

Memorandum

Date : February 29, 2000
Telephone: ATSS ()
(916) 654-4996

To : William J. Keese, Chairman
Michal C. Moore
Robert A. Laurie
Robert Pernel

File:

From : California Energy Commission - Kent Smith
1516 Ninth Street Acting Executive Director
Sacramento, CA 95814-5512

Subject : **DATA ADEQUACY RECOMMENDATION FOR THE MOUNTAINVIEW POWER PLANT PROJECT - (00-AFC-2)**

The staff has completed its data adequacy review of the AFC submitted on February 1, 2000. I have determined that the AFC does not contain all the information required by Cal. Code of Regs., tit. 20, § 1704, Appendix B. Attachment A contains an overview of whether each technical discipline evaluated is adequate or inadequate. Attachment B contains staff's detailed data adequacy worksheets that describe staff's findings for each information requirement. We expect to receive a letter on or about March 9, 2000 from the South Coast Air Quality Management District documenting their completeness review and findings.

At the Energy Commission's business meeting on March 15, 2000, I will be recommending 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., tit. 20, § 1709 (c), if the Energy Commission accepts my recommendation, the Energy Commission shall indicate, in writing, those parts of the AFC which fail to meet the information requirements and the manner in which it can be made complete. Additionally, while the Applicant should consider a timely response to all of the data inadequacies important, staff has expressed concern that the inadequacies of Air Quality, Water Resources and Paleontological Resources may considerably delay the preparation of a supplement. Furthermore, I recommend that the Commission require the applicant to provide 125 copies of a complete supplement and a statement verifying that the supplement is complete and contains the data that addresses all of the identified data deficiencies.

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

KS:JR:jr

Attachments

cc: Emilio E. Varanini, III

**ATTACHMENT A
OVERVIEW OF ENERGY COMMISSION STAFF'S
DATA ADEQUACY DETERMINATION
MOUNTAINVIEW POWER PLANT PROJECT
00-AFC-2**

TECHNICAL AREA	ATTACHMENT B PAGE NO.	ADEQUATE?
Air Quality	1	No
Alternatives	5	Yes
Biological Resources	6	No
Cultural Resources	10	No
Efficiency	13	Yes
Facility Design	15	No
Geological Hazards	18	Yes
Hazardous Materials Handling	20	Yes
Land Use	22	Yes
Noise	25	No
Paleontological Resources	28	No
Project Overview	31	No
Public Health	34	Yes
Reliability	36	Yes
Socioeconomics	38	No
Soils	41	Yes
Traffic and Transportation	43	No
T-Line Safety and Nuisance.	46	No
Transmission System Eng.	48	No
Visual Resources	50	No
Waste Management	53	Yes
Water Resources	56	No
Worker Safety	62	No

ATTACHMENT B

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

**MOUNTAINVIEW POWER PLANT PROJECT
00-AFC-2**

February 29, 2000

Adequacy Issue: Adequate _____ Inadequate X
 Technical Area: Air Quality
 Project Manager: James Reede

DATA ADEQUACY WORKSHEET

Project: Mountainview
 Docket: 00-AFC-2

Revision No. 1 Date February 18, 2000
 Technical Staff: Gabriel D. Behymer
 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.	6.8.1 (pg. 6.8-1), 6.8.3.1.6 (pg. 6.8-57), & 6.8.6.2 (pg. 6.8-65)	Yes	
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	Please provide a "Letter of Completeness" from SCAQMD.
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.	2.4 (pg. 2-13), Table 2.2-1 (pg. 2-3), Table 6.8-29 (pg. 6.8-68), & Appendix G6	Yes	
Appendix B (g) (8) (C)	A description of the control technologies proposed to limit the emission of criteria pollutants.	Appendix G6	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.	2.2.3.6 (pg. 2-9), Table 2.2-1 (pg. 2-6), Table 2.8-1 (pg. 2-27), & Appendix G3	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.	2.2.4 (pg. 2-30), Table 2.8-2 (pg. 2-31), Table 6.8-35 (pg. 6.8-72), Table 6.8-36 (pg. 6.8-73), & Appendix G3	Yes	
Appendix B (g) (8) (F)	A description of typical operational modes, and start-up and shutdown modes for the proposed project, including the estimated frequency of occurrence and duration of each mode, and estimated emission rate for each criteria pollutant during each mode.	6.8.3.2.3.1 (pg. 6.8-71) Table 6.8-32 (pg. 6.8-70)	Yes	

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SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (8) (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.	6.8.1.4 (pg. 6.8-10)	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.	6.8.3.2.4.1 (pg. 6.8-77), & Data provided on CD-ROM	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.)	N/A	N/A	N/A
Appendix B (g) (8) (H) (ii)	The data shall include quarterly wind tables and wind roses, ambient temperatures, relative humidity, stability and mixing heights, upper atmospheric air data, and an analysis of whether this data is representative of conditions at the project site.	6.8.1.2 (pg. 6.8-2), & Appendix G1	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
 Technical Area: Air Quality
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SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (8) (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;	6.8.3.1 (pg. 6.8-55), & Table 6.8-26 (pg. 6.8-63)	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	6.8.3.2.4 (pg. 6.8-73), Table 6.8-39 (pg. 6.8-85), Table 6.8-41 (pg. 6.8-88), & Appendix G6	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.	Appendix G7	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;	Table 6.8-50 (pg. 6.8-103)	Yes	
Appendix B (g) (8) (J) (ii)	Potential offset sources, including location, and quantity of emission reductions; and	Confidential Submittal	Yes	

