law or standard during both construction and operation of the facility is discussed;	Section 8.8.6	Yes	
Appendix B (h) (1) (B)	Tables which identify each agency with jurisdiction to issue applicable permits and approvals or to enforce identified laws, regulations, standards, and adopted local, regional, state and federal land use plans, and agencies which would have permit approval or enforcement authority, but for the exclusive authority of the commission to certify sites and related facilities.	N/A	N/A	
Appendix B (h) (2)	A discussion of the conformity of the project with the requirements listed in subsection (h)(1)(A).	N/A	N/A	
Appendix B (h) (3)	The name, title, phone number, and address, if known, of an official within each agency who will serve as a contact person for the agency.	Section 8.8.7	Yes	
Appendix (h) (4)	A schedule indicating when permits outside the authority of the commission will be obtained and the steps the applicant has taken or plans to take to obtain such permits.	N/A	N/A	

Adequacy Issue: Adequate Inadequate

**DATA ADEQUACY WORKSHEET
(Six Month Expedited Process)**

Revision No. 0 Date December 4, 2006

Technical Area: Soils
Project Manager: Jack W. Caswell

Project: Colusa Generating Station
Docket: 06-AFC-9

Technical Staff: Richard Latteri
Technical Senior: Paul Richins

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
§2022(b)(1) (All)	Substantial evidence that the project as proposed in the application will comply with all standards, ordinances, and laws applicable at the time of certification including;			
§2022(b)(1)(A) (All)	A list of such standards, ordinances, and laws;			
§2022(b)(1)(B) (All)	Information demonstrating that the project as proposed in the application will comply with all such standards, ordinances, and laws;	Section 8.9.5 Table 8.9-2	Yes	
§2022(b)(1)(C) (All)	Where a standard, ordinance, or law is expected to change between the time of filing an application and certification, information from the responsible jurisdiction documenting the impending change, the schedule for enactment of the change, and whether the proposed project will comply with the changed standard, ordinance, or law.; and		N/A	
§2022(b)(1)(D) (All)	A list of the requirements for permitting by each federal, state, regional, and local agency that has jurisdiction over the proposed project or that would have jurisdiction, but for the exclusive jurisdiction of the commission, and the information necessary to meet those requirements;	Section 8.9-7	Yes	

Adequacy Issue: Adequate Inadequate
 Technical Area: Soils
 Project Manager: Jack W. Caswell

DATA ADEQUACY WORKSHEET

Revision No. 0 Date December 4, 2006
 Technical Staff: Richard Latteri
 Technical Senior: Paul Richins

Project: Colusa Generating Station
 Docket: 06-AFC-9

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (1)	...provide a discussion of the existing site conditions, the expected direct, indirect and cumulative impacts due to the construction, operation and maintenance of the project, the measures proposed to mitigate adverse environmental impacts of the project, the effectiveness of the proposed measures, and any monitoring plans proposed to verify the effectiveness of the mitigation.	Sections 8.9.1 – 8.9.4	Yes	
Appendix B (g) (15) (A)	A map at a scale of 1:24,000 and written description of soil types and all agricultural land uses that will be affected by the proposed project. The description shall include:	—	—	
Appendix B (g) (15) (A) (i)	The depth, texture, permeability, drainage, erosion hazard rating, and land capability class of the soil; and	Table 8.9.1	Yes	
Appendix B (g) (15) (A) (ii)	An identification of other physical and chemical characteristics of the soil necessary to allow an evaluation of soil erodibility, permeability, re-vegetation potential, and cycling of pollutants in the soil-vegetation system.	Section 8.9.1.3 Figure 8.9.1 Table 8.9-1	Yes	
Appendix B (g) (15) (C)	An assessment of the effects of the proposed project on soil resources and agricultural land uses. This discussion shall include:	—	—	
Appendix B (g) (15) (C) (i)	The quantification of accelerated soil loss due to wind and water erosion;	Section 8.9.1.4	Yes	
Appendix B (g) (15) (C) (iii)	The effect of power plant emissions on surrounding soil-vegetation systems.	Section 8.2.2.4.4 Section 8.9.2.2	Yes	
Appendix B (h) (1) (A)	Tables which identify laws, regulations, ordinances, standards, adopted local, regional, state, and federal land use plans, and permits applicable to the proposed project, and a discussion of the applicability of each. The table or matrix shall explicitly reference pages in the application wherein conformance, with each law or standard during both construction and operation of the facility is discussed;	Section 8.9.5 Table 8.9-2	Yes	

Adequacy Issue: Adequate Inadequate

DATA ADEQUACY WORKSHEET

Revision No. 0 Date December 4, 2006

Technical Area: Soils

Project: Colusa Generating Station

Technical Staff: Richard Latteri

Project Manager: Jack W. Caswell

Docket: 06-AFC-9

Technical Senior: Paul Richins

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (h) (1) (B)	Tables which identify each agency with jurisdiction to issue applicable permits and approvals or to enforce identified laws, regulations, standards, and adopted local, regional, state and federal land use plans, and agencies which would have permit approval or enforcement authority, but for the exclusive authority of the commission to certify sites and related facilities.	Section 8.9.7	Yes	
Appendix B (h) (2)	A discussion of the conformity of the project with the requirements listed in subsection (h)(1)(A).	Section 8.9.5 Table 8.9-2	Yes	
Appendix B (h) (3)	The name, title, phone number, and address, if known, of an official within each agency who will serve as a contact person for the agency.	Section 8.9.6	Yes	
Appendix B (h) (4)	A schedule indicating when permits outside the authority of the commission will be obtained and the steps the applicant has taken or plans to take to obtain such permits.	Section 8.9.7	Yes	

Adequacy Issue: Adequate Inadequate

**DATA ADEQUACY WORKSHEET
(Six Month Expedited Process)**

Revision No. 0 Date December 4, 2006

Technical Area: Traffic and Transportation

Project: Colusa Generating Station

Technical Staff: David Flores

Project Manager: Jack W. Caswell

Docket: 06-AFC-9

Technical Senior: Dale Edwards

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
§2022(b)(1) (All)	Substantial evidence that the project as proposed in the application will comply with all standards, ordinances, and laws applicable at the time of certification including;			
§2022(b)(1)(A) (All)	A list of such standards, ordinances, and laws;	AFC pg. 8.10-8 & 9 Sec. 8.10.5 Table 8.10-12	Yes	
§2022(b)(1)(B) (All)	Information demonstrating that the project as proposed in the application will comply with all such standards, ordinances, and laws;	AFC pg. 8.10-8 & 9 Sec. 8.10.5	Yes	
§2022(b)(1)(C) (All)	Where a standard, ordinance, or law is expected to change between the time of filing an application and certification, information from the responsible jurisdiction documenting the impending change, the schedule for enactment of the change, and whether the proposed project will comply with the changed standard, ordinance, or law.; and	N/A	N/A	
§2022(b)(1)(D) (All)	A list of the requirements for permitting by each federal, state, regional, and local agency that has jurisdiction over the proposed project or that would have jurisdiction, but for the exclusive jurisdiction of the commission, and the information necessary to meet those requirements;	AFC pg. 8.10-9 & 10 Sec. 8.10.6 & 10	Yes	
§2022(b)(2)	Substantial evidence that the project as proposed in the application will not cause a significant adverse impact on the environment, including the following:			

