State Of California

The Resources Agency of California

Memorandum

Date : March 30, 2006
Telephone: (916) 654-4996

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

DOCKET
06-AFC-1
DATE MAR 30 2006
RECD. MAR 30 2006

From: California Energy Commission
1516 Ninth Street
Sacramento, CA 95814-5512

B. B. Blevins
Executive Director

Subject: **VERNON POWER PLANT PROJECT DATA ADEQUACY RECOMMENDATION (06-AFC-1)**

The staff has completed its data adequacy review of the Vernon Power Plant Project Application for Certification (AFC) submitted on March 2, 2006. The applicant requested an expedited 6-month siting process allowed under Public Resources Code §25550. However, to qualify for the 6-month process, the project must also meet the 12-month criteria. Staff has determined that the AFC does not contain all the information required by Cal. Code of Regs., Title 20, § 1704, Appendix B, for the 12-month AFC process. Twenty-three technical disciplines were reviewed and information is still needed in eight areas; air quality, cultural resources, project description, public health, socioeconomics, traffic & transportation, transmission system engineering and water resources.

Staff has also determined that the AFC does not meet the data adequacy requirements of the 6-month process for six technical areas: air quality, project description, socioeconomics, traffic & transportation, transmission system engineering and water resources. Therefore, staff recommends that the Energy Commission find the AFC inadequate for both the 6-month process and 12-month process. Attachment A contains an overview of whether each technical discipline evaluated is adequate or inadequate. Attachment B contains detailed data adequacy worksheets that describe staff's findings for each information requirement for both the 6-month and 12-month processes.

We have not received comments from other agencies. The South Coast Air Quality Management District has indicated that they expect to issue a completeness determination by April 17, 2006.

At the Energy Commission's business meeting on April 12, 2006, staff will recommend that the Energy Commission not accept the AFC until all the additional information specified in Attachment B is supplied. Pursuant to Cal. Code of Regs., Title 20, § 1709 (c), if the Energy Commission accepts staff's recommendation, the Energy Commission shall indicate in writing those parts of the AFC that fail to meet the information requirements and the manner in which it can be made complete.

If you have any questions, please call James W. Reede, Jr., Ed. D., staff's Project Manager, at (916) 653-1245.

Attachments

ATTACHMENT A
OVERVIEW OF ENERGY COMMISSION STAFF'S
DATA ADEQUACY DETERMINATION
VERNON POWER PLANT PROJECT
06-AFC-1

TECHNICAL AREA	ATTACHMENT B PAGE NO	ADEQUATE? 12-MONTH	ADEQUATE? 6-MONTH
Air Quality	4	No	No
Alternatives	8	Yes	N/A
Biological Resources	9	Yes	Yes
Cultural Resources	13	No	Yes
Efficiency	16	Yes	Yes
Facility Design	18	Yes	Yes
Geological Hazards	20	Yes	Yes
Hazardous Materials Mgmt	22	Yes	Yes
Land Use	26	Yes	Yes
Noise	29	Yes	Yes
Paleontological Resources	32	Yes	Yes
Project Description	34	No	No
Public Health	37	No	Yes
Reliability	39	Yes	Yes
Socioeconomics	41	No	No
Soils	44	Yes	Yes
Traffic and Transportation	46	No	No
Transmission Line Safety and Nuisance	49	Yes	Yes
Transmission System Eng.	51	No	No
Visual Resources	54	Yes	Yes
Waste Management	57	Yes	Yes
Water Resources	60	No	No
Worker Safety	63	Yes	Yes
6-Month Master Document	65	No	No

ATTACHMENT B

ENERGY COMMISSION STAFF'S
List of Data Inadequacies

Vernon Power Plant Project
06-AFC-1

March 30, 2006

Adequacy Issue: Adequate ___ Inadequate **X**

DATA ADEQUACY WORKSHEET

Revision No. 0 Date March 30, 2006

Technical Area: **Air Quality** Project: Vernon Power Plant Technical Staff: Joe Loyer

Project Manager: James Reede Docket: 06-AFC-1 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 2.0 Section 8.1 Appendix 8	No	The application does not identify the Emission Reduction Credit holders that the project proponent is currently considering or in contact with to pursue mitigation (see Appendix B(g)(8)(J)(ii) for details)
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.		No	The applicant has not provided the information required for an application with the South Coast Air Quality Management District; therefore, we are unable to determine whether the application will be complete. Please provide a copy of a completed application to the District.
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.	Sec 8.1.5.1.1 Table 8.1-13 page 8.1-33 Sec 8.1.5.2.2 Table 8.1-21,22 Page 8.1-46,47 Sec 8.1.5.2.3 Table 8.1-24 page 8.1-49	Yes	
Appendix B (g) (8) (C)	A description of the control technologies proposed to limit the emission of criteria pollutants.	Sec 2.2.11 Page 2-13	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.	Sec 2.2.7 Page 2-8 Sec 2.2.8 Page 2-4	Yes	
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.	Sec 8.1.5.1.1 Table 8.1-18 Page 8.1-36	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.	Sec 8.1.5.1.1 Page 8.1-32 thru 37 Appendix 8.1A	Yes	

Adequacy Issue: Adequate ___ Inadequate **X**

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Revision No. 0 Date March 30, 2006

Technical Area: **Air Quality** Project: Vernon Power Plant Technical Staff: Joe Loyer

Project Manager: James Reede Docket: 06-AFC-1 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) (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.	Sec 8.1.3 Page 5 thru 11 Sec 8.1.5.2.3 Table 8.1-26 Page 8.1-50	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.	Sec 8.1.1.2 Page 8.1-2	Yes	
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.)	NA	NA	
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.	Sec 8.1.1.2 Page 8.1-2 Figures 8.1-1a thru 1i	Yes	
Appendix B (g) (8) (I)	An evaluation of the project's direct and cumulative air quality impacts, consisting of the following:			

Adequacy Issue: Adequate ___ Inadequate **X**

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Revision No. 0 Date March 30, 2006

Technical Area: **Air Quality** Project: Vernon Power Plant Technical Staff: Joe Loyer

Project Manager: James Reede Docket: 06-AFC-1 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) (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;	Sec 8.1.5.5 Page 8.1-61,62 Appendix 8.1C CD	Yes	
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	Sec 8.1.5.2.2 Page 8.1-45 thru 52 Appendix 8.1B CD	Yes	
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.	Modeling protocol submitted in January of 2006, approved in February of 2006.	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;	Appendix 8.1E Table 8.1E-1 Page 8.1E-3	Yes	

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Revision No. 0 Date March 30, 2006

Technical Area: **Air Quality** Project: Vernon Power Plant Technical Staff: Joe Loyer

Project Manager: James Reede Docket: 06-AFC-1 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) (ii)	Potential offset sources, including location, and quantity of emission reductions; and	Appendix 8.1E Table 8.1E-2 Page 8.1E-7 thru 52	No	Please provide a list of offset holders with whom you have entered into negotiations. You may submit this information to the CEC with a request for confidential status.
Appendix B (g) (8) (J) (iii)	Method of emission reduction.	Sec 8.1.5.1.1 Page 8.1-32,33	No	Please identify the mechanism of reduction for each potential offset identified in response to Appendix B(g)(8)(J)(ii) above.
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.	Not provided	No	Please provide 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.
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;	Appendix 1C Table 1C	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.	Appendix 1D Table 1D	Yes	
Appendix B (h) (2)	A discussion of the conformity of the project with the requirements listed in subsection (h)(1)(A).	Section 8.1.6 Page 8.1-62 thru 71	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.	Appendix 1E Table 1E	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.	Appendix 1D Table 1D	Yes	

Adequacy Issue: Adequate **X** Inadequate ____

DATA ADEQUACY WORKSHEET

Revision No. 0 Date March 30, 2006

Technical Area: **Alternatives** Project: Vernon Power Plant Technical Staff: J. W. Reede

Project Manager: James W. Reede, Jr., Ed.D Docket: 06-AFC-1 Technical Senior: E. 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) (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.	Pages 9-11 through 9-13, Section 9.4	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.	Pages 9-1 through 9-19	Yes	
Appendix B (f) (2)	An evaluation of the comparative engineering, economic, and environmental merits of the alternatives discussed in subsection (f)(1).	Pages 9-12, Table 9.4-1, Pages 9-20 through 9-23, Table 9.3-2	Yes	

Adequacy Issue: Adequate **X** Inadequate ___

DATA ADEQUACY WORKSHEET

Revision No. 0 Date March 30, 2006

Technical Area: **Biological Resources** Project: Vernon Power Plant Technical Staff: Joanna Reinhardt