Adequacy Issue: Adequate _____ Inadequate X
 Technical Area: Air Quality
 Project Manager: James Reede

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SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (8) (J) (iii)	Method of emission reduction.	Confidential Submittal	Yes	
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.	USGS Maps provided.	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;	6.8.2 (pg. 6.8-27), & Table 6.8-16 (pg. 6.8-[44-53])	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 6.8-15 (pg. 6.8-43)	Yes	
Appendix B (h) (2)	A discussion of the conformity of the project with the requirements listed in subsection (h)(1)(A).	6.8.3.2.7 (pg. 6.8-97), & Table 6.8-16 (pg. 6.8-97)	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 6.8-15 (pg. 6.8-43)	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 6.8-16 (pg. 6.8-97)	Yes	

Adequacy Issue: Adequate Inadequate

DATA ADEQUACY WORKSHEET

Revision No. 0 Date 2/14/00

Technical Area: Alternatives

Project: MOUNTAINVIEW

Technical Staff: REEDE

Project Manager: REEDE

Docket: 00-AFC-2

Technical Senior: JOHNSON

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.	SECTION 5, PAGES 5-1 through 5-3	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.	SECTION 5, PAGES 5-1 through 5-3	YES	
Appendix B (f) (2)	An evaluation of the comparative engineering, economic, and environmental merits of the alternatives discussed in subsection (f)(1).	SECTION 5, PAGES 5-1 Through 5-10	YES	

Adequacy Issue: Adequate _____ Inadequate x

DATA ADEQUACY WORKSHEET

Revision No. 1 Date 2/29/00

Technical Area: Biological Resources

Project: Mountainview

Technical Staff: Rick York

Project Manager: _____

Docket: 00-AFC-1

Technical Senior: Jim Brownell

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. 6.13.1, pgs. 6.13-1 to 6.13-39. Impacts discussion: Sec. 6.13.3, pgs. 6.13-43 to 6.13-48. Proposed mitigation measures and monitoring plan: Sec. 6.13.4, pgs. 6.13-48 to 6.13-50.	Yes Yes Yes	
Appendix B (g) (13) (A)	A regional overview and discussion of biological resources, with particular attention to sensitive biological resources near the project, and a map at a scale of 1:100,000 (or some other suitable scale) showing their location in relation to the project.	Regional overview: Sec. 6.13.1.1, pgs. 6.13-1, 6.13-2. Sensitive species: Sec. 6.13.1.3, pgs. 6.13-18 to 6.13-39, Table 6.13-2. Suitable maps: Figures 6.13-3 to 6.13-6.	Yes Yes Yes	
Appendix B (g) (13) (B)	A discussion and detailed maps at a scale of 1:6,000, of the biological resources at the site of the proposed project and related facilities, and in areas adjacent to them, out to a mile from the site and 1000 feet from the outer edge of linear facility corridors. Include a list of the species actually observed and those with a potential to occur. The discussion and maps shall address the distribution of community types, denning or nesting sites, population concentrations, migration corridors, breeding habitats, and the presence of sensitive biological resources.	Detailed maps: Figures 6.13-3 to 6.13-6, pgs. 6.13-16 to 6.13-20. Species lists: Table 6.13-1, pgs. 6.13-6 to 6.13-11. Vegetation types maps: Figures 6.13-3 to 6.13-6, pgs. 6.13-16 to 6.13-20.	Yes Yes Yes	

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
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.	Study descriptions: Appendix H CNDDDB field survey forms: Appendix H Names/qualifications of study participants: Appendix H	Yes Yes Yes	
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.	Permanent and temporary impacts discussions: Sec. 6.13.3.1, pgs. 6.13-43 to 6.13-45. Cooling tower drift impacts discussion: Sec. 6.13.3.2.1, pgs. 6.13-46, 6.13-47.	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;	Impact avoidance measures: Sec. 6.13.4, pgs. 6.13-48 to 6.13-50.	Yes	
Appendix B (g) (13) (E) (ii)	All measures proposed to mitigate any adverse impacts, including any proposals for off-site mitigation; and	Adverse impacts measures: Sec. 6.13.4, pgs. 6.13-48 to 6.13-50.	Yes	
Appendix B (g) (13) (E) (iii)	Any educational programs proposed to enhance employee awareness in order to protect biological resources.	Employee educational programs:	Yes	

Adequacy Issue: Adequate _____ Inadequate x

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Project: Mountainview

Technical Staff: Rick York

Project Manager: _____

Docket: 00-AFC-1

Technical Senior: Jim Brownell

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.	Compliance monitoring programs: No compliance and monitoring information provided	No	A compliance monitoring program will be needed to document the effectiveness of required mitigation. Please provide general information about how mitigation effectiveness will be monitored.
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 native fish and wildlife discussion: Appendix H	Yes	
Appendix B (g) (13) (H)	For purposes of this section, sensitive biological resources are one of the following:	-	-	-
Appendix B (g) (13) (H) (i)	Species listed under state or federal Endangered Species Acts;	State or federally listed species: Sec. 6.13.1.3, pgs. 6.13-18 to 6.13-39, Table 6.13-2.	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	Areas and species of special concern: Sec. 6.13.1.2, pgs. 6.13-2 to 6.13-39.	Yes	
Appendix B (g) (13) (H) (iii)	Species or habitats identified by legislative acts as requiring protection.	Species or habitats identified as needing protection by legislative acts: Sec. 6.13.1.2, pgs. 6.13-2 to 6.13-39.	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 tables: Table 6.13-3, pgs. 6.13-41, 6.13-42.	Yes	