Adequacy Issue: Adequate Inadequate

DATA ADEQUACY WORKSHEET

Revision No. 0 Date December 4, 2006

Technical Area: Traffic and Transportation

Project: Colusa Generating Station

Technical Staff: David Flores

Project Manager: Jack W. Caswell

Docket: 06-AFC-9

Technical Senior: Dale Edwards

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (1)	...provide a discussion of the existing site conditions, the expected direct, indirect and cumulative impacts due to the construction, operation and maintenance of the project, the measures proposed to mitigate adverse environmental impacts of the project, the effectiveness of the proposed measures, and any monitoring plans proposed to verify the effectiveness of the mitigation.	AFC pg. 8.10-1 Sec. 8.10.1.1 AFC pg. 8.10-4 Sec. 8.10.2.1 AFC pg. 8.10-8 Sec. 8.10.3 & 4	Yes	
Appendix B (g) (5) (A)	A regional transportation setting, on topographic maps (scale of 1:250,000), identifying the project location and major transportation facilities. Include a reference to the transportation element of any applicable local or regional plan.	Regional Transportation Facilities Map Figure 8.10-1	Yes	
Appendix B (g) (5) (B)	Identification on topographic maps at a scale of 1:24,000 and a description of, existing and planned roads, rail lines, including light rail, bike trails, airports, bus routes serving the project vicinity, pipelines, and canals in the project area affected by or serving the proposed facility. For each road identified, include the following information, where applicable:	Figure 8.10-2 AFC pg. 8.10-3 Sec. 8.10.1.1.4	Yes	
Appendix B (g) (5) (B) (i)	Road classification and design capacity;	AFC pg. 8.10-1 & 2 Sec. 8.10.1.1.1	Yes	
Appendix B (g) (5) (B) (ii)	Current daily average and peak traffic counts;	AFC pg. 8.10-1 Sec. 8.10.1.1.1 & 2 AFC pg. 8.10-11 Table 8.10-1	Yes	
Appendix B (g) (5) (B) (iii)	Current and projected levels of service before project development, during construction, and during project operation;	AFC pg. 8.10 -5 through 7 Sec. 8.10.2.2 AFC pg. 8.10-14 Table 8.10-7	Yes	

Adequacy Issue: Adequate Inadequate

DATA ADEQUACY WORKSHEET

Revision No. 0 Date December 4, 2006

Technical Area: Traffic and Transportation

Project: Colusa Generating Station

Technical Staff: David Flores

Project Manager: Jack W. Caswell

Docket: 06-AFC-9

Technical Senior: Dale Edwards

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (5) (B) (iv)	Weight and load limitations;	AFC pg. 8.10-1 Sec. 8.10.1.1.2	Yes	
Appendix B (g) (5) (B) (v)	Estimated percentage of current traffic flows for passenger vehicles and trucks; and	AFC pg. 8.10-1 & 2 Sec. 8.10.1.1.2 AFC pg. 8.10-5 Sec. 8.10.2.2	Yes	
Appendix B (g) (5) (B) (vi)	An identification of any road features affecting public safety.	AFC pg. 8.10-3 & 4 Sec. 8.10.1.1.4 AFC pg.8.10-5 & 6 Sec. 8.10.2.2	Yes	
Appendix B (g) (5) (C)	A description of any new, planned, or programmed transportation facilities in the project vicinity, including those necessary for construction and operation of the proposed project. Specify the location of such facilities on topographic maps at a scale of 1:24,000.	AFC pg. 8.10-3 & 4 Sec. 8.10.1.2 & 8.10.1.3 Figure 8.10-2	Yes	
Appendix B (g) (5) (D)	An assessment of the construction and operation impacts of the proposed project on the transportation facilities identified. Include anticipated project-specific traffic, estimated changes to daily average and peak traffic counts, levels of service, and traffic/truck mix, and the impact of construction of any facilities identified in subsection (g)(5)(C).	AFC pg. 8.10-5 through 7 Sec. 8.10.2.2 AFC pg. 8.10-14 Table 8.10-8	Yes	
Appendix B (g) (5) (E)	A discussion of project-related hazardous materials to be transported to or from the project during construction and operation of the project, including the types, estimated quantities, estimated number of trips, anticipated routes, means of transportation, and any transportation hazards associated with such transport.	AFC pg. 8.10-8 Sec. 8.10.2.4	Yes	

Adequacy Issue: Adequate Inadequate
 Technical Area: Traffic and Transportation
 Project Manager: Jack W. Caswell

DATA ADEQUACY WORKSHEET

Revision No. 0 Date December 4, 2006
 Technical Staff: David Flores
 Technical Senior: Dale Edwards

Project: Colusa Generating Station
 Docket: 06-AFC-9

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (h) (1) (A)	Tables which identify laws, regulations, ordinances, standards, adopted local, regional, state, and federal land use plans, and permits applicable to the proposed project, and a discussion of the applicability of each. The table or matrix shall explicitly reference pages in the application wherein conformance, with each law or standard during both construction and operation of the facility is discussed;	AFC pg. 8.10-8 & 9 Sec. 8.10.5 Table 8.10-12	Yes	
Appendix B (h) (1) (B)	Tables which identify each agency with jurisdiction to issue applicable permits and approvals or to enforce identified laws, regulations, standards, and adopted local, regional, state and federal land use plans, and agencies which would have permit approval or enforcement authority, but for the exclusive authority of the commission to certify sites and related facilities.	AFC pg. 8.10-9 & 10 Sec. 8.10.6 & 10	Yes	
Appendix B (h) (2)	A discussion of the conformity of the project with the requirements listed in subsection (h)(1)(A).	AFC pg. 8.10-8 & 9 Sec. 8.10.5	Yes	
Appendix B (h) (3)	The name, title, phone number, and address, if known, of an official within each agency who will serve as a contact person for the agency.	AFC pg. 8.10-9 Sec. 8.10.6	Yes	
Appendix B (h) (4)	A schedule indicating when permits outside the authority of the commission will be obtained and the steps the applicant has taken or plans to take to obtain such permits.	AFC pg. 8.10-10 Sec. 8.10.7	Yes	

Adequacy Issue: Adequate Inadequate

**DATA ADEQUACY WORKSHEET
(Six Month Expedited Process)**

Revision No. 0 Date December 4, 2006

Technical Area: **T-Line Safety and Nuisance**

Project: Colusa Generating Station

Technical Staff: Obed Odoemelam

Project Manager: Jack W. Caswell

Docket: 06-AFC-9

Technical Senior: Matthew Layton

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
§2022(b)(1) (All)	Substantial evidence that the project as proposed in the application will comply with all standards, ordinances, and laws applicable at the time of certification including;			
§2022(b)(1)(A) (All)	A list of such standards, ordinances, and laws;			
§2022(b)(1)(B) (All)	Information demonstrating that the project as proposed in the application will comply with all such standards, ordinances, and laws;	Section 5.0, pages 5-1 through 5-3	Yes	
§2022(b)(1)(C) (All)	Where a standard, ordinance, or law is expected to change between the time of filing an application and certification, information from the responsible jurisdiction documenting the impending change, the schedule for enactment of the change, and whether the proposed project will comply with the changed standard, ordinance, or law.; and	Not applicable		
§2022(b)(1)(D) (All)	A list of the requirements for permitting by each federal, state, regional, and local agency that has jurisdiction over the proposed project or that would have jurisdiction, but for the exclusive jurisdiction of the commission, and the information necessary to meet those requirements.	Section 5.0, pages 5-2 and 5-3	Yes	