Project Manager: James Reede Docket: 06-AFC-01 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 (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. 8.2.3, pg. 8.2-6 to 8.2-7	Yes	
		Direct, indirect, cumulative impacts: Sec. 8.2.4 (pg. 8.2-16 to 8.2-21); Table 8.2-3	Yes	
		Mitigation: Sec. 8.2.6, pg. 8.2-21	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. 8.2.3.5 (pg. 8.2-9 to 8.2-15); Table 8.2-2	Yes	
		Maps: Figs. 8.2-1 and 8.2-2	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. 8.2-1 and 8.2-2	Yes	
		Species lists: Sec. 8.2.3.5, pg. 8.2-9 to 8.2-10	Yes	
		Sensitive species lists: Table 8.2-2	Yes	

Adequacy Issue: Adequate **X** Inadequate ___

DATA ADEQUACY WORKSHEET

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Technical Area: **Biological Resources** Project: Vernon Power Plant Technical Staff: Joanna Reinhardt

Project Manager: James Reede Docket: 06-AFC-01 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 (g) (13) (C)	A description of all studies and surveys used to provide biological information about the project site, including seasonal surveys and copies of the California Department of Fish and Game's Natural Diversity Data Base Survey Forms, "California Native Species Field Survey Forms", and "California Natural Community Field Survey Forms", completed by the applicant. Include the dates and duration of the studies, methods used to complete the studies, and the names and qualifications of individuals conducting the studies.	Survey descriptions and results: Sec. 8.2.3.5 , pg. 8.2-9 to 8.2-10 CNDDB field survey forms	Yes N/A	
Appendix B (g) (13) (D)	A discussion of all permanent and temporary impacts to biological resources from site preparation, construction activities, and plant operation. Discussion of impacts must consider impacts from cooling tower drift, and from the use and discharge of water during construction and operation. For facilities which use once-through cooling or take or discharge water directly from or to natural sources, discuss impacts resulting from entrainment, impingement, thermal discharge, effluent chemicals, type of pump (if applicable), temperature, volume and rate of flow at intake and discharge location, and plume configuration in receiving water.	Discussion of permanent and temporary impacts: Sec. 8.2.4 (pg. 8.2-16 to 8.2-21); Table 8.2-3 (pg 8.2-17 to 8.2-18) Cooling tower drift impacts analysis: Sec. 8.2.3.3.3, pg. 8.2-8 Water discharge: Sec. 8.2.3.3.3, pg. 8.2-8	Yes Yes Yes	
Appendix B (g) (13) (E)	A discussion of the following:	----------	--------	
Appendix B (g) (13) (E) (i)	All measures proposed to avoid and/or reduce any adverse impacts;	Mitigation measures: Sec. 8.2.5, pg. 8.2-21	Yes	
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. 8.2.5, pg. 8.2-21	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	N/A	

Adequacy Issue: Adequate **X** Inadequate ___

DATA ADEQUACY WORKSHEET

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Project Manager: James Reede Docket: 06-AFC-01 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 (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. 8.2.5, pg. 8.2-21	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 and/or recreational species	N/A	
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 of federally listed species: Sec. 8.2.2.3.1, pg. 8.2-6; Table 8.2-2 (pg. 8.2-11 to 8.2-16)	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 of federally listed species: Sec. 8.2.2.3.1, pg. 8.2-6; Table 8.2-2 (pg. 8.2-11 to 8.2-16)	Yes	
Appendix B (g) (13) (H) (iii)	Species or habitats identified by legislative acts as requiring protection.	State of federally listed species: Sec. 8.2.2.3.1, pg. 8.2-6; Table 8.2-2 (pg. 8.2-11 to 8.2-16)	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;	LORS compliance: Table 8.2-1 (pg. 8.2-2 to 8.2-4)	Yes	

Adequacy Issue: Adequate **X** Inadequate ____

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Technical Area: **Biological Resources** Project: Vernon Power Plant Technical Staff: Joanna Reinhardt

Project Manager: James Reede Docket: 06-AFC-01 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.	Administrative Agency Contacts: Table 8.21, pg. 8.2-2 to 8.2-4	Yes	
Appendix B (h) (2)	A discussion of the conformity of the project with the requirements listed in subsection (h)(1)(A).	LORS compliance: Table 8.2-1 (pg. 8.2-2 to 8.2-4)	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.	Administrative Agency Contacts: Table 8.2-4, pg. 8.2-21	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: Table 8.2-8, pg. 8.2-22	Yes	

Adequacy Issue: Adequate ____ Inadequate **X**

DATA ADEQUACY WORKSHEET

Revision No. 0 Date March 30, 2006

Technical Area: **Cultural Resources** Project: Vernon Power Plant Technical Staff: Beverly E. Bastian

Project Manager: James Reede Docket: 06-AFC-1 Technical Senior: Richard York

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.	Site conditions: Vol.1, p.1-7, §1.8.3; fig. 1.1-6 Cumulative impacts: Vol. 1, p. 8.3-15, §8.3.5 Mitigation measures: Vol. 1, p. 8.3-15, §8.3.6 Monitoring plans: Vol. 1, p. 8.3-16, §8.3.6.3	Yes Yes Yes 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.	Ethnology, prehistory, history: Vol. 1, pp. 8.3-4 to 8.3-9, §8.3.3.2 thru 8.3.3.4 Map of ethnographic occupation: Figure 8.3-1	Yes 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.	Literature search: Vol. 1, pp. 8.3-9 to 8.3-11, §8.3.3.5.1 New archaeological survey, dates, methods,results: Vol. 1, pp. 8.3-11 to 8.3-14, §8.3.3.5.2 New architectural survey, dates, methods, and results: to be filed later Qualifications of conductors of surveys: Vol. 2, App. 8.3B	Yes Yes No Yes	The methods and results of the architectural survey. The AFC indicates that these results will be filed later.

Adequacy Issue: Adequate ___ Inadequate X

DATA ADEQUACY WORKSHEET

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Project Manager: James Reede Docket: 06-AFC-1 Technical Senior: Richard York

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.	Sensitivity of project area: Vol. 1, pp. 8.3-9 to 8.3-14, §8.3.3.5 thru 8.3.3.5.2 Sites present/significant: Vol. 1, pp. 8.3-10 to 8.3-11, §8.3.3.5.1	Yes 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.	Native American consultation: Vol. 1, p. 8.3-14, §8.3.3.5.3 Responses from Native Americans: to be filed later	Yes No	The summary of responses of contacted Native Americans. The AFC indicates that these results will be filed later.
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.	Mitigation and monitoring: Vol. 1, p. 8.3-16, §8.3.6.2 Worker education: Vol. 1, p. 8.3-15, §8.3.6 Mitigation and contingency measures: Vol. 1, pp. 8.3-16 to 8.3-17, §8.3.6.1 thru 8.3.6.9	Yes Yes 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 and discussion of LORS, etc.: Vol. 1, pp. 8.3-2 to 8.3-4, §8.3.2; Table 8.3-1 Discussion immediately follow table.	Yes N/A	

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Project Manager: James Reede Docket: 06-AFC-1 Technical Senior: Richard 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.	Permits required: Vol. 1, p. 8.3-18, §8.3.7, 3.8	Yes	
Appendix B (h) (2)	A discussion of the conformity of the project with the requirements listed in subsection (h)(1)(A).	Conformity with requirements: Vol. 1, pp. 8.3-2 to 8.3-4, §8.3.2; Table 8.3-1	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.	Contact information for agencies: Vol. 1, p. 8.3-18; Table 8.3-4	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 **X** Inadequate ___

DATA ADEQUACY WORKSHEET

Revision No. 0 Date March 30, 2006

Technical Area: **Efficiency** Project: Vernon Power Plant Technical Staff: Shahab Khoshmashrab

Project Manager: James Reede Docket: 06-AFC-1 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, 1.3, 1.3.2, 1.4, 1.8, 1.11, 1.12, 2.0, 2.3, 2.3.1, 8.0, 10.0; Appendices 1C (Table 1C), 8.15A, 10	Yes	
Appendix B (i) (4) (A)	Heat and mass balance diagrams for design conditions for each mode of operation.	Figures 2.2-5a, 2.2-5b	Yes	
Appendix B (i) (4) (B)	Annual fuel consumption in BTUs for each mode of operation.	§§ 2.2.6, 10.4	Yes	
Appendix B (i) (4) (C)	Annual net electrical energy produced in MWh for each mode of operation.	§§ 2.4.1, 1.3.2, 10.4	Yes	
Appendix B (i) (4) (D)	Number of hours the plant will be operated in each mode of operation in each year.	§§ 2.4.1, 1.3.2, 10.4	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.	§ 9.7	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;	Appendix 1C (Table 1C)	Yes	

Adequacy Issue: Adequate **X** Inadequate ___

DATA ADEQUACY WORKSHEET

Revision No. 0 Date March 30, 2006

Technical Area: **Efficiency** Project: Vernon Power Plant Technical Staff: Shahab Khoshmashrab

Project Manager: James Reede Docket: 06-AFC-1 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) (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.	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 **X** Inadequate ____

DATA ADEQUACY WORKSHEET

Revision No. 0 Date March 30, 2006

Technical Area: **Facility Design** Project: Vernon Power Plant Technical Staff: Steve Baker