Adequacy Issue: Adequate _____ Inadequate x

DATA ADEQUACY WORKSHEET

Revision No. 1 Date 2/29/00

Technical Area: Biological Resources

Project: Mountainview

Technical Staff: Rick York

Project Manager: _____

Docket: 00-AFC-1

Technical Senior: Jim Brownell

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.	Agency table: Table 6.13-4, pg. 6.13-42.	Yes	
Appendix B (h) (2)	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.	Agency contacts: Table 6.13-4, pg. 6.13-42, pg. 6.13-42.	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: No schedule information provided.	No	It is uncertain at this time whether this project will need a federal Biological Opinion and/or a state Incidental Take Permit. In addition, the project may need a federal Clean Water Act (Section 404) permit and/or a state Streambed Alteration Agreement. Please provide a general schedule that identifies all possible permits, etc. that may be necessary to address biological resources.

Adequacy Issue: Adequate _____ Inadequate X

DATA ADEQUACY WORKSHEET

Revision No. 1 Date 2/22/00

Technical Area: Cultural Resources

Project: Mountainview

Technical Staff: Dorothy Torres

Project Manager: James Reede

Docket: 00-AFC-2

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 Vol I, p 6.2-2 AFC Vol I, p 6.2-17 AFC Vol I, p 6.2-17 AFC Vol I, p6.2-17 to p 6.2-19	NO	Please provide a discussion of the expected indirect impacts due to the construction, operation and maintenance of the project. Please provide a discussion of the direct and cumulative impact due to the maintenance of the project.
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.	AFC Vol I 6.2-6-	NO	Please provide a brief summary of the ethnology and prehistory of the region in which the project site and related facilities are located. Please provide a map at a scale of 1:24,000 indicating areas of ethnographic occupation.
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.	AFC Vol I, p 6.2-2 AFC Vol I p 6.2-2 & 6.2-3 AFC Vol I p 6.2-14 & 6.2-15	NO	Please provide the date or dates of surveys for cultural resources. Please provide qualifications (resumes) for all individuals participating in cultural resources surveys.

Adequacy Issue: Adequate _____ Inadequate X

DATA ADEQUACY WORKSHEET

Revision No. 1 Date 2/22/00

Technical Area: Cultural Resources

Project: Mountainview

Technical Staff: Dorothy Torres

Project Manager: James Reede

Docket: 00-AFC-2

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) (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.	AFC Vol I p 6.2-3 AFC Vol I p 6.2-14 to 6.2-17	NO	Page 6.2-11 of the Cultural Resources Section references the Area of Potential Effect (APE). Please define the APE and specify the width of the APE in feet. Please provide current site records for all sites and isolates located within the APE If appropriate, please provide site records and any information describing the location of sites under confidential cover.
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.		NO	Contacts with Native Americans need to be made on behalf of the project. Please contact Native American representatives who wish to be informed regarding construction disturbances in the project vicinity. Please provide a summary of contacts, communication and responses from representatives of the Native American community.
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.	AFC Vol I, p 6.2-18 AFC Vol I, p 6.2-17 AFC Vol I 6.2-18	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 Vol I, p 6.2-12 AFC Vol I, p 6.2-13	YES	

Adequacy Issue: Adequate _____ Inadequate X

DATA ADEQUACY WORKSHEET

Revision No. 1 Date 2/22/00

Technical Area: Cultural Resources

Project: Mountainview

Technical Staff: Dorothy Torres

Project Manager: James Reede

Docket: 00-AFC-2

Technical Senior: Dale Edwards

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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 Vol I, p 6.2-13	YES	
Appendix B (h) (2)	A discussion of the conformity of the project with the requirements listed in subsection (h)(1)(A).	AFC Vol I, p 6.2-18 & 6.2-19	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 6.2-13	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 6.2-13	YES	

Adequacy Issue: Adequate Inadequate

DATA ADEQUACY WORKSHEET

Revision No. 0 Date February 16, 2000

Technical Area: Efficiency

Project: Mountainview Power Plant

Technical Staff: Steve Baker

Project Manager: James Reede

Docket: 00-AFC-2

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, 1.2, 1.3; Table 1.3-1; §§ 1.6, 2.1, 2.2.1; Table 2.2-1; §§ 2.2.3.2, 2.2.3.3, 2.2.3.4, 2.2.3.6, 2.2.4, 2.3, 2.4.1, 2.6, 2.7.6, 2.7.8, 2.9.1, 5.2.1, 5.2.2, 5.2.3, 5.3, 5.3.1, 5.3.2, 6.1	Yes	
Appendix B (i) (4) (A)	Heat and mass balance diagrams for design conditions for each mode of operation.	Table 2.2-1	Yes	
Appendix B (i) (4) (B)	Annual fuel consumption in BTUs for each mode of operation.	Table 2.2-1; § 2.5	Yes	
Appendix B (i) (4) (C)	Annual net electrical energy produced in MWh for each mode of operation.	Table 1.3-1, 2.2-1	Yes	
Appendix B (i) (4) (D)	Number of hours the plant will be operated in each mode of operation in each year.	§§ 1.1, 2.2.4	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.	§§ 1.6, 5.2, 5.3, 5.3.2	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;	N/A	N/A	