Adequacy Issue: Adequate Inadequate
 Technical Area: T-Line Safety and Nuisance
 Project Manager: Jack W. Caswell

DATA ADEQUACY WORKSHEET

Revision No. 0 Date December 4, 2006
 Technical Staff: Obed Odoemelam
 Technical Senior: Matthew Layton

Project: Colusa Generating Station
 Docket: 06-AFC-9

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (1)	...provide a discussion of the existing site conditions, the expected direct, indirect and cumulative impacts due to the construction, operation and maintenance of the project, the measures proposed to mitigate adverse environmental impacts of the project, the effectiveness of the proposed measures, and any monitoring plans proposed to verify the effectiveness of the mitigation.	Chapter 5.0, pages 5-2 and 5-3	Yes	
Appendix B (g) (18) (A)	The locations and a description of the existing switchyards and overhead and underground transmission lines that would be affected by the proposed project.	Chapter 5.0, page 5.1	Yes	
Appendix B (g) (18) (B)	An estimate of the existing electric and magnetic fields from the facilities listed in (A) above and the future electric and magnetic fields that would be created by the proposed project, calculated at the property boundary of the site and at the edge of the rights of way for any transmission line. Also provide an estimate of the radio and television interference that could result from the project.	Chapter 5.0, page 5-8	Yes	
Appendix B (g) (18) (C)	Specific measures proposed to mitigate identified impacts, including a description of measures proposed to eliminate or reduce radio and television interference, and all measures taken to reduce electric and magnetic field levels.	Chapter 5.0, page 5-2	Yes	

Adequacy Issue: Adequate Inadequate
 Technical Area: T-Line Safety and Nuisance
 Project Manager: Jack W. Caswell

DATA ADEQUACY WORKSHEET

Revision No. 0 Date December 4, 2006
 Technical Staff: Obed Odoemelam
 Technical Senior: Matthew Layton

Project: Colusa Generating Station
 Docket: 06-AFC-9

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (h) (1) (A)	Tables which identify laws, regulations, ordinances, standards, adopted local, regional, state, and federal land use plans, and permits applicable to the proposed project, and a discussion of the applicability of each. The table or matrix shall explicitly reference pages in the application wherein conformance, with each law or standard during both construction and operation of the facility is discussed;	Chapter 3.0, pages 3-31, 3-32, and Appendix D.	Yes	
Appendix B (h) (1) (B)	Tables which identify each agency with jurisdiction to issue applicable permits and approvals or to enforce identified laws, regulations, standards, and adopted local, regional, state and federal land use plans, and agencies which would have permit approval or enforcement authority, but for the exclusive authority of the commission to certify sites and related facilities.	Chapter 3.0, pages 3-31 and 3-32.	Yes	
Appendix B (h) (2)	A discussion of the conformity of the project with the requirements listed in subsection (h)(1)(A).	Chapter 5.0, pages 5-2 and 5-3	Yes	
Appendix B (h) (3)	The name, title, phone number, and address, if known, of an official within each agency who will serve as a contact person for the agency.	Chapter 3, page 3-33.	Yes	
Appendix B (h) (4)	A schedule indicating when permits outside the authority of the commission will be obtained and the steps the applicant has taken or plans to take to obtain such permits.	Chapter 3, page 3-33	Yes	

Adequacy Issue: Adequate _____ Inadequate X

**DATA ADEQUACY WORKSHEET
(Six Month Expedited Process)**

Revision No. 0 Date December 4, 2006

Technical Area: Transmission System Eng.

Project: Colusa Generating station

Technical Staff: Ajoy Guha, P. E., Sudath Arachchige

Project Manager: Jack W. Caswell

Docket: 06-AFC-9

Technical Senior: Mark Hesters

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
§2022(b)(1) (All)	Substantial evidence that the project as proposed in the application will comply with all standards, ordinances, and laws applicable at the time of certification including;			
§2022(b)(1)(A) (All)	A list of such standards, ordinances, and laws;	Section 3.10.4, Page 3-32. Appendix E.	Yes	
§2022(b)(1)(B) (All)	Information demonstrating that the project as proposed in the application will comply with all such standards, ordinances, and laws;	Section 5.5, Pages 5-3 to 5-6. Transmission Interconnection System Impact Study. Appendix F	Yes	
§2022(b)(1)(C) (All)	Where a standard, ordinance, or law is expected to change between the time of filing an application and certification, information from the responsible jurisdiction documenting the impending change, the schedule for enactment of the change, and whether the proposed project will comply with the changed standard, ordinance, or law.; and		N/A	
§2022(b)(1)(D) (All)	A list of the requirements for permitting by each federal, state, regional, and local agency that has jurisdiction over the proposed project or that would have jurisdiction, but for the exclusive jurisdiction of the commission, and the information necessary to meet those requirements;	Section 3.11, Pages 3-32 to 3-34	Yes	
§2022(b)(3) (TSE)	Substantial evidence that the project will not cause a significant adverse impact on the electrical system, including all of the following:			

Adequacy Issue: Adequate _____ Inadequate X

**DATA ADEQUACY WORKSHEET
(Six Month Expedited Process)**

Revision No. 0 Date December 4, 2006

Technical Area: Transmission System Eng.

Project: Colusa Generating station

Technical Staff: Ajoy Guha, P. E., Sudath Arachchige

Project Manager: Jack W. Caswell

Docket: 06-AFC-9

Technical Senior: Mark Hesters

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
§2022(b)(3)(A) (TSE)	An interconnection study identifying the electrical system impacts and a discussion of the mitigation measures considered and those proposed to maintain conformance with NERC, WSCC, Cal-ISO or other applicable reliability or planning criteria based on load flow, post transient, transient, and fault current studies performed by or for the transmission owner in accordance with all applicable Cal-ISO or other interconnection authority's tariffs, operating agreements, and scheduling protocols and	Section 5.5, Pages 5-3 to 5-6. Transmission Interconnection System Impact Study, Section 3 & 4, Pages 5-7. Appendix F	No	In respect of the submitted System impact Study (SIS) dated September 19, 2005, provide the following information: <ol style="list-style-type: none"> 1. List all major study assumptions in the base cases performed with 2010 summer peak, summer off-peak and spring off-peak system conditions including imports and exports to the system, major Path flows (such as Path 15 & 26, COI, EOR, SCIT etc.), major generations in the system including hydro, loads in the area systems 2. Provide Power flow diagrams with and without the CGS for N-2 contingencies under 2010 summer peak & spring off-peak system conditions where overloads on the transmission facilities have been identified in the study. 3. For selected downstream mitigation measures comprising of new or modified (such as reconductoring a line) transmission facilities, forward reports or letters from respective transmission owners including PG&E, WAPA, SMUD and City of Roseville showing that the mitigation measures selected in their system will effectively offset overload violations and be implemented timely before the on-line date of the CGC project. 4. Inform when the CA ISO preliminary and final approvals are expected to be obtained. 5. Provide electronic copies of *.sav and *.drw, *.dyd and *.swt GE PSLF files and EPCL contingency files in a CD (if available).

Adequacy Issue: Adequate _____ Inadequate X

**DATA ADEQUACY WORKSHEET
(Six Month Expedited Process)**

Revision No. 0 Date December 4, 2006

Technical Area: Transmission System Eng.