Project Manager: James Reede Docket: 06-AFC-1 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;	Tables 10.7-1, 1C, 1D	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.	Tables 10.7-1, 1D, 1E	Yes	
Appendix B (h) (2)	A discussion of the conformity of the project with the requirements listed in subsection (h)(1)(A).	§§ 2.3.1, 6.3.1, 6.4; App. 10	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.	§ 10.6; Table 10.6-1; App. 1E	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.	§ 10.7; Table 10.7-1; App. 1D	Yes	
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.	App. 8.15A	Yes	
Appendix B (i) (1) (B)	A discussion of any measures proposed to improve adverse site conditions.	§§ 2.3.1, 6.3.1; App. 10	Yes	

Adequacy Issue: Adequate **X** Inadequate ___

DATA ADEQUACY WORKSHEET

Revision No. 0 Date March 30, 2006

Technical Area: **Facility Design**
Project Manager: James Reede

Project: Vernon Power Plant
Docket: 06-AFC-1

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
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.	App. 10G	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:	—	—	
Appendix B (i) (1) (D) (i)	The power generation system;	§§ 1.3, 1.5, 1.8.5, 2.2.2, 2.2.4.2; Figs. 1.1-2, 1.1-5, 1.1-7, 2.2-1, 2.2-2	Yes	
Appendix B (i) (1) (D) (ii)	The heat dissipation system;	§§ 1.3, 2.4.2.7; Figs. 1.1-2, 1.1-5, 1.1-7, 2.2-1, 2.2-2	Yes	
Appendix B (i) (1) (D) (iii)	The cooling water supply system, and, where applicable, pre-plant treatment procedures;	§§ 1.3, 2.1, 2.2.7, 2.2.8, 2.4.2.6, 2.4.4, 7.1; App. 8.14A; Figs. 1.1-2, 1.1-5, 1.1-7, 2.2-1, 2.2-2	Yes	
Appendix B (i) (1) (D) (iv)	The atmospheric emission control system;	§§ 1.3, 2.2.2, 2.2.4.2, 2.2.11; Figs. 1.1-2, 1.1-5, 1.1-7, 2.2-1, 2.2-2	Yes	
Appendix B (i) (1) (D) (v)	The waste disposal system and on-site disposal sites;	§§ 1.3, 2.1, 2.2.7, 2.2.9, 10.3.2; Figs. 1.1-2, 1.1-5, 1.1-7, 2.2-1, 2.2-2	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	§§ 1.3, 2.2.5.1, 2.2.14; Figs. 1.1-2, 1.1-5, 1.1-7, 2.2-1, 2.2-2, 2.2-4	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 **X** Inadequate ___

DATA ADEQUACY WORKSHEET

Revision No. 0 Date March 30, 2006

Technical Area: **Geological Hazards** Project: Vernon Power Plant Technical Staff: Dal Hunter, Ph.D., P.E.

Project Manager: James W. Reede, Jr., Ed.D. Docket: 06-AFC-1 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.	Appendix 8.15A 8.15.3.4.7-8 8.15.4.3 8.15.5	Yes	
Appendix B (g) (17) (A)	A summary of the geology, seismicity, and geologic resources of the project site and related facilities;	8.15.3.2, 8.15.3.4.2 8.15.4.3	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 8.15-1 8.15.3.1; 8.15.3.2, 8.15.3.2.1 8.15.3.4.1-7 Table 8.15-4 Table 8.15-2	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.	Figure 8.15-1 8.15.3.4.7-8 8.15.4.3	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 8.15-1 8.15.5	Yes	

Adequacy Issue: Adequate **X** Inadequate ____

DATA ADEQUACY WORKSHEET

Revision No. 0 Date March 30, 2006

Technical Area: **Geological Hazards** Project: Vernon Power Plant Technical Staff: Dal Hunter, Ph.D., P.E.

Project Manager: James W. Reede, Jr., Ed.D. Docket: 06-AFC-1 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) (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.	8.15.6 8.15.7	Yes	
Appendix B (h) (2)	A discussion of the conformity of the project with the requirements listed in subsection (h)(1)(A).	8.15.7	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.	§ 10.6; Table 10.6-1	Yes	

Adequacy Issue: Adequate **X** Inadequate ___

DATA ADEQUACY WORKSHEET

Revision No. 0 Date March 30, 2006

Technical Area: **Hazardous Materials Mgmt** Project: Vernon Power Plant Technical Staff: Geoff Lesh

Project Manager: James Reede Docket: 06-AFC-1 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 (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 2 and 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.	Tables 8.12-2 and 8.12-3	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.	Sections 8.6 and Figures 8.6-1, 8.6-1b	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	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 8.12.5	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.	Sections 8.6.4, 8.12.8	Yes	
Appendix B (g) (10) (F)	A discussion of measures proposed to reduce the risk of any release of hazardous materials.	Section 8.6.4	Yes	

Adequacy Issue: Adequate **X** Inadequate ___

DATA ADEQUACY WORKSHEET

Revision No. 0 Date March 30, 2006

Technical Area: **Hazardous Materials Mgmt** Project: Vernon Power Plant Technical Staff: Geoff Lesh

Project Manager: James Reede Docket: 06-AFC-1 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 (g) (10) (G)	A discussion of the fire and explosion risks associated with the project.	Section 8.12.6	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 8.12.2 and Table 8.12-1	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 8.12.9 and Section 8.12.10 and Table 8.12-7 and Table 8.12-8	Yes	
Appendix B (h) (2)	A discussion of the conformity of the project with the requirements listed in subsection (h)(1)(A).	Section 8.2	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.	Table 8.12.7	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 8.12.10 and Table 8.12-8	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.	Sections 2 and 8.12	Yes	

Adequacy Issue: Adequate **X** Inadequate ___

DATA ADEQUACY WORKSHEET

Revision No. 0 Date March 30, 2006

Technical Area: **Hazardous Materials Mgmt** Project: Vernon Power Plant Technical Staff: Geoff Lesh

Project Manager: James Reede Docket: 06-AFC-1 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 (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.	Tables 8.12-2 and 8.12-3	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.	Sections 8.6 and Figures 8.6-1, 8.6-1b	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	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 8.12.5	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.	Sections 8.6.4, 8.12.8	Yes	
Appendix B (g) (10) (F)	A discussion of measures proposed to reduce the risk of any release of hazardous materials.	Section 8.6.4	Yes	
Appendix B (g) (10) (G)	A discussion of the fire and explosion risks associated with the project.	Section 8.12.6	Yes	

Adequacy Issue: Adequate **X** Inadequate ____

DATA ADEQUACY WORKSHEET

Revision No. 0 Date March 30, 2006

Technical Area: **Hazardous Materials Mgmt** Project: Vernon Power Plant Technical Staff: Geoff Lesh

Project Manager: James Reede Docket: 06-AFC-1 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) (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 8.12.2 and Table 8.12-1	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 8.12.9 and Section 8.12.10 and Table 8.12-7 and Table 8.12-8	Yes	
Appendix B (h) (2)	A discussion of the conformity of the project with the requirements listed in subsection (h)(1)(A).	Section 8.2	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.	Table 8.12.7	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 8.12.10 and Table 8.12-8	Yes	

Adequacy Issue: Adequate **X** Inadequate ___

DATA ADEQUACY WORKSHEET

Revision No. 0 Date March 30, 2006

Technical Area: **Land Use** Project: Vernon Power Plant Technical Staff: David Flores

Project Manager: James Reede Docket: 06-AFC-1 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. 8.4-8 through 10 Sec. 8.4.3.2.1 & 8.4.3.2.2 AFC pg. 8.4-13 & 14 Sec. 8.4.6.2 AFC pg. 8.4 -14 & 15 Sec. 8.4.7	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:	AFC Pg. 8.4-3 through 10 Sec. 8.4.3 through 8.4.3.2.2 Table 8.4-4	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;	AFC pg. 8.4-10 & 11 Sec. 8.4.3.2.3 Figure 2.2- 3	Yes	
Appendix B (g) (3) (A) (ii)	A discussion of any trends in recent zoning changes and potential future land use development;	AFC pg. 8.4-11 Sec. 8.4.4	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	AFC pg. 8.4-12 Sec. 8.4.5	Yes	
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 8.4-1 Figure 8.4-2	Yes	

Adequacy Issue: Adequate **X** Inadequate ___

DATA ADEQUACY WORKSHEET

Revision No. 0 Date March 30, 2006

Technical Area: **Land Use** Project: Vernon Power Plant Technical Staff: David Flores