Adequacy Issue: Adequate Inadequate

DATA ADEQUACY WORKSHEET

Revision No. 0 Date February 16, 2000

Technical Area: Efficiency

Project: Mountainview Power Plant

Technical Staff: Steve Baker

Project Manager: James Reede

Docket: 00-AFC-2

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 _____ Inadequate X **DATA ADEQUACY WORKSHEET** Revision No. 1 Date February 22, 2000
 Technical Area: Facility Design Project: Mountainview Power Plant Technical Staff: Bob Anderson/Kisabuli
 Project Manager: James Reede Docket: 00-AFC-02 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) (14) (B) (iii)	Water inundation zones, such as the 100-year flood plain and tsunami run-up zones.	Page 9 Appendix E Geological assessment Page 6.14-15; Section 6.4.1.5	Yes	
Appendix B (g) (14) (D) (i)	Precipitation and storm runoff patterns; and	Page 6.14-17, Section 6.14.1.7	Yes	
Appendix B (g) (14) (D) (ii)	Drainage facilities and design criteria.	Page 6.14-17; Section 6.14.1.7	Yes	
Appendix B (g) (14) (E) (ii)	The effects of construction activities and plant operation on water quality; and	See Joe O'Hagan's group		
Appendix B (g) (14) (iii)	The effects of the project on the 100-year flood plain or other water inundation zones.	Page 6.14-17; Section 6.14.1.7	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;	Section 7.0 and Appendix D, pages D1-D33	No	The laws, ordinances, regulations and standards (LORS) provided in Section 7.0 do not include page numbers that identify where conformance with each LORS is discussed. Please provide in tabular or matrix format all the laws, ordinances, regulations and standards applicable to facility design and include in the table or matrix the page number and/or subsection in the AFC wherein conformance with each LORS for facility design is discussed.
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 7.0 and appendix D	No	Appendix D does not identify any specific agencies with jurisdiction to issue permits or approvals or to enforce LORS identified in Section 7. Please provide in tabular or matrix format, all of the agencies with jurisdiction to issue applicable permits and approvals to enforce identified laws, regulations, ordinances, standards and adopted regional, state, local 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 B (h) (2)	A discussion of the conformity of the project with the requirements listed in subsection (h)(1)(A).	Section 7.0 and Appendix D and pages D1-D33	Yes	

Adequacy Issue: Adequate _____ Inadequate X
 Technical Area: Facility Design
 Project Manager: James Reede

DATA ADEQUACY WORKSHEET

Revision No. 1 Date February 22, 2000
 Technical Staff: Bob Anderson/Kisabuli
 Technical Senior: Steve Baker

Project: Mountainview Power Plant
 Docket: 00-AFC-02

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
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.	Section 6.4.2.4 and Table 6.4-9	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.	N/A	N/A	
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.	Section 6.17	Yes	
Appendix B (i) (1) (B)	A discussion of any measures proposed to improve adverse site conditions.	Section 6.17	Yes	
Appendix B (i) (1) (C)	A description of the proposed foundation types, design criteria (including derivation), analytical techniques, assumptions, loading conditions, and loading combinations to be used in the design of facility structures and major mechanical and electrical equipment.	Appendix D	No	Provide 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. Typical foundation types, contemplated for the project, can be provided as part of the description.
Appendix B (i) (1) (D)	For each of the following facilities and/or systems, provide a description including drawings, dimensions, surface-area requirements, typical operating data, and performance and design criteria for protection from impacts due to adverse site conditions:	See below	See below	
Appendix B (i) (1) (D) (i)	The power generation system;	Section 2.2.3.2 and 2.15	Yes	
Appendix B (i) (1) (D) (ii)	The heat dissipation system;	Section 2.2.3.6	Yes	
Appendix B (i) (1) (D) (iii)	The cooling water supply system, and, where applicable, pre-plant treatment procedures;	Section 2.2.3.6	Yes	

Adequacy Issue: Adequate _____ Inadequate X

DATA ADEQUACY WORKSHEET

Revision No. 1 Date February 22, 2000

Technical Area: Facility Design

Project: Mountainview Power Plant

Technical Staff: Bob Anderson/Kisabuli

Project Manager: James Reede

Docket: 00-AFC-02

Technical Senior: Steve Baker

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (i) (1) (D) (iv)	The atmospheric emission control system;	Sections 2.9 and 6.6.8	Yes	
Appendix B (i) (1) (D) (v)	The waste disposal system and on-site disposal sites;	Section 2.8	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	Section 2.14	Yes	
Appendix B (i) (1) (D) (ix)	Other significant facilities, structures, or system components proposed by the applicant.	Sections 1.3, 2.7, and 2.10 through 2.11	Yes	

Adequacy Issue: Adequate Inadequate _____
 Technical Area: **Geological Hazards**
 Project Manager: James Reede

DATA ADEQUACY WORKSHEET

Project: Mountainview Power Plant
 Docket: 00-AFC-02

Revision No. 0 Date 2/14/00
 Technical Staff: Robert Anderson
 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.	Pages 6.17-1 to 6.17-12; Sections 6.17.2 to 6.17.4	Yes	
Appendix B (g) (17) (A)	A summary of the geology, seismicity, and geologic resources of the project site and related facilities;	Pages 6.17-1; Sections 6.17.1.1 to 6.17.1.5	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 6.17.2 Pages 6.17-1 to 6.17-8; Sections 6.17.1.2 to 6.17.1.5	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 6.17-2 Page 6.17-8; Section 6.17.1.5 Appendix "E" Geological Assessment, Pages 9 and 10; Section 6.17.3	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 6.17-2	Yes	