Project: Colusa Generating station

Technical Staff: Ajoy Guha, P. E., Sudath Arachchige

Project Manager: Jack W. Caswell

Docket: 06-AFC-9

Technical Senior: Mark Hesters

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
§2022(b)(2)(B) (TSE/FD)	A full description of the facilities, if any, that are required for interconnection, including all such facilities beyond the point where the outlet line joins with the interconnected system and a full description of the environmental setting, environmental impacts, and any recommended mitigation measures proposed by the applicant for any required facilities beyond the point where the outlet joints with the interconnected system;	<p>Section 3.4.4, Page 3-6. Figures 3.4-6, 3.4-7 & 3.4-8</p> <p>Section 5.2, Pages 5-1 to 5-3.</p> <p>Section 5.5, Pages 5-3 to 5-6.</p> <p>System Impact study, Section 12, Pages 21-25</p>	No	<p>Provide a complete electrical one-line diagram (or resubmit Figures 3.4-6 and 3.4-8) of Colusa Generating Station (CGS) switchyard showing all equipment for generators' interconnection with the switchyard including any bus duct connectors or cables, 18 kV switchgear & breakers on the low side, generator step-up transformers, short overhead line or conductors with its configuration, buses, breakers, disconnect switches on the 230 kV side and their respective ratings.</p> <p>The SIS shows that the following mitigation measures are selected to eliminate identified overloads on some transmission lines:</p> <ol style="list-style-type: none"> 1. Reconductoring the Palermo-Bogue and Palermo-East Nicolaus 115 kV lines (PG&E Project # T686) 2. Reconductoring the Shasta-Flanagen-Keswick 8.75 -mile 230 kV line by WAPA. 3. Building a new 26-mile O'Banion-Elevrta and Natomas double circuit 230 kV line jointly by WAPA, SMUD and the City of Roseville. 4. Expanding WAPA's Folsom 230 kV substation and looping in SMUD's existing Orangeville-Lake 230 kV line via two short lines. <p>For each Project stated above, provide a full description with one line diagrams showing pre-project and post-project downstream facilities. For their environmental settings and impacts, provide routes and general environmental analysis and any recommended mitigation measures.</p>

Adequacy Issue: Adequate _____ Inadequate X

DATA ADEQUACY WORKSHEET

Revision No. 0 Date December 4, 2006

Technical Area: **Transmission System Eng.**

Project: Colusa Generating Station

Technical Staff: Ajoy Guha, P.E., Sudath Arachchige

Project Manager: Jack W. Caswell

Docket: 06-AFC-9

Technical Senior: Mark Hesters

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (i) (2) (A)	A discussion of the need for the additional electric transmission lines, substations, or other equipment, the basis for selecting principal points of junction with the existing electric transmission system, and the capacity and voltage levels of the proposed lines, along with the basis for selection of the capacity and voltage levels.	Section 5.1, Page 5-1. Section 5.2, Pages 5-1 to 5-3. Section 3.4.4, Page 3-6.	Yes	
Appendix B (i) (2) (B)	A discussion of the extent to which the proposed electric transmission facilities have been designed, planned, and routed to meet the transmission requirements created by additional generating facilities planned by the applicant or any other entity.	Section 3.4.4, Page 3-6. Figures 3.4-6, 3.4-7 & 3.4-8 Section 5.2, Pages 5-1 to 5-3. Section 9, Pages 9-9 and 9-10	Yes	

Adequacy Issue: Adequate _____ Inadequate X
 Technical Area: Transmission System Eng.
 Project Manager: Jack W. Caswell

DATA ADEQUACY WORKSHEET

Project: Colusa Generating Station

Docket: 06-AFC-9

Revision No. 0 Date December 4, 2006

Technical Staff: Ajoy Guha, P.E., Sudath Arachchige

Technical Senior: Mark Hesters

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (b) (2) (C)	A detailed description of the design, construction, and operation of any electric transmission facilities, such as power lines, substations, switchyards, or other transmission equipment, which will be constructed or modified to transmit electrical power from the proposed power plant to the load centers to be served by the facility. Such description shall include the width of rights of way and the physical and electrical characteristics of electrical transmission facilities such as towers, conductors, and insulators. This description shall include power load flow diagrams which demonstrate conformance or nonconformance with utility reliability and planning criteria at the time the facility is expected to be placed in operation and five years thereafter; and	Section 5.5, Pages 5-3 to 5-6. Transmission Interconnection System Impact Study, Section 3 & 4, Pages 5-7. Appendix F	No	<p>In respect of the submitted System impact Study (SIS) dated September 19, 2005, provide the following information:</p> <ol style="list-style-type: none"> List all major study assumptions in the base cases performed with 2010 summer peak, summer off-peak and spring off-peak system conditions including imports and exports to the system, major Path flows (such as Path 15 & 26, COI, EOR, SCIT etc.), major generations in the system including hydro, loads in the area systems For identified N-2 overloads, provide power flow diagrams with and without the CGS for N-2 contingencies under 2010 summer peak & spring off-peak system conditions. <p>The SIS identifies the following mitigation measures for identified overloads on some transmission lines:</p> <ol style="list-style-type: none"> Reconductoring the Palermo-Bogue and Palermo-East Nicolaus 115 kV lines (PG&E Project # T686) Reconductoring the Shasta-Flanagen-Keswick 8.75 -mile 230 kV line by WAPA. Building a new 26-mile O'Banion-Elevrta and Natomas double circuit 230 kV line jointly by WAPA, SMUD and the City of Roseville. Expanding WAPA's Folsom 230 kV substation and looping in SMUD's existing Orangeville-Lake 230 kV line via two short lines. <p>For each Project stated above, provide a full description with one line diagrams showing pre-project and post-project facilities. For their environmental settings and impacts, provide routes and environmental analysis and any recommended mitigation measures.</p>

Adequacy Issue: Adequate _____ Inadequate X

DATA ADEQUACY WORKSHEET

Revision No. 0 Date December 4, 2006

Technical Area: **Transmission System Eng.**

Project: Colusa Generating Station

Technical Staff: Ajoy Guha, P.E., Sudath Arachchige

Project Manager: Jack W. Caswell

Docket: 06-AFC-9

Technical Senior: Mark Hesters

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (b) (2) (D)	A description of how the route and additional transmission facilities were selected, and the consideration given to engineering constraints, environmental impacts, resource conveyance constraints, and electric transmission constraints.	Section 5.5, Pages 5-3 to 5-6. System Impact study, Section 12, Pages 21-25. Section 9, pages 9-9 and 9-10.	Yes	
Appendix B (h) (1) (A)	Tables which identify laws, regulations, ordinances, standards, adopted local, regional, state, and federal land use plans, and permits applicable to the proposed project, and a discussion of the applicability of each. The table or matrix shall explicitly reference pages in the application wherein conformance, with each law or standard during both construction and operation of the facility is discussed;	Section 3.10.4, Page 3-32. Appendix E.	Yes	
Appendix B (h) (1) (B)	Tables which identify each agency with jurisdiction to issue applicable permits and approvals or to enforce identified laws, regulations, standards, and adopted local, regional, state and federal land use plans, and agencies which would have permit approval or enforcement authority, but for the exclusive authority of the commission to certify sites and related facilities.	Section 3.11, Pages 3-32 to 3-34.	Yes	
Appendix B (h) (2)	A discussion of the conformity of the project with the requirements listed in subsection (h)(1)(A).	Section 3.10.4, Page 3-32. Appendix E.	Yes	
Appendix B (h) (3)	The name, title, phone number, and address, if known, of an official within each agency who will serve as a contact person for the agency.	Section 3.11, Pages 3-32 to 3-34.	Yes	

Adequacy Issue: Adequate _____ Inadequate X

DATA ADEQUACY WORKSHEET

Revision No. 0 Date December 4, 2006

Technical Area: **Transmission System Eng.**

Project: Colusa Generating Station

Technical Staff: Ajoy Guha, P.E., Sudath Arachchige

Project Manager: Jack W. Caswell

Docket: 06-AFC-9

Technical Senior: Mark Hesters

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (h) (4)	A schedule indicating when permits outside the authority of the commission will be obtained and the steps the applicant has taken or plans to take to obtain such permits.	Section 3.11, Pages 3-32 to 3-34.	No	Information when the CA ISO System Impact Study preliminary and final concurrence letters are expected to be obtained.