Project Manager: James Reede Docket: 06-AFC-1 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) (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	AFC pg. 8.4-4 through 8.4-8 Sec. 8.4.3.2 Table 8.4-3 Table 8.4-4	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:	N/A	Yes	
Appendix B (g) (15) (B) (i)	Crop types, irrigation systems, and any special cultivation practices; and	N/A	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.	AFC pg. 8.4-10 Sec. 8.4.3.2.2	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:	AFC pg. 8.4-14 Sec. 8.4.6.2	Yes	
Appendix B (g) (15) (C) (ii)	Direct and indirect effects on agricultural land uses; and	AFC pg. 8.4-14 & 14 Sec. 8.4.7	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; +	AFC pg. 8.4-2 through 4 Sec. 8.4.2 Table 8.4-3	Yes	

Adequacy Issue: Adequate **X** Inadequate ____

DATA ADEQUACY WORKSHEET

Revision No. 0 Date March 30, 2006

Technical Area: **Land Use** Project: Vernon Power Plant Technical Staff: David Flores

Project Manager: James Reede Docket: 06-AFC-1 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) (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. 8.4-15 & 16 Sec. 8.4.8 Table 8.4-6	Yes	
Appendix B (h) (2)	A discussion of the conformity of the project with the requirements listed in subsection (h)(1)(A).	AFC pg. 8.4-13 & 14 Sec. 8.4.6.2 Table 8.4-5	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. 8.4-15 & 16 Sec. 8.4.8 Table 8.4-6	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. 8.4-15 & 16 Sec. 8.4.8 Table 8.4-6	Yes	

Adequacy Issue: Adequate **X** Inadequate ___

DATA ADEQUACY WORKSHEET

Revision No. 0 Date March 30, 2006

Technical Area: **Noise** Project: Vernon Power Plant Technical Staff: Steve Baker

Project Manager: James Reede Docket: 06-AFC-1 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.	Sections 1.3, 1.5, 1.8.5, 2.1, 2.2.1, 2.2.6, 6.3.1; 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	
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.	Section 8.5.4.1; Tables 8.5-6 thru 8.5-10	Yes	
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.	Sections 8.5.5.3.1, 8.5.5.3.2, 8.5.5.3.3; Table 8.5-14	Yes	

Adequacy Issue: Adequate **X** Inadequate ____

DATA ADEQUACY WORKSHEET

Revision No. 0 Date March 30, 2006

Technical Area: **Noise** Project: Vernon Power Plant Technical Staff: Steve Baker

Project Manager: James Reede Docket: 06-AFC-1 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) (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.	Tables 8.5-11 thru 8.5-14; Sections 8.5.5.3.1, 8.5.5.3.2, 8.5.5.3.3	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.	Section 8.5.5.2.1; Tables 8.5-11 thru 8.5-13	Yes	
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.	Sections 9.5.5, 9.5.5.2.4	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 8.5-3; Section 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.	Table 8.5-15	Yes	

Adequacy Issue: Adequate **X** Inadequate ___

DATA ADEQUACY WORKSHEET

Revision No. 0 Date March 30, 2006

Technical Area: **Noise** Project: Vernon Power Plant Technical Staff: Steve Baker

Project Manager: James Reede Docket: 06-AFC-1 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) (2)	A discussion of the conformity of the project with the requirements listed in subsection (h)(1)(A).	Sections 8.5.5.2.1, 8.5.5.2.2, 8.5.5.2.3, 8.5.5.3.1, 8.5.5.3.2, 8.5.5.3.3, 8.5.5.3.4; Tables 8.5-11 thru 8.5-14	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 8.5.7; Table 8.5-15	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 X Inadequate ___

DATA ADEQUACY WORKSHEET

Revision No. 0 Date March 30, 2006

Technical Area: **Paleontological Resources** Project: Vernon Power Plant Technical Staff: Dal Hunter, Ph.D., P.E.

Project Manager: James W. Reede, Jr., Ed.D. Docket: 06-AFC-1 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.	8.16.3.1 8.16.3.3 8.16.4.2.1 8.16.4.2.2 8.16.5 8.16.6 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.	8.16.3.1-3 8.16.3.4.1	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.	8.16.3.4.1 8.16.3.4.2	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.	8.16.3.4 8.16.3.4.2 8.16.3.3	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.	8.16.3.4.2 Map (confidential) submitted with letter dated 2-27-06.	Yes	

Adequacy Issue: Adequate X Inadequate ___

DATA ADEQUACY WORKSHEET

Revision No. 0 Date March 30, 2006

Technical Area: **Paleontological Resources** Project: Vernon Power Plant Technical Staff: Dal Hunter, Ph.D., P.E.

Project Manager: James W. Reede, Jr., Ed.D. Docket: 06-AFC-1 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.	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 8.16-1 8.16.2 8.16.2.3	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.	8.16.8	Yes	
Appendix B (h) (2)	A discussion of the conformity of the project with the requirements listed in subsection (h)(1)(A).	8.16.7	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.	8.16.8	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.	8.16.9	Yes	

Adequacy Issue: Adequate ___ Inadequate X

DATA ADEQUACY WORKSHEET

Revision No. 0 Date March 30, 2006

Technical Area: **Project Description** Project: Vernon Power Plant Technical Staff: J. W. Reede

Project Manager James W. Reede, Jr., Ed.D Docket: 06-AFC-1 Technical Senior: E. Allen

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.	All Sections	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	All Sections	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	All Sections	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.	Appendix 1B	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.	Section 2.0 Pages 2-1 through 2-26	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.	Section 1.4 Page 1-5	Yes	
Appendix B (a) (1) (C)	A description of and maps depicting the region, the vicinity, and the site and its immediate surroundings.	Figures 1.1-1, 2, 3, 4 & 5	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.	Figures 1.1-6 & 7	No	Please provide required color figures.

Adequacy Issue: Adequate ___ Inadequate **X**

DATA ADEQUACY WORKSHEET

Revision No. 0 Date March 30, 2006

Technical Area: **Project Description** Project: Vernon Power Plant Technical Staff: J. W. Reede

Project Manager James W. Reede, Jr., Ed.D Docket: 06-AFC-1 Technical Senior: E. Allen

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 1A	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.	Section 1.5, Page 1.5 and Section 2.2.15, Page 2-17	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.	Sections 1.4 and 1.6, Pages 1-4 and 1-5	Yes	
Appendix B (a) (3) (B)	A list of all owners and operators of the proposed electric transmission facilities.	Section 1.6, Page 1.5	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).	Section 1.6, Page 1.5	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;		No	Please provide the required 1:24,000 scale maps.
Appendix B (b) (1) (B)	Scale plan and elevation drawings depicting the relative size and location of the power plant and all related facilities;	Figures 2.2-1 and 2.2-2	Yes	
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	Section 2.0, Pages 2-0 through 2-26	Yes	

Adequacy Issue: Adequate ____ Inadequate **X**

DATA ADEQUACY WORKSHEET

Revision No. 0 Date March 30, 2006

Technical Area: **Project Description** Project: Vernon Power Plant Technical Staff: J. W. Reede

Project Manager James W. Reede, Jr., Ed.D Docket: 06-AFC-1 Technical Senior: E. 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) (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).		No	Please provide the required 1:24,000 scale maps
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.	Figures 8.11-2	Yes	
Appendix B (c)	In a section entitled, "Demand Conformance" provide a discussion explaining how the proposed project conforms with the requirements of Public Resources Code § 25524 or Public Resources Code § 25540.6(a)(5). If the provisions of Public Resources Code § 25523.5 are applicable, explain how the project conforms with the requirements of this section. Additional data adequacy requirements may be contained in the Electricity Report applicable pursuant to Title 20, California Code of Regulations, § 1720.5.		N/A	
Appendix B (d) (1)	A copy of any study or analysis required by the terms of the Commission's Final Decision on the NOI, and a brief summary of the results of the study or analysis.		N/A	
Appendix B (d) (2)	Updates of any significant information which has changed since the Commission's Final Decision on the NOI.		N/A	
Appendix B (e) (1)	A discussion of how facility closure will be accomplished in the event of premature or unexpected cessation of operations.	Section 4.0, Pages 4-1 to 4-3	Yes	

Adequacy Issue: Adequate Inadequate **X** **DATA ADEQUACY WORKSHEET** Revision No. 0 Date March 30, 2006

Technical Area: **Public Health** Project: Vernon Power Plant Technical Staff: Obed Odoemelam
Project Manager: James Reede Docket: 06-AFC-1 Technical Senior: Matt Layton

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, pages 8.1-37 through 8.1-40. Section 8.6, pages 8.6-4, 8.6-8 and 8.6-10. Appendices 8.1B and 8.1D	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.	Section 8.1, pages 8.1-38 through 8.1-40. Section 8.6, pages 8.6-6 and 8.6-7	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.	Section 8.1, pages 8.1-41 through 8.1-56. Section 8.6, pages 8.6-6 through 8.6-8.	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.	Section 8.6, page 8.6-14	No	Please provide the required 1:24,000 scale maps.
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).	Section 8.6, page 8.6-12. Appendix 8.6A	No	Please provide the required 1:24,000 scale maps showing the distribution of population and sensitive receptors within the area exposed to the substances identified in subsection (g)(9)(A).