Adequacy Issue: Adequate Inadequate

DATA ADEQUACY WORKSHEET

Revision No. 0 Date 2/14/00

Technical Area: Geological Hazards

Project: Mountainview Power Plant

Technical Staff: Robert Anderson

Project Manager: James Reede

Docket: 00-AFC-02

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.	Table 6.17-3	Yes	
Appendix B (h) (2)	A discussion of the conformity of the project with the requirements listed in subsection (h)(1)(A).	Page 6.17-11; Sections 6.17.3.1 and 6.17.3.2	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 6.17-3	Yes	

Adequacy Issue: Adequate Inadequate
 Technical Area: Hazardous Materials Handling
 Project Manager: Reede and Shaw

DATA ADEQUACY WORKSHEET

Revision No. 0 Date 2/16/00
 Technical Staff: R. Tyler
 Technical Senior: S. Baker

Project: Mountainview Power Plant Project
 Docket: 00-AFC-2

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 6.10	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.	Section 6.10 Table 6.10-1	Yes	
Appendix B (g) (10) (B)	A map at a scale of 1:24,000 depicting the location of schools, hospitals, day-care facilities, emergency response facilities and long-term health care facilities, within the area potentially affected by any release of hazardous materials.	Figure 6.3-2c	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 6.10.1, Table 6.10-1	Yes	
Appendix B (g) (10) (D)	The protocol that will be used in modeling potential consequences of accidental releases that could result in off site impacts. Identify the model(s) to be used, a description of all input assumptions, including meteorological conditions. The results of the modeling analysis can be submitted after the AFC is complete.	Section 6.110.3.2.2	Yes	
Appendix B (g) (10) (E)	A discussion of whether a risk management plan (Health and Safety Code § 25531 et seq.) will be required, and if so, the requirements that will likely be incorporated into the plan.	Section 6.10.2.2.2	Yes	
Appendix B (g) (10) (F)	A discussion of measures proposed to reduce the risk of any release of hazardous materials.	Section 6.10.3.2.3	Yes	
Appendix B (g) (10) (G)	A discussion of the fire and explosion risks associated with the project.	Section 6.10.3.2	Yes	

Adequacy Issue: Adequate Inadequate

DATA ADEQUACY WORKSHEET

Revision No. 0 Date 2/16/00

Technical Area: Hazardous Materials Handling

Project: Mountainview Power Plant Project

Technical Staff: R. Tyler

Project Manager: Reede and Shaw

Docket: 00-AFC-2

Technical Senior: S. Baker

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (h) (1) (A)	Tables which identify laws, regulations, ordinances, standards, adopted local, regional, state, and federal land use plans, and permits applicable to the proposed project, and a discussion of the applicability of each. The table or matrix shall explicitly reference pages in the application wherein conformance, with each law or standard during both construction and operation of the facility is discussed;	Table 6.10-2	Yes	
Appendix B (h) (1) (B)	Tables which identify each agency with jurisdiction to issue applicable permits and approvals or to enforce identified laws, regulations, standards, and adopted local, regional, state and federal land use plans, and agencies which would have permit approval or enforcement authority, but for the exclusive authority of the commission to certify sites and related facilities.	Table 6.10-3	Yes	
Appendix B (h) (2)	A discussion of the conformity of the project with the requirements listed in subsection (h)(1)(A).	Section 6.10.4	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.	Table 6.10-3	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 6.10.2.6	Yes	

Adequacy Issue: Adequate Inadequate

DATA ADEQUACY WORKSHEET

Revision No. 1 Date February 17, 2000

Technical Area: Land Use

Project: Mountainview Power Plant

Technical Staff: David Flores

Project Manager: James Reede

Docket: 00-AFC-2

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. 6.3-23 through 6.3-26 Sections 6.3.3.1, 6.3.3.4 & 6.3.4	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. 6.3-1 through 6.3-9, Table 6.3-3 and Figures 6.3-3a through 6.3-3c	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. 6.3-2 through 6.3-4, Figures 6.3-1a through 6.3-1c, AFC pg.6.3-5 through 9, Figures 6.3-2a through 2c, Table 6.3-1 through 6.3-3	YES	
Appendix B (g) (3) (A) (ii)	A discussion of any trends in recent zoning changes and potential future land use development;	AFC pg. 6.3-5 & 13, Section 6.3.1.2	YES	
Appendix B (g) (3) (A) (iii)	Identification of all discretionary reviews by public agencies initiated or completed within 18 months prior to filing the application for those changes or developments identified in subsection (g)(3)(A)(ii); and	AFC pg. 6.3-5 & 13, Section 6.3.1.2	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.	AFC pg. 6.3-14 through 6.3-16 Figures 6.3-3a through 6.3-3c	YES	

Adequacy Issue: Adequate Inadequate

DATA ADEQUACY WORKSHEET

Revision No. 1 Date February 17, 2000

Technical Area: Land Use

Project: Mountainview Power Plant

Technical Staff: David Flores

Project Manager: James Reede

Docket: 00-AFC-2

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. 6.3-2 through 6.3-4 , Figure 6.3-1a through 1c AFC pg.6.3-5	YES	
Appendix B (g) (15) (B)	A map at a scale of 1:24,000 and written description of agricultural land uses found within all areas affected by the proposed project. The description shall include:	Figure 6.3-1c, AFC pg. 6.3-5	YES	
Appendix B (g) (15) (B) (i)	Crop types, irrigation systems, and any special cultivation practices; and	AFC pg. 6.15-5 through 6.15-9 Section 6.15.1.1 & 6.1.1.2	YES	
Appendix B (g) (15) (B) (ii)	Whether farmland affected by the project is prime, of statewide importance, or unique as defined by the Natural Resource Conservation Service of the California Department of Conservation.	AFC pg. 6.15-1 through 6.15-8, Figures 6.151a through 6.15-1c	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.6.15-5 & 7, Section 6.15.1.1	YES	
Appendix B (g) (15) (C) (ii)	Direct and indirect effects on agricultural land uses; and	AFC pg. 6.15-8 & 9, Section 6.15.1.2, AFC pg. 6.15-13 &14, Section 6.15.3 through 6.15.3.2	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;	AFC pg. 6.3-17 through 6.3-22, Section 6.3.2 through 6.3.2.3, Table 6.3 & 4	YES	