Adequacy Issue: Adequate Inadequate

**DATA ADEQUACY WORKSHEET
(Six Month Expedited Process)**

Revision No. 0 Date December 4, 2006

Technical Area: Visual Resources

Project: Colusa Generating Station

Technical Staff: James Adams

Project Manager: Jack W. Caswell

Docket: 06-AFC-9

Technical Senior: Dale Edwards

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
§2022(b)(1) (All)	Substantial evidence that the project as proposed in the application will comply with all standards, ordinances, and laws applicable at the time of certification including;			
§2022(b)(1)(A) (All)	A list of such standards, ordinances, and laws;			
§2022(b)(1)(B) (All)	Information demonstrating that the project as proposed in the application will comply with all such standards, ordinances, and laws;	Pg. 8.11-13 Section 8.11.5	Yes	
§2022(b)(1)(C) (All)	Where a standard, ordinance, or law is expected to change between the time of filing an application and certification, information from the responsible jurisdiction documenting the impending change, the schedule for enactment of the change, and whether the proposed project will comply with the changed standard, ordinance, or law.; and		N/A	
§2022(b)(1)(D) (All)	A list of the requirements for permitting by each federal, state, regional, and local agency that has jurisdiction over the proposed project or that would have jurisdiction, but for the exclusive jurisdiction of the commission, and the information necessary to meet those requirements;	Pg. 8.11-14 Section 8.11.7	Yes	
§2022(b)(2)	Substantial evidence that the project as proposed in the application will not cause a significant adverse impact on the environment, including the following:			

Adequacy Issue: Adequate Inadequate

DATA ADEQUACY WORKSHEET

Revision No. 0 Date December 4, 2006

Technical Area: Visual Resources

Project: Colusa Generating Station

Technical Staff: James Adams

Project Manager: Jack W. Caswell

Docket: 06-AFC-9

Technical Senior: Dale Edwards

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (1)	...provide a discussion of the existing site conditions, the expected direct, indirect and cumulative impacts due to the construction, operation and maintenance of the project, the measures proposed to mitigate adverse environmental impacts of the project, the effectiveness of the proposed measures, and any monitoring plans proposed to verify the effectiveness of the mitigation.	PP. 8.11-1 through 11-20 Section 8.11 Tables 8.11-1 through 11-5 Figures 8.11-1 through 11-11	Yes	
Appendix B (g) (6) (A)	Descriptions of the existing visual setting of the vicinity of the project, the region that can be seen from the vicinity of the project, and the proposed project site. Include:	PP. 8.11-1 through 11-4 Section 8.11.1.4.1 & 4.2	Yes	
Appendix B (g) (6) (A) (i)	Topographic maps at a scale of 1:24,000 of the areas from which the project may be seen, identification of the view areas most sensitive to the potential visual impacts of the project, and the locations where photographs were taken for (g)(6)(E);	Figure 8.11-1	Yes	
Appendix B (g) (6) (A) (ii)	Elevations of any existing structures on the site; and		N/A	
Appendix B (g) (6) (A) (iii)	The visual properties of the topography, vegetation, and any modifications to the landscape as a result of human activities.	PP. 8.11-1 through 11-4 Section 8.11.1.4.1 & 4.2	Yes	
Appendix B (g) (6) (B)	An assessment of the visual quality of those areas that will be impacted by the proposed project.	PP. 8.11-3 through 11-5 Section 8.11.1.4.1 & 4.2	Yes	

Adequacy Issue: Adequate Inadequate
 Technical Area: Visual Resources
 Project Manager: Jack W. Caswell

DATA ADEQUACY WORKSHEET

Revision No. 0 Date December 4, 2006
 Technical Staff: James Adams
 Technical Senior: Dale Edwards

Project: Colusa Generating Station
 Docket: 06-AFC-9

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (6) (C)	After discussions with staff and community residents who live in close proximity to the proposed project, identify the scenic corridors and any visually sensitive areas potentially affected by the proposed project, including recreational and residential areas. Indicate the approximate number of people using each of these sensitive areas and the estimated number of residences with views of the project. For purposes of this section, a scenic corridor is that area of land with scenic natural beauty, adjacent to and visible from a linear feature, such as a road, or river.	PP. 8.11-4 & 5, 11-9 through 11-11 Sections 8.11.1.4.2 & 8.11.2.3.1	Yes	
Appendix B (g) (6) (D)	A description of the dimensions, color, and material of each major visible component of the project.	PP. 3-44, 8.11-8 & 11-9 Table 3.5-1 Sections 3.0, 8.11.2.4	Yes	
Appendix B (g) (6) (E)	Full-page color photographic reproductions of the existing site, and full-page color simulations of the proposed project in the existing setting from each location representative of the view areas most sensitive to the potential visual impacts of the project.	Figures 8.11-2 through 11-11	Yes	
Appendix B (g) (6) (F)	An assessment of the visual impacts of the project, including light and glare, and visible plumes.	PP. 8.11-9 through 11-12 Sections 8.11.2.3 through 2.4.3	Yes	

Adequacy Issue: Adequate Inadequate
 Technical Area: Visual Resources
 Project Manager: Jack W. Caswell

DATA ADEQUACY WORKSHEET

Revision No. 0 Date December 4, 2006
 Technical Staff: James Adams
 Technical Senior: Dale Edwards

Project: Colusa Generating Station
 Docket: 06-AFC-9

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (h) (1) (A)	Tables which identify laws, regulations, ordinances, standards, adopted local, regional, state, and federal land use plans, and permits applicable to the proposed project, and a discussion of the applicability of each. The table or matrix shall explicitly reference pages in the application wherein conformance, with each law or standard during both construction and operation of the facility is discussed;	PP. 8.11-17 through 11-20 Table 8.11-5	Yes	
Appendix B (h) (1) (B)	Tables which identify each agency with jurisdiction to issue applicable permits and approvals or to enforce identified laws, regulations, standards, and adopted local, regional, state and federal land use plans, and agencies which would have permit approval or enforcement authority, but for the exclusive authority of the commission to certify sites and related facilities.	Pg. 8.11-14 Section 8.11'-6	Yes	
Appendix B (h) (2)	A discussion of the conformity of the project with the requirements listed in subsection (h)(1)(A).	Pg. 8.11-13 Section 8.11.5	Yes	
Appendix B (h) (3)	The name, title, phone number, and address, if known, of an official within each agency who will serve as a contact person for the agency.	Pg. 8.11-14 Section 8.11.6	Yes	
Appendix B (h) (4)	A schedule indicating when permits outside the authority of the commission will be obtained and the steps the applicant has taken or plans to take to obtain such permits.	Pg. 8.11-14	Yes	