Adequacy Issue: Adequate ____ Inadequate **X**

DATA ADEQUACY WORKSHEET

Revision No. 0 Date March 30, 2006

Technical Area: **Public Health** Project: Vernon Power Plant Technical Staff: Obed Odoemelam

Project Manager: James Reede Docket: 06-AFC-1 Technical Senior: Matt 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;	Section 8.6, pages 8.6-2 through 8.6-5	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 8.6, pages 8.6-2 through 8.6-5	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, pages 8.1-37 through 8.1-40. Section 8.6, pages 8.6-8 and 8.6-9	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 8.6, page 8.6-3	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 8.6, pages 8.6-6 and 8.6-7.	Yes	

Adequacy Issue: Adequate **X** Inadequate ___

DATA ADEQUACY WORKSHEET

Revision No. 0 Date March 30, 2006

Technical Area: **Reliability** Project: Vernon Power Plant Technical Staff: Shahab Khoshmashrab

Project Manager: James Reede Docket: 06-AFC-1 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.	§§ 1.3, 1.3.2, 1.8.12, 1.8.13, 1.8.14, 1.8.15, 2.1, 2.2.2, 2.2.6, 2.2.7, 2.2.8, 2.2.9, 2.2.10, 2.2.11, 2.3.1, 2.4.1, 2.4.2, 2.4.3, 2.4.4, 2.4.5, 6.0, 7.0, 8.1, 8.12, 8.13, 8.14, 8.15, 9.5.4, 10.3.1, 10.3.2; Appendices 1C, 6A, 8.14A, 10	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.	§§ 1.3, 1.3.2, 2.1, 2.2.6, 2.4.3, 6.0, 9.5.4, 10.3.1; Appendix 6A	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:	—	—	
Appendix B (i) (3) (B) (i)	Expected annual and lifetime capacity factors;	§§ 2.2.2, 2.4.1, 2.4.2, 10.3.2; Appendix 6A	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 reinjection system, the atmospheric emission control system, resource conveyance lines, and the waste disposal system;	§§ 1.3, 1.3.2, 1.8.12, 1.8.13, 1.8.14, 2.1, 2.2.7, 2.2.8, 2.2.9, 2.2.10, 2.2.11, 8.1, 8.12, 8.13, 8.14, 10.3.1, 10.3.2	Yes	
Appendix B (i) (3) (B) (iii)	Geologic and flood hazards, meteorologic conditions and climatic extremes, and cooling water availability;	§§ 1.3, 1.8.14, 1.8.15, 2.1, 2.2.7, 2.3.1, 2.4.4, 7.0, 8.14, 8.15; Appendices 8.14A, 10	Yes	
Appendix B (i) (3) (B) (iv)	Special design features adopted by the applicant or resource supplier to ensure power plant reliability; and	§§ 2.4.1, 2.4.5, 10.3.1, 10.3.2	Yes	
Appendix B (i) (3) (B) (v)	The expected power plant maturation period.	§ 10.3.2	Yes	

Adequacy Issue: Adequate **X** Inadequate ___

DATA ADEQUACY WORKSHEET

Revision No. 0 Date March 30, 2006

Technical Area: **Reliability** Project: Vernon Power Plant Technical Staff: Shahab Khoshmashrab

Project Manager: James Reede Docket: 06-AFC-1 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;	Appendix 1C (Table 1C)	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.	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 X

DATA ADEQUACY WORKSHEET

Revision No. 0 Date March 30, 2006

Technical Area: **Socioeconomics** Project: Vernon Power Plant Technical Staff: Gary Collord

Project Manager: James Reede Docket: 06-AFC-1 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.	Section 8.8, Pgs 1-21.	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 8.8.3, Pgs 3-11.	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;	Section 8.8.3.4, Pgs 8-9. Section 8.8.4.4.4, Pgs 18-19.	Yes	
Appendix B (g) (7) (A) (ii)	The social characteristics, including population and demographic and community trends;	Section 8.8.3.1, Pg 3. Table 8.8.2, Pg 4.	Yes	
Appendix B (g) (7) (A) (iii)	Existing and projected unemployment rates;	Section 8.8.3.3, Pg 7.	No	The employment data table on Page 7 does not include any information for Vernon. Please provide actual or estimated data for Vernon's existing and projected unemployment rates from primary or secondary (e.g. U.S. Census Bureau) sources.
Appendix B (g) (7) (A) (iv)	Availability of skilled workers by craft required for construction and operation of the project;	Section 8.8.4.3.1, Pgs 12-14.	Yes	
Appendix B (g) (7) (A) (v)	Availability of temporary and permanent housing; and	Section 8.8.3.2, Pg 5. Section 8.8.4.3.3, Pg 15.	Yes	

Adequacy Issue: Adequate ___ Inadequate X

DATA ADEQUACY WORKSHEET

Revision No. 0 Date March 30, 2006

Technical Area: **Socioeconomics** Project: Vernon Power Plant Technical Staff: Gary Collord

Project Manager: James Reede Docket: 06-AFC-1 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) (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.	Section 8.8.3.5, Pg 8. Section 8.8.3.6, Pgs 9-11. Appendix 8.14A.	Yes	
Appendix B (g) (7) (B)	A discussion of the socioeconomic impacts caused by the construction and operation of the project, including:	Section 8.8.4.1 to 8.8.6, Pgs 12-21.	Yes	
Appendix B (g) (7) (B) (i)	The number of workers to be employed each month by craft during construction and operation;	Table 8.8-19, Pg 13.	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 8.8.4.3.2, Pg 15.	Yes	
Appendix B (g) (7) (B) (iii)	An estimate of the potential population increase caused directly and indirectly by the project;	Section 8.8.4.3.2, Pg 15. Section 8.8.4.4.2, Pg 18.	Yes	
Appendix B (g) (7) (B) (iv)	The potential impact of population increase on housing during the construction and operations phases;	Section 8.8.4.3.3, Pg 15. Section 8.8.4.4.3, Pg 18.	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;	Section 8.8.4.4.7-8, Pg 20.	Yes	

Adequacy Issue: Adequate ___ Inadequate **X**

DATA ADEQUACY WORKSHEET

Revision No. 0 Date March 30, 2006

Technical Area: **Socioeconomics** Project: Vernon Power Plant Technical Staff: Gary Collord

Project Manager: James Reede Docket: 06-AFC-1 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) (7) (B) (vi)	An estimate of applicable school impact fees;	Section 8.8.4.3.6, Pg 17. Section 8.8.4.4.6, Pg 19.	Yes	
Appendix B (g) (7) (B) (vii)	An estimate of the total construction payroll and an estimate of the total operation payroll;	Section 8.8.4.4.4, Pg 19. Section 8.8.4.3.1, Pg 12.	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 8.8.4.3.4 and 5, Pgs 15-17.	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.	Section 8.8.4.3.4 and 5, Pgs 15-17.	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 8.8.2, Pgs 1-3.	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 8.8.2, Pgs 1-3.	Yes	
Appendix B (h) (2)	A discussion of the conformity of the project with the requirements listed in subsection (h)(1)(A).	Section 8.8.2, Pgs 1-2.	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 8.8.8, Pg 21.	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.	Section 8.8.9, Pg 21.	Yes	

Adequacy Issue: Adequate **X** Inadequate ___

DATA ADEQUACY WORKSHEET

Revision No. 0 Date March 30, 2006

Technical Area: **Soils** Project: Vernon Power Plant Technical Staff: Townsend-Hough, Kessler

Project Manager: James W. Reede, Jr., Ed.D Docket: 06-AFC-1 Technical Senior: Natasha Nelson

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.	Pages 8.9-4 – 8.9-10 & 8.9-15 – 8.9-18	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:	Figure 8.9-1 Pages 8.9-4 – 8.9-10	Yes	
Appendix B (g) (15) (A) (i)	The depth, texture, permeability, drainage, erosion hazard rating, and land capability class of the soil; and	Table 8.9-2 Pages 8.9-4 – 8.9-7	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.	Table 8.9-2 Pages 8.9-4 – 8.9-7 Appendix 8.13-A	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;	Tables 8.9-3 & 8.9-5 Pages 8.9-10 – 8.9-14	Yes	
Appendix B (g) (15) (C) (iii)	The effect of power plant emissions on surrounding soil-vegetation systems.	Page 8.9-16	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;	Tables 8.9-1 & 8.9-6 Appendices 1C, 1D, & 1E	Yes	

Adequacy Issue: Adequate **X** Inadequate ___

DATA ADEQUACY WORKSHEET

Revision No. 0 Date March 30, 2006

Technical Area: **Soils** Project: Vernon Power Plant Technical Staff: Townsend-Hough, Kessler

Project Manager: James W. Reede, Jr., Ed.D Docket: 06-AFC-1 Technical Senior: Natasha Nelson