Adequacy Issue: Adequate Inadequate

DATA ADEQUACY WORKSHEET

Revision No. 1 Date February 17, 2000

Technical Area: Land Use

Project: Mountainview Power Plant

Technical Staff: David Flores

Project Manager: James Reede

Docket: 00-AFC-2

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. 6.3-23, Section 6.3-23, Section 6.3.2.5, Table 6.3-6	YES	
Appendix B (h) (2)	A discussion of the conformity of the project with the requirements listed in subsection (h)(1)(A).	AFC pg. 6.3-17 through 6.3-22, Table 6.3-4	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.	AFC pg.6.3-22, Section 6.3.2.4, Table 6.3-5	YES	
Appendix B (h) (4)	A schedule indicating when permits outside the authority of the commission will be obtained and the steps the applicant has taken or plans to take to obtain such permits.	AFC pg.6.3-23, Section 6.3.2.5, Table 6.3-6	YES	

Adequacy Issue: Adequate _____ Inadequate X

DATA ADEQUACY WORKSHEET

Revision No. 00 Date February 16, 2000

Technical Area: Noise

Project: Mountainview Power Plant

Technical Staff: Kisabuli

Project Manager: James Reede

Docket: 00-AFC-02

Technical Senior: Steve Baker

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (1)	...provide a discussion of the existing site conditions, the expected direct, indirect and cumulative impacts due to the construction, operation and maintenance of the project, the measures proposed to mitigate adverse environmental impacts of the project, the effectiveness of the proposed measures, and any monitoring plans proposed to verify the effectiveness of the mitigation.	Section 6.4	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 6.4-1 and Page 6.4.5	No	On a suitable land use map, please show all the sensitive receptors that may be impacted by a noise increase of 5-dB(A) or more during the construction of the linear facilities and the construction and operation of the power plant.
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 6.4.1-2 and Pages 6.4-2 through 6.4-6 Tables 6.4-1, 6.4-2, 6.4-3 and 6.4-4	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.	Section 6.4.3.2.1, Tables 6.4-12 and 6.4-13. Pages 6.4-18 through 6.4-22	No	Please provide a range of the tonal and frequency characteristics of all the major noise sources identified in the application. If the tonal or frequency characteristics will cause an impact to the sensitive receptors, please propose mitigation that will reduce the impact.

Adequacy Issue: Adequate _____ Inadequate X

DATA ADEQUACY WORKSHEET

Revision No. 00 Date February 16, 2000

Technical Area: Noise

Project: Mountainview Power Plant

Technical Staff: Kisabuli

Project Manager: James Reede

Docket: 00-AFC-02

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.	Sections 6.4.3.1 and 6.4.3.2. Tables 6.4.10, 6.4.11, 6.4-12 and 6.4-13	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.	Sections 6.4.3.1.1 and 6.4.3.2.5. Tables 6.4.10 and 6.4-11	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.			
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 6.4.8	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 6.4.9	Yes	
Appendix B (h) (2)	A discussion of the conformity of the project with the requirements listed in subsection (h)(1)(A).	Section 6.4.3.2.1	Yes	

Adequacy Issue: Adequate _____ Inadequate X

DATA ADEQUACY WORKSHEET

Revision No. 00 Date February 16, 2000

Technical Area: Noise

Project: Mountainview Power Plant

Technical Staff: Kisabuli

Project Manager: James Reede

Docket: 00-AFC-02

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) (3)	The name, title, telephone number, and address, if known, of an official within each agency who will serve as a contact person for the agency.	Table 6.4.9	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.	N/A	N/A	

Adequacy Issue: Adequate _____ Inadequate **X**

DATA ADEQUACY WORKSHEET

Revision No. 0 Date 2/14/00

Technical Area: Paleontological Resources

Project: Mountainview Power Plant

Technical Staff: Robert Anderson

Project Manager: James Reede

Docket: 00-AFC-02

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.	Pages 6.16-1 to 6.16-16; Section 6.16.1 to 6.16.4.3	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.	Page 6.17-1; Section 6.17.1.1 Pages 6.16-3 to 6.16-9; Section 6.16.1.2	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.	Pages 6.16-2 to 6.16-9; Sections 6.16.1.1 to 6.16.1.2	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.	Pages 6.16-3 to 6.16-9; Section 6.16.1.2	No	No paleontological resources field survey was conducted. Please conduct a paleontological resources field survey for the project site and linear facilities. Identify the dates of the survey.
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.	Not found	No	Please submit information on the specific location of known paleontologic resources, survey reports, locality records, and maps at a scale of 1:24,000. The information 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.