Adequacy Issue: Adequate Inadequate

**DATA ADEQUACY WORKSHEET
(Six Month Expedited Process)**

Revision No. 0 Date December 4, 2006

Technical Area: Waste Management
Project Manager: Jack W. Caswell

Project: Colusa Generating Station
Docket: 06-AFC-9

Technical Staff: Ellie Townsend Hough
Technical Senior: Paul Richins

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
§2022(b)(1) (All)	Substantial evidence that the project as proposed in the application will comply with all standards, ordinances, and laws applicable at the time of certification including;			
§2022(b)(1)(A) (All)	A list of such standards, ordinances, and laws;	Page 8.13-9 – 8.13-10 Section 8.13.5.1 Page 8.13-19 – 8.13-20 Table 8.13--5	Yes	
§2022(b)(1)(B) (All)	Information demonstrating that the project as proposed in the application will comply with all such standards, ordinances, and laws;	Page 8.13-19 – 8.13-20 Table 8.13--5	Yes	
§2022(b)(1)(C) (All)	Where a standard, ordinance, or law is expected to change between the time of filing an application and certification, information from the responsible jurisdiction documenting the impending change, the schedule for enactment of the change, and whether the proposed project will comply with the changed standard, ordinance, or law.; and	Not Applicable		
§2022(b)(1)(D) (All)	A list of the requirements for permitting by each federal, state, regional, and local agency that has jurisdiction over the proposed project or that would have jurisdiction, but for the exclusive jurisdiction of the commission, and the information necessary to meet those requirements;	Page 8.13-9 – 8.13-10 Section 8.13.5.1 Page 8.13-19 – 8.13-20 Table 8.13--5	Yes	
§2022(b)(2)	Substantial evidence that the project as proposed in the application will not cause a significant adverse impact on the environment, including the following:			

Adequacy Issue: Adequate Inadequate
 Technical Area: Waste Management
 Project Manager: Jack W. Caswell

DATA ADEQUACY WORKSHEET

Revision No. 0 Date December 4, 2006
 Technical Staff: Ellie Townsend-Hough
 Technical Senior: Paul Richins

Project: Colusa Generating Station
 Docket: 06-AFC-9

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (b) (1) (C)	A detailed description of the design, construction and operation of the facilities, specifically including the power generation, cooling, water supply and treatment, waste handling and control, pollution control, fuel handling, and safety, emergency and auxiliary systems, and fuel types and fuel use scenarios; and	Pages 3-1 through 3-57 Section 3	Yes	
Appendix B (e) (1)	A discussion of how facility closure will be accomplished in the event of premature or unexpected cessation of operations.	Page 8.13-9 Sections 8.13.4.4 & 8.13.4.5 Section 4.0	Yes	
Appendix B (g) (1)	...provide a discussion of the existing site conditions, the expected direct, indirect and cumulative impacts due to the construction, operation and maintenance of the project, the measures proposed to mitigate adverse environmental impacts of the project, the effectiveness of the proposed measures, and any monitoring plans proposed to verify the effectiveness of the mitigation.	Pages 8.13-1 through 8.13-9 Sections 8.13.1 through 18.13.4.3 Appendix N	Yes	
Appendix B (g) (12) (A)	A Phase I Environmental Site Assessment for the proposed power plant site using methods prescribed by the American Society for Testing and Materials (ASTM) document entitled "Standard Practice for Environmental Site Assessments: Phase 1 Environmental Site Assessment Process" (Designation: E 1527-93, May 1993), which is incorporated by reference in its entirety; or an equivalent method agreed upon by the applicant and the CEC Staff that provides similar documentation of the potential level and extent of site contamination.	Appendix N	Yes	

Adequacy Issue: Adequate Inadequate
 Technical Area: Waste Management
 Project Manager: Jack W. Caswell

DATA ADEQUACY WORKSHEET

Revision No. 0 Date December 4, 2006
 Technical Staff: Ellie Townsend-Hough
 Technical Senior: Paul Richins

Project: Colusa Generating Station
 Docket: 06-AFC-9

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (12) (B)	A description of each waste stream estimated to be generated during project construction and operation, including origin, hazardous or nonhazardous classification pursuant to Title 22, California Code of Regulations, § 66261.20 et seq., chemical composition, estimated annual weight or volume generated, and estimated frequency of generation.	Pages 8.13-13 & 8.13-14 Table 8.13-1 Page 8.13-15 Table 8.13-2 Page 8.13-16 Table 8.13-3 Page 8.13-17 Table 8.13-4	Yes	
Appendix B (g) (12) (C)	A description of all waste disposal sites which may feasibly be used for disposal of project wastes. For each site, include the name, location, classification under Title 23, California Code of Regulations, § 2530 et seq., the daily or annual permitted capacity, daily or annual amounts of waste currently being accepted, the estimated closure date and remaining capacity, and a description of any enforcement action taken by local or state agencies due to waste disposal activities at the site.	Pages 8.13-6 to Page 8.13-7 Section 8.13.2.2	Yes	
Appendix B (g) (12) (D)	A description of management methods for each waste stream, including methods used to minimize waste generation, length of on- and off-site waste storage, re-use and recycling opportunities, waste treatment methods used, and use of contractors for treatment.	Pages 8.13-13 & 8.13-14 Table 8.13-1 Page 8.13-15 Table 8.13-2 Page 8.13-16 Table 8.13-3 Page 8.13-17 Table 8.13-4	Yes	
Appendix B (h) (1) (A)	Tables which identify laws, regulations, ordinances, standards, adopted local, regional, state, and federal land use plans, and permits applicable to the proposed project, and a discussion of the applicability of each. The table or matrix shall explicitly reference pages in the application wherein conformance, with each law or standard during both construction and operation of the facility is discussed;	Pages 8.13-19 to 8.13-20 Table 8.13-5	Yes	

Adequacy Issue: Adequate Inadequate

DATA ADEQUACY WORKSHEET

Revision No. 0 Date December 4, 2006

Technical Area: **Waste Management**

Project: Colusa Generating Station

Technical Staff: Ellie Townsend-Hough

Project Manager: Jack W. Caswell

Docket: 06-AFC-9

Technical Senior: Paul Richins

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (h) (1) (B)	Tables which identify each agency with jurisdiction to issue applicable permits and approvals or to enforce identified laws, regulations, standards, and adopted local, regional, state and federal land use plans, and agencies which would have permit approval or enforcement authority, but for the exclusive authority of the commission to certify sites and related facilities.	Page 8.13-10 – 8.13-11 Section 8.13.6 Pages 8.13-19 to 8.13-20 Table 8.13-5	Yes	
Appendix B (h) (2)	A discussion of the conformity of the project with the requirements listed in subsection (h)(1)(A).	Pages 8.13-9 – 8.13-10 Section 8.13.5 Pages 8.13-19 to 8.13-20 Table 8.13-5	Yes	
Appendix B (h) (3)	The name, title, phone number, and address, if known, of an official within each agency who will serve as a contact person for the agency.	Page 8.13-10 – 8.13-11 Section 8.13.6 Pages 8.13-19 to 8.13-20 Table 8.13-5	Yes	
Appendix B (h) (4)	A schedule indicating when permits outside the authority of the commission will be obtained and the steps the applicant has taken or plans to take to obtain such permits.	Page 8.13-11 Section 8.13-7	Yes	
Appendix B. (i) (1) (B)	A discussion of any measures proposed to improve adverse site conditions.	Page 8.13-7 Section 8.13.4	Yes	
Appendix B (i) (1) (D) (v)	The waste disposal system and on-site disposal sites;	Page 8.13-1 to 8.13-7 Section 8.13.2	Yes	