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.	Table 8.9-6 Appendices 1D, 1E & 8.14B	Yes	
Appendix B (h) (2)	A discussion of the conformity of the project with the requirements listed in subsection (h)(1)(A).	Pages 8.9-1 – 8.9-4 & 8.9-18 – 8.9-20	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.	Table 8.9-6 Appendices 1D & 1E	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.	Table 8.9-6 Appendix 1D	Yes	

Adequacy Issue: Adequate ___ Inadequate **X**

DATA ADEQUACY WORKSHEET

Revision No. 0 Date March 30, 2006

Technical Area: **Traffic and Transportation** Project: Vernon Power Plant Technical Staff: James Adams

Project Manager: James Reede Docket: 06-AFC-1 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 PP. 8.10-1 through 10-23, Section 8.10	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.	Figure 8.10-1, PP. 8.10-2 through 10-4, Section 8.10.2	Yes	
Appendix B (g) (5) (B)	An 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, PP.8.10-4 through 10-9, Section 8.10.3, Figures 8.10-5 & 10-6	Yes	
Appendix B (g) (5) (B) (i)	Road classification and design capacity;	Table 8.10-4, Pg. 8.10-8 Section 8.10.3.2	Yes	
Appendix B (g) (5) (B) (ii)	Current daily average and peak traffic counts;	Table 8.10-4, Pg. 8.10-8 Section 8.10.3.2 Figures 8.10-3 & 10-4	Yes	
Appendix B (g) (5) (B) (iii)	Current and projected levels of service before project development, during construction, and during project operation;	Table 8.10-4, Pg. 8.10-8 Section 8.10.3.2 Table 8.10-6, Pg. 8.10-13 Section 8.10.4.2	Yes	
Appendix B (g) (5) (B) (iv)	Weight and load limitations;	PP. 8.10-3 & 10-4 Section 8.10.2	Yes	
Appendix B (g) (5) (B) (v)	Estimated percentage of current traffic flows for passenger vehicles and trucks; and	Table 8.10-4, Pg. 8.10-8 Section 8.10.3.2	Yes	

Adequacy Issue: Adequate ___ Inadequate **X**

DATA ADEQUACY WORKSHEET

Revision No. 0 Date March 30, 2006

Technical Area: **Traffic and Transportation** Project: Vernon Power Plant Technical Staff: James Adams

Project Manager: James Reede Docket: 06-AFC-1 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) (vi)	An identification of any road features affecting public safety.	Pg. 8.10-9, Section 8.10.3.8 Pg. 8.10-20 Section 8.10.4.3.3	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.	Pg. 8.10-9 Section 8.10.3.7 Pg. 8.10-12 Section 8.10.4.2.3	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).	PP. 8.10-10 through 10-20 Section 8.10.4.2	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.	PP. 8.10-19 & 10-20 Section 8.10.4.3.2	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 8.10-1, PP. 8.10-1 & 2 Section 8.10.2 PP. 8.10-2 through 10-4 Table 8.10-10, Section 8.10-2 Pg. 8.10-23 Section 8.10.8	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.	Table 8.10-9, Pg. 8.10-22 Section 8.10.7	Yes	

Adequacy Issue: Adequate ___ Inadequate **X**

DATA ADEQUACY WORKSHEET

Revision No. 0 Date March 30, 2006

Technical Area: **Traffic and Transportation** Project: Vernon Power Plant Technical Staff: James Adams

Project Manager: James Reede Docket: 06-AFC-1 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) (2)	A discussion of the conformity of the project with the requirements listed in subsection (h)(1)(A).		No	Please provide a discussion of the conformity of the project with the requirements listed in subsection (h)(1)(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.	Table 8.10.9, Pg. 8.10-22 Section 8.10.7	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.	Table 8.10-10, Pg. 8.10-23 Section 8.10.8	Yes	

Adequacy Issue:	Adequate	X	Inadequate		**DATA ADEQUACY WORKSHEET**	Revision No. 0	Date March 30, 2006
Technical Area:	**Transmission Line Safety and Nuisance**		Project:	Vernon Power Plant		Technical Staff:	Obed Odoemelam
Project Manager:	James W. Reede, Jr.		Docket:	06-AFC-1		Technical Senior:	Matt Layton

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 5.0, pages 5.1 through 5-4.	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.	Section 5.0, pages 5-3, and 5-4.	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.	Section 5.0, pages 5-13 through 5-15.	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.	Section 5.o, pages 5-15 through 5-18 and 5-26 through 5-32.	Yes	

Adequacy Issue:	Adequate **X**	Inadequate		**DATA ADEQUACY WORKSHEET**	Revision No.	0	Date March 30, 2006
Technical Area:	**Transmission Line Safety and Nuisance**	Project:	Vernon Power Plant		Technical Staff:	Obed Odoemelam	
Project Manager:	James W. Reede, Jr.	Docket:	06-AFC-1		Technical Senior:	Matt 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;	Section 5.0, pages 5-20 through 5-23	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 5.0, page 5-23.	Yes	
Appendix B (h) (2)	A discussion of the conformity of the project with the requirements listed in subsection (h)(1)(A).	Section 5.0, pages 5-14, 5-15, and 5-18 through 5-20.	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 5.0, page 5-23.	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 5,0, page 5-23	Yes	

Adequacy Issue: Adequate ___ Inadequate x

DATA ADEQUACY WORKSHEET

Revision No. 0 Date March 30, 2006

Technical Area: **Transmission System Eng.** Project: Vernon Power Plant Technical Staff: Ajoy Guha, P.E.

Project Manager: James W. Reede, Jr. Docket: 06-AFC-1 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, Pages 5-1 to 5-2 Section 5-3, Pages 5-5 to 5-7	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 5.2, Pages 5-3 to 5-5	Yes	
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 5.2, Pages 5-3 to 5-7 Transmission Interconnection System Impact Study, Appendix 5A	No	In order to identify required downstream transmission facilities and to demonstrate conformance or non-conformance with the NERC/WSCC, and/or Utility planning standards and reliability criteria, please provide the following with respect to the System Impact Study for the nominal 610 MW Vernon Power Plant (VPP): a. List all major study assumptions in the base cases including imports and exports to the system, major Path flows (such as EOR, SCIT, Path 15 or 26 etc.), major generations including queue generation projects and hydro, loads in the area systems. b. Identify the reliability and planning criteria utilized to determine the reliability criteria violations in the area systems. c. For the Power Flow analysis with each base case for N-0, N-1 and critical N-2 contingency conditions, provide a list of overload criteria violations in the LADWP area and non-LADWP areas <u>in one table</u> showing the loadings and ratings of the overloaded lines or equipment before and after adding the new generation and their differences side by side. Identify the pre-project existing overloads, post-project new overloads and incremental overloads. d. If the study identifies criteria violations, list all utility approved mitigation measures. e. Provide power flow diagrams (showing MVA, % loading & P. U. voltage) for base cases with and without the VPP project. Power flow diagrams must also be provided for all N-0, N-1 and N-2 studies where overloads or voltage violations occur. f. Provide electronic copies of *.sav and *.drw, *.dyd and *.swt GE PSLF files and EPCL contingency and comparison files in a CD (if available)..

Adequacy Issue: Adequate ____ Inadequate x

DATA ADEQUACY WORKSHEET

Revision No. 0 Date March 30, 2006

Technical Area: **Transmission System Eng.** Project: Vernon Power Plant Technical Staff: Ajoy Guha, P.E.

Project Manager: James W. Reede, Jr. Docket: 06-AFC-1 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 5-3, Pages 5-5 to 5-7. Section 5.2.2.2, Pages 5-4 to 5-5. Transmission Interconnection System Impact Study, Appendix 5A	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.	Section 5.2-1, Page 5-3	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.		NA	
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.		NA	
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 10.5, Page 10-4 to10-5. Appendix 10D. Appendix 1D. Section 8.4, Pages 8.4-1 to 8.4-9.	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.	Appendix 1D. Section 8.4, Pages 8.4-1 to 8.4-9.	Yes	

Adequacy Issue: Adequate ___ Inadequate x

DATA ADEQUACY WORKSHEET

Revision No. 0 Date March 30, 2006

Technical Area: **Transmission System Eng.** Project: Vernon Power Plant Technical Staff: Ajoy Guha, P.E.

Project Manager: James W. Reede, Jr. Docket: 06-AFC-1 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) (2)	A discussion of the conformity of the project with the requirements listed in subsection (h)(1)(A).	Section 8.4, Pages 8.4-1 to 8.4 -9	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 10.5, Pages 10-4 to 10-5. Section 8.4, Pages 8.4-1 to 8.4-9.	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 10.7, Pages 10-5 to 10-6	Yes	.