Adequacy Issue: Adequate _____ Inadequate **X**

DATA ADEQUACY WORKSHEET

Revision No. 0 Date 2/14/00

Technical Area: Paleontological Resources

Project: Mountainview Power Plant

Technical Staff: Robert Anderson

Project Manager: James Reede

Docket: 00-AFC-02

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.	Page 6.16-15; Section 6.16.4.1	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 6.16-2	Yes	
Appendix B (h) (1) (B)	Tables which identify each agency with jurisdiction to issue applicable permits and approvals or to enforce identified laws, regulations, standards, and adopted local, regional, state and federal land use plans, and agencies which would have permit approval or enforcement authority, but for the exclusive authority of the commission to certify sites and related facilities.	Not found	No	Please provide a table that identifies each agency with laws, regulations, ordinances and standards listed in Table 6.16-2.
Appendix B (h) (2)	A discussion of the conformity of the project with the requirements listed in subsection (h)(1)(A).	Pages 6.16-10 and 11; Section 6.16.2 to 6.16.2.4	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.	Not found	No	Please contact the building department of the County of san Bernardino. It is staff's understanding that there is a County requirement for the assessment of paleontological resources should they be encountered. Ms. Kathleen Springer of the San Bernardino County Museum of Natural History should be of some assistance regarding this matter.

Adequacy Issue: Adequate _____ Inadequate **X**

DATA ADEQUACY WORKSHEET

Revision No. 0 Date 2/14/00

Technical Area: Paleontological Resources

Project: Mountainview Power Plant

Technical Staff: Robert Anderson

Project Manager: James Reede

Docket: 00-AFC-02

Technical Senior: Steve Baker

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (h) (4)	A schedule indicating when permits outside the authority of the commission will be obtained and the steps the applicant has taken or plans to take to obtain such permits.	Page 6.16-11; Section 6.16.2.5	Not Applicable	

Adequacy Issue: Adequate _____ Inadequate **X**

DATA ADEQUACY WORKSHEET

Revision No. 0 Date 2/14/00

Technical Area: Project Overview

Project: MOUNTAINVIEW

Technical Staff: REEDE

Docket: 00-AFC-2

Technical Senior: JOHNSON

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Cal. Code Regs., tit. 20, § 1704, (a) (3) (A)	Descriptions of all significant assumptions, methodologies, and computational methods used in arriving at conclusions in the document.	Throughout the AFC	YES	
Cal. Code Regs., tit. 20, § 1704, (a) (3) (B)	Descriptions, including methodologies and findings, of all major studies or research efforts undertaken and relied upon to provide information for the document; and a description of ongoing research of significance to the project (including expected completion dates; and	Throughout the AFC	YES	
Cal. Code Regs., tit. 20, § 1704, (a) (3) (C)	A list of all literature relied upon or referenced in the documents, along with brief discussions of the relevance of each such reference	Throughout the AFC	YES	
Cal. Code Regs., tit. 20, § 1704, (a) (4)	Each principal subject area covered in a notice or application shall be set forth in a separate chapter or section, each of which shall identify the person or persons responsible for its preparation.	APPENDIX 'C'	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 1.3 PGS 1-5 through 1-8	NO	Applicant has not identified a preferred water source nor discharge option. Please provide detailed information regarding preferred sources in accordance with the requirements of Appendix B, (g) (14) (A) (I) and (g) (14) (C)(ii)
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.	EXECUTIVE SUMMARY PAGE 1-1	YES	
Appendix B (a) (1) (C)	A description of and maps depicting the region, the vicinity, and the site and its immediate surroundings.	EXECUTIVE SUMMARY PAGE 1-1, FIGURE 1.1-1	YES	
Appendix B (a) (1) (D)	A full-page color photographic reproduction depicting the visual appearance of the site prior to construction, and a full-page color simulation or artist's rendering of the site and all project components at the site, after construction.	EXECUTIVE SUMMARY PAGE 1-1, FIGURE 1.1-2 & 1.1-3	YES	

Adequacy Issue: Adequate _____ Inadequate **X**

DATA ADEQUACY WORKSHEET

Revision No. 0 Date 2/14/00

Technical Area: Project Overview

Project: MOUNTAINVIEW

Technical Staff: REEDE

Docket: 00-AFC-2

Technical Senior: JOHNSON

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 'A'	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 1.4, PG 1-8 SECTION 2.15.1, PG 2-71 FIGURE 2.15-1, PG 2-72	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.	SECTION 1.5, PG 1-8 & 1-12	YES	
Appendix B (a) (3) (B)	A list of all owners and operators of the proposed electric transmission facilities.	SECTION 1.1, PG 1-1	YES	
Appendix B (a) (3) (C)	A description of the legal relationship between the applicant and each of the persons or entities specified in subsections (a)(3)(A) and (B).	SECTION 1.5, PG 1-8 & 1-12, SECTION 1.1, PG 1-1, SECTION 2.1, PG 2-1	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;	SECTION 1.3, PG 1-8 FIGURES 1.1-4 a, b, c, PGS 1-9 through 1-11	YES	
Appendix B (b) (1) (B)	Scale plan and elevation drawings depicting the relative size and location of the power plant and all related facilities;	SECTION 2.15 FIGURES 2.15-3 through 2.15-8	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 PGS 2-1 through 2-82	YES	

Adequacy Issue: Adequate _____ Inadequate X

DATA ADEQUACY WORKSHEET

Revision No. 0 Date 2/14/00

Technical Area: Project Overview

Project: MOUNTAINVIEW

Technical Staff: REEDE

Docket: 00-AFC-2

Technical Senior: JOHNSON

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).	N/A	N/A	No additional transmission lines are proposed. The project will use the 230KV lines at the existing San Bernardino substation, which is adjacent to the site.
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.	Page 1-3, Figure 1.1-2 Page 1-4, Figure 1.1-3	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.	SECTION 3.0 PGS 3-1 through 3-5	YES	
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	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	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 PGS 4-1 & 4-2	YES	