Adequacy Issue:

Adequate _____ Inadequate X

**DATA ADEQUACY WORKSHEET
(Six Month Expedited Process)**

Revision No. 0 Date December 4, 2006

Technical Area: Water Resources
Project Manager: Jack W. Caswell

Project: Colusa Generating Station
Docket: 06-AFC-9

Technical Staff: Richard Latteri
Technical Senior: Paul Richins

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
§2022(b)(1) (All)	Substantial evidence that the project as proposed in the application will comply with all standards, ordinances, and laws applicable at the time of certification including;			
§2022(b)(1)(A) (All)	A list of such standards, ordinances, and laws;	Section 8.14.6 Tables 8.14-15 & -16	Yes	
§2022(b)(1)(B) (All)	Information demonstrating that the project as proposed in the application will comply with all such standards, ordinances, and laws;	Section 8.14.6 Tables 8.14-15 & -16	No	See Section 2022(b)(2)(E) below.
§2022(b)(1)(C) (All)	Where a standard, ordinance, or law is expected to change between the time of filing an application and certification, information from the responsible jurisdiction documenting the impending change, the schedule for enactment of the change, and whether the proposed project will comply with the changed standard, ordinance, or law.; and		N/A	
§2022(b)(1)(D) (All)	A list of the requirements for permitting by each federal, state, regional, and local agency that has jurisdiction over the proposed project or that would have jurisdiction, but for the exclusive jurisdiction of the commission, and the information necessary to meet those requirements;	Section 8.14 -8	Yes	
§2022(b)(2)	Substantial evidence that the project as proposed in the application will not cause a significant adverse impact on the environment, including the following:			

Adequacy Issue:

Adequate _____ Inadequate X

**DATA ADEQUACY WORKSHEET
(Six Month Expedited Process)**

Revision No. 0 Date December 4, 2006

Technical Area: **Water Resources**
Project Manager: Jack W. Caswell

Project: Colusa Generating Station
Docket: 06-AFC-9

Technical Staff: Richard Latteri
Technical Senior: Paul Richins

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
§2022(b)(2)(E) (Water)	If the project will result in a discharge of waste that could affect the water quality of the state, a complete report of proposed waste discharge as required by section 13260 of the Water Code. This will allow for issuance of waste discharge requirements by the appropriate regional water quality control board within 100 days after filing the application in accordance with Public Resources Code section 25550(d);	Section 8.14.6.2	No	As described in Section 8.14.6.2, the California Water Code Section 13260 requires a Report of Waste Discharge for the proposed septic system. No Report of Waste Discharge was submitted with the AFC.
§2022(b)(4) (Any area that addresses disproportionate impacts; environmental justice)	A discussion of the potential for disproportionate impacts from the project on minority or low-income people; such discussion shall include, but not be limited to, all of the following:			
§2022(b)(5)	The following information to demonstrate that the project, if certified, is likely to be constructed and operated;			
§2022(b)(5)(B) (Water)	A will-serve letter or similar document from each provider of water to the project, indicating each provider's willingness to provide water to the project and describing all conditions under which the water will be provided, and a discussion of all other contractual agreements with the applicant pertaining to the provision of water to the project.	Figure 7.1-1	Yes	

Adequacy Issue: Adequate Inadequate

DATA ADEQUACY WORKSHEET

Revision No. 0 Date December 4, 2006

Technical Area: Water Resources

Project: Colusa Generating Station

Technical Staff: Richard Latteri

Project Manager: Jack W. Caswell

Docket: 06-AFC-9

Technical Senior: Paul Richins

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (1)	...provide a discussion of the existing site conditions, the expected direct, indirect and cumulative impacts due to the construction, operation and maintenance of the project, the measures proposed to mitigate adverse environmental impacts of the project, the effectiveness of the proposed measures, and any monitoring plans proposed to verify the effectiveness of the mitigation.	Sections 8.14.1 – 8.14.8	Yes	
Appendix B (g) (14) (A)	All information required by the Regional Water Quality Control Board in the region where the project will be located to apply for:	—	—	
Appendix B (g) (14) (A) (i)	Waste Discharge Requirements; and	Section 8.14.1.5 Table 8.14-16	Yes	
Appendix B (g) (14) (A) (ii)	a National Pollutant Discharge Elimination System Permit.	Sections 8.14.8 Table 8.14-16	Yes	
Appendix B (g) (14) (B)	A description of the hydrologic setting of the project. The information shall describe, in writing and on maps at a scale of 1:24,000, the chemical and physical characteristics of the following water bodies that may be affected by the proposed project:	—	—	
Appendix B (g) (14) (B) (i)	Ground water bodies and related geologic structures;	Section 8.14.1.1 Figure 8.14-3 Tables 8.14-1 – 3 Appendix O	Yes	
Appendix B (g) (14) (B) (ii)	Surface water bodies; and	Section 8.14.1.2 Figure 8.14-1 Tables 8.14-4 – 11	Yes	
Appendix B (g) (14) (B) (iii)	Water inundation zones, such as the 100-year flood plain and tsunami run-up zones.	Section 8.14.1.3 Figure 8.14-2	Yes	
Appendix B (g) (14) (C)	A description of the water to be used and discharged by the project. This information shall include:	—	—	

Adequacy Issue: Adequate Inadequate
 Technical Area: Water Resources
 Project Manager: Jack W. Caswell

DATA ADEQUACY WORKSHEET

Revision No. 0 Date December 4, 2006
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Project: Colusa Generating Station
 Docket: 06-AFC-9

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (14) (C) (i)	Source of the water and the rationale for its selection, and if fresh water is to be used for power plant cooling purposes, a discussion of all other potential sources and an explanation why these sources were not feasible;	Sections 8.14.1.4.1 – .3 Section 8.14.2 Section 9.7	Yes	
Appendix B (g) (14) (C) (ii)	The physical and chemical characteristics of the source and discharge water;	Section 8.14.1.5 Section 8.14.4.2 Tables 8.14-2, 3 & 7 Appendix P	Yes	
Appendix B (g) (14) (C) (iii)	Average and maximum daily and annual water demand and waste water discharge for both the construction and operation phases of the project; and	Sections 8.14.1.4 & .1.5 Table 8.14-13	Yes	
Appendix B (g) (14) (C) (iv)	A description of all facilities to be used in water conveyance, treatment, and discharge. Include a water mass balance diagram.	Section 8.14.2.2 Section 3.4.6 – 3.4.7.1 Figures 3.3-1, .4-5A & -5B	Yes	
Appendix B (g) (14) (D)	A description of pre-, and post-construction runoff and drainage patterns, including:	—	—	
Appendix B (g) (14) (D) (i)	Precipitation and storm runoff patterns; and	Section 3.5.7 Figures 3.5-1 – -3 Section 8.14.1.3 Table 8.14-12	Yes	
Appendix B (g) (14) (D) (ii)	Drainage facilities and design criteria.	Section 8.14.1.6 Section 3.5.7 Figures 3.5-1 -- -5	Yes	
Appendix B (g) (14) (E)	An assessment of the effects of the proposed project on water resources. This discussion shall include:	—	—	
Appendix B (g) (14) (E) (i)	The effects of project demand on the water supply and other users of this source;	Section 8.14.2.2	Yes	
Appendix B (g) (14) (E) (ii)	The effects of construction activities and plant operation on water quality; and	Sections 8.14.2 – 8.14.2.2	Yes	
Appendix B (g) (14) (iii)	The effects of the project on the 100-year flood plain or other water inundation zones.	Section 8.14.2.3	Yes	