Adequacy Issue: Adequate x Inadequate ___

DATA ADEQUACY WORKSHEET

Revision No. 0 Date March 30, 2006

Technical Area: **Visual Resources** Project: Vernon Power Plant Technical Staff: Dmitri Smith

Project Manager: James Reede Docket: 06-AFC-1 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.	Section 8.11.1 to 8.11.5, Pages 8.11-1 to16 Section 2.1 to 2.2, Pages 2-1 to 2-2	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:	Section 8.11.2.1 to 8.11.2.3, Pages 8.11-1 to 8.11-4, Section 8.11.2.5 to 8.11.2.6.2, Pages 8.11-4 to 8.11-7	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	Existing structure will be removed	NA	
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.	Section 8.11.2.3 to 8.11.2.5, Pages 8.11-2 to 8.11-4 Section 8.11.3.5, Page 8.11-14 to 8.11-15	Yes	
Appendix B (g) (6) (B)	An assessment of the visual quality of those areas that will be impacted by the proposed project.	Section 8.11.2.5, Pages 8.11-4 to 8.11-7	Yes	

Adequacy Issue: Adequate x Inadequate ___

DATA ADEQUACY WORKSHEET

Revision No. 0 Date March 30, 2006

Technical Area: **Visual Resources** Project: Vernon Power Plant Technical Staff: Dmitri Smith

Project Manager: James Reede Docket: 06-AFC-1 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) (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.	Section 8.11.2.6 to Section 8.11.2.6.2, Pages 8.11-4 to 8.11-7	Yes	
Appendix B (g) (6) (D)	A description of the dimensions, color, and material of each major visible component of the project.	Section 8.11.3.3.1 and Section 8.11.3.3.2, Pages 8.11.9 to 8.11.10 Table 8.11-2	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 8.11-3 and 8.11-4	Yes	
Appendix B (g) (6) (F)	An assessment of the visual impacts of the project, including light and glare, and visible plumes.	Section 8.11.3, Page 8.11-11 Section 8.11.3.4.4 to 8.11.3.4.5, Pages 8.11-12 to 8.11-13	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 8.11.6.1 to Section 8.11.6.5, Pages 8.11-16 to 8.11-20 Table 8.11-3 Table 8.11-4 Table 8.11-5	Yes	

Adequacy Issue: Adequate x Inadequate ___

DATA ADEQUACY WORKSHEET

Revision No. 0 Date March 30, 2006

Technical Area: **Visual Resources** Project: Vernon Power Plant Technical Staff: Dmitri Smith

Project Manager: James Reede Docket: 06-AFC-1 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) (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 8.11.6.1, Pages 8.11-16, Page 8.11-17 Table 8.11-3	Yes	
Appendix B (h) (2)	A discussion of the conformity of the project with the requirements listed in subsection (h)(1)(A).	Section 8.11.6.2 to Section 8.11.6.5, Page 8.11-17 to 8.11-20 Tables 8.11-4, 8.11-5 and 8.11-6	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 8.11.8, Page 8.11-20 Table 8.11-7	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.	NA	Yes	

Adequacy Issue: Adequate **X** Inadequate ___

DATA ADEQUACY WORKSHEET

Revision No. 0 Date March 30, 2006

Technical Area: **Waste Management** Project: Vernon Power Plant Technical Staff: R.Sundareswaran

Project Manager: J. Reede Docket: 06-AFC-01 Technical Senior: N.Nelson

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	Pg. 2-1 to 2-24/Sec. 2.2.1 to 2.4.4	Yes	
Appendix B (e) (1)	A discussion of how facility closure will be accomplished in the event of premature or unexpected cessation of operations.	Pg. 4-1 to 4-3/Sec. 4.1 to 4.5 Pg. 8.13-16 to 8.13-17/Sec. 8.13.5.3 to 8.13.5.3.2	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.	Pg. 8.13-4 to 8.13-18/Sec.8.13.2 to 8.13.7	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.	Pg. 8.13-4 to 8.13-7/Sec. 8.13.2.1.1 to 8.13.2.1.2 Appendix 8.13A	Yes	

Adequacy Issue: Adequate **X** Inadequate ___

DATA ADEQUACY WORKSHEET

Revision No. 0 Date March 30, 2006

Technical Area: **Waste Management** Project: Vernon Power Plant Technical Staff: R.Sundareswaran

Project Manager: J. Reede Docket: 06-AFC-01 Technical Senior: N.Nelson

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.	Pg. 8.13-7 to 8.13-12/Sec. 8.13.3.1 to 8.13.3.2.3 including Tables 8.13-2 & 8.13-3	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.	Pg. 8.13-12 to 8.13-14/Sec. 8.13.4.1 to 8.13.4.2.4 including Table 8.13-4	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.	Pg. 8.13-14 to 8.13-16/Sec. 8.13.5.1 to 8.13.5.2.2	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;	Pg. 8.13-1 to 8.13-2/Table 8.13-1 Pg. 8.13-18/Table 8.13-6 Appendix 1C	Yes	

Adequacy Issue: Adequate **X** Inadequate ____

DATA ADEQUACY WORKSHEET

Revision No. 0 Date March 30, 2006

Technical Area: **Waste Management** Project: Vernon Power Plant Technical Staff: R.Sundareswaran

Project Manager: J. Reede Docket: 06-AFC-01 Technical Senior: N.Nelson

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.	Pg. 8.13-18/Table 8.13-5 Appendix 1D	Yes	
Appendix B (h) (2)	A discussion of the conformity of the project with the requirements listed in subsection (h)(1)(A).	Pg. 8.13-2 to 8.13-4/Sec. 8.13.1.1 to 8.13.1.4 Pg. 8.13-18/Sec. 8.13-9	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. 8.13-18/Table 8.13-5 Appendix 1E	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. 8.13-18/Table 8.13-6	Yes	
Appendix B. (i) (1) (B)	A discussion of any measures proposed to improve adverse site conditions.	Not Applicable		
Appendix B (i) (1) (D) (v)	The waste disposal system and on-site disposal sites;	Not Applicable		

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.	Pages 8.14-7 – 8.14-8 and 8.14-10 – 8.14-15	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	Appendix 8.14B Pages 8.14-1 – 8.14-6 Tables 8.14-1 & 8.14-6	Yes	
Appendix B (g) (14) (A) (ii)	a National Pollutant Discharge Elimination System Permit.			
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;	Pages 8.14-8 & 8.14-13 Figure 8.14-2	Yes	
Appendix B (g) (14) (B) (ii)	Surface water bodies; and	Pages 8.14-7, 8.14-11 & 8.14-12 Figure 8.14-1	Yes	
Appendix B (g) (14) (B) (iii)	Water inundation zones, such as the 100-year flood plain and tsunami run-up zones.	Pages 8.14-8 & 8.14-14	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 X

DATA ADEQUACY WORKSHEET

Revision No. 0 Date March 30, 2006

Technical Area: **Water Resources** Project: Vernon Power Plant Technical Staff: Townsend-Hough/Kessler

Project Manager: James Reede Docket: 06-AFC-1 Technical Senior: Natasha Nelson

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;	Pages 8.14-8 – 8.14-9 Table 8.14-2	Yes	
Appendix B (g) (14) (C) (ii)	The physical and chemical characteristics of the source and discharge water;		No	Physical and chemical characteristics of: a) source recycled water; and b) wastewater in sanitary sewer system before plant discharge;
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	Pages 8.14-9 – 8.14-10 Tables 8.14-2 & 8.14-3	No	Construction water use data & source; Maximum annual operational water demand (assuming 4,048 AFY given is average demand);
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.		No	Water mass balance diagram; Diameter of proposed pipelines for recycled water, domestic water & sewer; water treatment equipment capacities & description
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		No	Provide maps showing pre-construction runoff patterns.
Appendix B (g) (14) (D) (ii)	Drainage facilities and design criteria.		No	Pre- & post construction runoff needs to be quantified; Provide stormwater design criteria per Los Angeles County Dept of Public Work's requirements & demonstrate project will comply & LACDPW has capacity to receive stormwater;
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;		No	Describe current and future demands for recycled water from Central Basin Municipal Water District.
Appendix B (g) (14) (E) (ii)	The effects of construction activities and plant operation on water quality; and		No	Provide Draft Construction & Operational Drainage, Erosion & Sediment Control Plan.
Appendix B (g) (14) (iii)	The effects of the project on the 100-year flood plain or other water inundation zones.	Page 8.14-14	Yes	

Adequacy Issue: Adequate ___ Inadequate **X**

DATA ADEQUACY WORKSHEET

Revision No. 0 Date March 30, 2006

Technical Area: **Water Resources** Project: Vernon Power Plant Technical Staff: Townsend-Hough/Kessler

Project Manager: James Reede Docket: 06-AFC-1 Technical Senior: Natasha Nelson

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;	Pages 8.14-1 – 8.14-7 Table 8.14-1 Appendix 1C	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 8.14-6 Appendix 1D	Yes	
Appendix B (h) (2)	A discussion of the conformity of the project with the requirements listed in subsection (h)(1)(A).	Pages 8.14-1 – 8.14-7 & 8.14-8 – 8.14-14	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 8.14-6 Appendices 1D & 1E	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.	Table 8.14-6 Appendices 1D & 8.14B	Yes	