Adequacy Issue: Adequate Inadequate
 Technical Area: Water Resources
 Project Manager: Jack W. Caswell

DATA ADEQUACY WORKSHEET

Revision No. 0 Date December 4, 2006
 Technical Staff: Richard Latteri
 Technical Senior: Paul Richins

Project: Colusa Generating Station
 Docket: 06-AFC-9

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (h) (1) (A)	Tables which identify laws, regulations, ordinances, standards, adopted local, regional, state, and federal land use plans, and permits applicable to the proposed project, and a discussion of the applicability of each. The table or matrix shall explicitly reference pages in the application wherein conformance, with each law or standard during both construction and operation of the facility is discussed;	Section 8.14.6 Tables 8.14-15 & -16	Yes	
Appendix B (h) (1) (B)	Tables which identify each agency with jurisdiction to issue applicable permits and approvals or to enforce identified laws, regulations, standards, and adopted local, regional, state and federal land use plans, and agencies which would have permit approval or enforcement authority, but for the exclusive authority of the commission to certify sites and related facilities.	Table 8.14-15	Yes	
Appendix B (h) (2)	A discussion of the conformity of the project with the requirements listed in subsection (h)(1)(A).	Section 8.14.6	Yes	
Appendix B (h) (3)	The name, title, phone number, and address, if known, of an official within each agency who will serve as a contact person for the agency.	Section 8.14.7	Yes	
Appendix B (h) (4)	A schedule indicating when permits outside the authority of the commission will be obtained and the steps the applicant has taken or plans to take to obtain such permits.	Section 8.14.8 Table 8.14-16	Yes	

Adequacy Issue: Adequate Inadequate

**DATA ADEQUACY WORKSHEET
(Six Month Expedited Process)**

Revision No. 0 Date December 4, 2006

Technical Area: Worker Safety
Project Manager: Jack W. Caswell

Project: Colusa Generating Station
Docket: 06-AFC-9

Technical Staff: Rick Tyler
Technical Senior: Rick Tyler

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
§2022(b)(1) (All)	Substantial evidence that the project as proposed in the application will comply with all standards, ordinances, and laws applicable at the time of certification including;	Section 8.7	Yes	
§2022(b)(1)(A) (All)	A list of such standards, ordinances, and laws;	Table 8.7-6	Yes	
§2022(b)(1)(B) (All)	Information demonstrating that the project as proposed in the application will comply with all such standards, ordinances, and laws;	Section 8.7	Yes	
§2022(b)(1)(C) (All)	Where a standard, ordinance, or law is expected to change between the time of filing an application and certification, information from the responsible jurisdiction documenting the impending change, the schedule for enactment of the change, and whether the proposed project will comply with the changed standard, ordinance, or law.; and	N/A	Yes	
§2022(b)(1)(D) (All)	A list of the requirements for permitting by each federal, state, regional, and local agency that has jurisdiction over the proposed project or that would have jurisdiction, but for the exclusive jurisdiction of the commission, and the information necessary to meet those requirements;	Section 8.7.8	Yes	
§2022(b)(2)	Substantial evidence that the project as proposed in the application will not cause a significant adverse impact on the environment, including the following:	N/A		

Adequacy Issue: Adequate Inadequate
 Technical Area: Worker Safety
 Project Manager: Jack W. Caswell

DATA ADEQUACY WORKSHEET

Revision No. 0 Date December 4, 2006
 Technical Staff: Rick Tyler
 Technical Senior: Rick Tyler

Project: Colusa Generating Station
 Docket: 06-AFC-9

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (1)	...provide a discussion of the existing site conditions, the expected direct, indirect and cumulative impacts due to the construction, operation and maintenance of the project, the measures proposed to mitigate adverse environmental impacts of the project, the effectiveness of the proposed measures, and any monitoring plans proposed to verify the effectiveness of the mitigation.	Section 8.7	Yes	
Appendix B (g) (11) (A)	A description of the safety training programs which will be required for construction and operation personnel.	Sections 8.7.4 - 8.7.4.2	Yes	
Appendix B (g) (11) (B)	A complete description of the fuel handling system and the fire suppression system.	Section 3.4..5	Yes	
Appendix B (g) (11) (C)	Provide draft outlines of the Construction Health and Safety Program and the Operation Health and Safety Program, as follows:	Section 8.7	Yes	
	Construction Health and Safety Program: * Injury and Illness Prevention Plan (8 Cal. Code Regs., § 1509);	Section 8.7.3.1	Yes	
	* Fire Protection and Prevention Plan (8 Cal. Code Regs., § 1920);	Section 8.7.5	Yes	
	* Personal Protective Equipment Program (8 Cal. Code Regs., §§ 1514-1522)	Section 8.7.3.2	Yes	
	Operation Health and Safety Program: * Injury and Illness Prevention Program (8 Cal. Code Regs., § 3203);	Section 8.7.3.2	Yes	
	* Fire Prevention Plan (8 Cal. Code Regs., § 3221);	Section 8.7.5	Yes	
	* Emergency Action Plan (8 Cal. Code Regs., § 3220);	Section 8.7, Section 8.7.3.1 and Section 8.7.3.2	Yes	
	Personal Protective Equipment Program (8 Cal. Code Regs., §§ 3401-3411).			

Adequacy Issue: Adequate Inadequate
 Technical Area: Worker Safety
 Project Manager: Jack W. Caswell

DATA ADEQUACY WORKSHEET

Revision No. 0 Date December 4, 2006
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SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (h) (1) (A)	Tables which identify laws, regulations, ordinances, standards, adopted local, regional, state, and federal land use plans, and permits applicable to the proposed project, and a discussion of the applicability of each. The table or matrix shall explicitly reference pages in the application wherein conformance, with each law or standard during both construction and operation of the facility is discussed;	Section 8.7.6	Yes	
Appendix B (h) (1) (B)	Tables which identify each agency with jurisdiction to issue applicable permits and approvals or to enforce identified laws, regulations, standards, and adopted local, regional, state and federal land use plans, and agencies which would have permit approval or enforcement authority, but for the exclusive authority of the commission to certify sites and related facilities.	Section 8.7.7 and Table 8.7-6	Yes	
Appendix B (h) (2)	A discussion of the conformity of the project with the requirements listed in subsection (h)(1)(A).	Section 8.7	Yes	
Appendix B (h) (3)	The name, title, phone number, and address, if known, of an official within each agency who will serve as a contact person for the agency.	Section 8.7.7	Yes	
Appendix B (h) (4)	A schedule indicating when permits outside the authority of the commission will be obtained and the steps the applicant has taken or plans to take to obtain such permits.	Section 8.7.8	Yes	