Adequacy Issue: Adequate **X** Inadequate

DATA ADEQUACY WORKSHEET

Revision No. 0 Date March 10, 2006

Technical Area: **Worker Safety** Project: Vernon Power Plant Technical Staff: Geoff Lesh

Project Manager: James Reede Docket: 06-AFC-1 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 (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 2 and Section 8.7, and Table 8.7-5 and Table 8.7-6	Yes	
Appendix B (g) (11) (A)	A description of the safety training programs which will be required for construction and operation personnel.	Section 8.7.4	Yes	
Appendix B (g) (11) (B)	A complete description of the fuel handling system and the fire suppression system.	Section 2.2.6 and Section 8.22	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);		Yes	
	* Fire Protection and Prevention Plan (8 Cal. Code Regs., § 1920);		Yes	
	* Personal Protective Equipment Program (8 Cal. Code Regs., §§ 1514-1522)			
	Operation Health and Safety Program: * Injury and Illness Prevention Program (8 Cal. Code Regs., § 3203);		Yes	
	* Fire Prevention Plan (8 Cal. Code Regs., § 3221);		Yes	
	* Emergency Action Plan (8 Cal. Code Regs., § 3220);		Yes	
	* Personal Protective Equipment Program (8 Cal. Code Regs., §§ 3401-3411).		Yes	

Adequacy Issue: Adequate **X** Inadequate

DATA ADEQUACY WORKSHEET

Revision No. 0 Date March 10, 2006

Technical Area: **Worker Safety**

Project: Vernon Power Plant

Technical Staff: Geoff Lesh

Project Manager: James Reede

Docket: 06-AFC-1

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) (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 8.7.2 and Table 8.7-1, Table 8.7-2, Table 8.7-3, Table 8.7-4	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.	Sections 8.7.5 and 8.7.6 Tables 8.7-9 and 8.7-10	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.	Table 8.7-9	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 8.7.6 and Table 8.7-10	Yes	

Adequacy Issue: Adequate ____ Inadequate **X**

DATA ADEQUACY WORKSHEET

(Six Month Expedited Process)

Revision No. 0 Date March 30, 2006

Technical Area: **6-Month Master Document** Project: Vernon Power Plant Technical Staff: J. W. Reede

Project Manager: James W. Reede, Jr., Ed.D Docket: 06-AFC-1 Technical Senior: E. 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;	Appendix 1C	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 Sections	No	Air Quality, Project Description, Traffic, TSE, Socioeconomics, and Water Resources lack necessary information to demonstrate compliance with applicable LORS. See respective technical areas in the 12-Month data Adequacy worksheets.
§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	Appendix 8.1E, Page 8.1E-1 & 2	No	No information from South Coast Air Quality Management District was provided to document proposed changes to Air District Rules 1302 and 1309.1 and there was no discussion regarding the potential implications for the project.
§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;	Appendix 1D	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 March 30, 2006

Technical Area: **6-Month Master Document** Project: Vernon Power Plant Technical Staff: J. W. Reede

Project Manager: James W. Reede, Jr., Ed.D Docket: 06-AFC-1 Technical Senior: E. Allen

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 8.1.7 Page 8.1-71 Appendix 8.1F	No	The application states on page 8.1-71 that the project proponent will submit the cumulative assessment at a later date. Please submit the cumulative impact assessment.
§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 8.1.5.2.3 Page 8.1-48 & Table 8.1-24	Yes	
§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;	Appendix 8.1E Page 8.1E-2	No	Please provide a detailed description of the proposed mitigation, 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.
§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 8.1.5.3 Page 8.1-54 Section 8.1, pages 8.1-41 through 8.1-56. Section 8.6, pages 8.6-6 through 8.6-9. Appendix 8.6-C	Yes	

Adequacy Issue: Adequate ____ Inadequate X

DATA ADEQUACY WORKSHEET
(Six Month Expedited Process)

Revision No. 0 Date March 30, 2006

Technical Area: **6-Month Master Document** Project: Vernon Power Plant Technical Staff: J. W. Reede

Project Manager: James W. Reede, Jr., Ed.D Docket: 06-AFC-1 Technical Senior: E. Allen

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);	Appendix 8.14A	No	Please provide a completed copy of the Application for Permit for Industrial Wastewater Discharge submitted to the Sanitation Districts of Los Angeles County
§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;	Biological Surveys: Sec. 8.2.3.7 (pg. 8.2-16)	Yes	
§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 5.12	Yes	

Adequacy Issue: Adequate ___ Inadequate X

DATA ADEQUACY WORKSHEET
(Six Month Expedited Process)

Revision No. 0 Date March 30, 2006

Technical Area: **6-Month Master Document** Project: Vernon Power Plant Technical Staff: J. W. Reede

Project Manager: James W. Reede, Jr., Ed.D Docket: 06-AFC-1 Technical Senior: E. Allen

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
§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 within1000 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 8.5	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 8.5, Table 8.5-3	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 March 30, 2006

Technical Area: **6-Month Master Document** Project: Vernon Power Plant Technical Staff: J. W. Reede

Project Manager: James W. Reede, Jr., Ed.D Docket: 06-AFC-1 Technical Senior: E. Allen

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	Transmission Interconnection System Impact Study Report, Appendix 5A Section 5.2, Pages 5-3 to 5-7.	No	In order to identify required downstream transmission facilities and to demonstrate conformance or non-conformance with the NERC/WSCC, and/or Utility planning standards and reliability criteria, please provide the following with respect to the System Impact Study for the nominal 610 MW Vernon Power Plant (VPP): a. List all major study assumptions in the base cases including imports and exports to the system, major Path flows (such as EOR, SCIT, Path 15 or 26 etc.), major generations including queue generation projects and hydro, loads in the area systems. b. Identify the reliability and planning criteria utilized to determine the reliability criteria violations in the area systems. c. For the Power Flow analysis with each base case for N-0, N-1 and critical N-2 contingency conditions, provide a list of overload criteria violations in the LADWP area and non-LADWP areas in one table showing the loadings and ratings of the overloaded lines or equipment before and after adding the new generation and their differences side by side. Identify the pre-project existing overloads, post-project new overloads and incremental overloads. d. Analyze Post-transient voltage conditions (such as Governor Power flow) under critical N-1 and N-2 contingencies, and if there are any violations, provide a list of voltage criteria violations in one table . e. If the study identifies criteria violations, list all utility approved mitigation measures considered and the selected mitigation for all criteria violations. f. Provide power flow diagrams (showing MVA, % loading & P. U. voltage) for base cases with and without the VPP project. Power flow diagrams must also be provided for all N-0, N-1 and N-2 studies where overloads or voltage violations occur. g. Provide electronic copies of *.sav and *.drw, *.dyd and *.swt GE PSLF files and EPCL contingency and comparison files in a CD (if available).

Adequacy Issue: Adequate ___ Inadequate **X**

DATA ADEQUACY WORKSHEET

(Six Month Expedited Process)

Revision No. 0 Date March 30, 2006

Technical Area: **6-Month Master Document** Project: Vernon Power Plant Technical Staff: J. W. Reede

Project Manager: James W. Reede, Jr., Ed.D Docket: 06-AFC-1 Technical Senior: E. Allen

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) (Continued)	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 10.5, Pages 10-4 to 10-5. Transmission Interconnection System Impact Study report, Appendix 5A.	No	List all downstream adverse impacts and mitigation measures (such as new lines or modifications or control provisions or any other) considered and selected. Forward reports or letters from transmission owners including LADWP and Southern California Edison showing that the mitigation measures selected in their respective system will be effectively feasible to offset the criteria violations and be implemented timely before the on line date of the project.
§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;	Section 5.3, Pages 5-5 to 5-7. Section 5.2.2.2 Pages 5-4 to 5-5. Transmission Interconnection System Impact Study, Appendix 5A .	No	Appendix 5A provides a preliminary study of transmission impacts which indicates several overloads (including one that could require changes to Southern California Edison facilities) will require mitigation. Where the study indicates more than one mitigation alternative indicate which alternative is selected and provide evidence that the mitigation is accepted by the transmission owner. Provide a full description of the selected (and accepted) facilities including a description of the environmental setting and environmental impacts.
§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:			

Adequacy Issue: Adequate ____ Inadequate X

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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)(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;	Appendix 8.8A	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	Appendix 8.8A Figures 8.8-1, and 8.8-2.	No	The AFC provides distribution maps of the minority and poverty-level population within a six-mile radius of the proposed site, but it does not include maps identifying the location of significant pollution sources. Please provide a consolidated map(s) identifying the location of significant pollution generating sources (along with the distribution of minority and poverty-level populations) within a six-mile radius of the proposed site at a scale of 1:24,000.
§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;	Appendix 8.6B	Yes	
§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	Page 1-4, Section 1.4	Yes	
§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.	Appendix 8.14A	Yes	