Adequacy Issue: Adequate Inadequate

DATA ADEQUACY WORKSHEET

Revision No.0

Date Feb 15, 2000

Technical Area: Public Health
 Project Manager: James Reede

Project: Mountain View
 Docket: 00-AFC-2

Technical Staff: Obed Odoemelam
 Technical Senior: Greg Newhouse

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 6.8, pages 6.8-1, 6.8-57,through 6.8-73. Section 6.9, Pages 6.9-1, 6.9-12 and 6.9-16. Section 6.10, page 6.10-4	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 6.9, pages 6.9-7 through 6.9-10.	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 6.8, pages 6.8-72 through 6.8-83. Section 6.9, pages 6.9-10 and 6.9-11.	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 6.9, page 6.9-2	Yes	
Appendix B (g) (9) (D)	A map at a scale of 1:24,000, showing the distribution of population and sensitive receptors within the area exposed to the substances identified in subsection (g)(9)(A).	Section 6.3, page 6.3-8	Yes	

Adequacy Issue: Adequate Inadequate

DATA ADEQUACY WORKSHEET

Revision No.0

Date Feb 15, 2000

Technical Area: Public Health
 Project Manager: James Reede

Project: Mountain View
 Docket: 00-AFC-2

Technical Staff: Obed Odoemelam
 Technical Senior: Greg Newhouse

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 6.9, pages 6.9-4 and 6.9-5	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 6.9, pages 6.9-4 and 6.9-5.	Yes	
Appendix B (h) (2)	A discussion of the conformity of the project with the requirements listed in subsection (h)(1)(A).	Section 6.9, page 6.9-12.	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 6.9, page 6.9-5.	Yes	
Appendix B (h) (4)	A schedule indicating when permits outside the authority of the commission will be obtained and the steps the applicant has taken or plans to take to obtain such permits.	Section 6.9, page 6.9-5	Yes	

Adequacy Issue: Adequate Inadequate _____
 Technical Area: Reliability
 Project Manager: James Reede

DATA ADEQUACY WORKSHEET

Revision No. 0 Date February 16, 2000
 Technical Staff: Steve Baker
 Technical Senior: Steve Baker

Project: Mountainview Power Plant
 Docket: 00-AFC-2

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, 1.2, 1.3, 2.1, 2.2.1, 2.2.3.1, 2.2.3.2, 2.2.3.3, 2.2.3.4, 2.2.3.6, 2.2.4, 2.3, 2.3.1, 2.3.2, 2.4.1; Fig. 2.3-1; §§ 2.4.2, 2.4.3; Table 2.4-1; §§ 2.5, 2.7.6, 2.7.8, 2.9.1, 2.10.4, 2.10.5, 2.10.8, 2.10.11, 2.10.12, 2.11.1, 2.11.2, 2.12, 2.12.1, 2.13.2, 4.2, 5.2.3, 5.3, 5.3.1, 4.2.7	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, 2.1, 2.2.3.2, 2.5, 2.11.1	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:	§§ 2.2.3.1, 2.4.3, 4.2	—	
Appendix B (i) (3) (B) (i)	Expected annual and lifetime capacity factors;	§ 2.4.1; Fig. 2.3-1; §§ 2.4.2, 2.4.3	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;	§§ 1.2, 1.3, 2.1, 2.2.1, 2.2.3.3, 2.2.3.4, 2.3, 2.4.1, 2.4.3, 2.9.1	Yes	
Appendix B (i) (3) (B) (iii)	Geologic and flood hazards, meteorologic conditions and climatic extremes, and cooling water availability;	§§ 1.3, 2.2.1, 2.3.1, 2.7.8, 2.11.2, 2.12, 2.12.1, 2.13.2, 5.2.3; Chapter 6.17; Appendix E	Yes	
Appendix B (i) (3) (B) (iv)	Special design features adopted by the applicant or resource supplier to ensure power plant reliability; and	§§ 2.1, 2.4.2, 2.4.3; Table 2.4-1; §§ 2.7.8, 2.10.4, 2.10.5, 2.10.8, 2.12.1	Yes	
Appendix B (i) (3) (B) (v)	The expected power plant maturation period.	§ 2.3.2; Fig. 2.3-1	Yes	

Adequacy Issue: Adequate Inadequate

DATA ADEQUACY WORKSHEET

Revision No. 0 Date February 16, 2000

Technical Area: Reliability

Project: Mountainview Power Plant

Technical Staff: Steve Baker

Project Manager: James Reede

Docket: 00-AFC-2

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;	N/A	N/A	
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 February 23, 2000

Technical Area: Socioeconomics

Project: Mountainview

Technical Staff: Jim Adams

Project Manager: James Reede

Docket: 00-AFC-2

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 Pgs. 1-1 & 1-2 Pg. 1-13, Pgs. 2-70 to 2-74 Figure 2.15-1 on Pg. 2-72 Table 2.15-1 on Pg. 2-74 Pgs. 6.7-1 to 6.7-15	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:	Pgs. 6.7-1 to 6.7-8	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;	Pgs. 6.7-1 to 6.7-5 Pgs. 6.7-13 & 6.7-14	Yes	
Appendix B (g) (7) (A) (ii)	The social characteristics, including population and demographic and community trends;	Pgs. 6.7-1 and 6.7-2 Pgs. 6.7-7 & 6.7-8	Yes	
Appendix B (g) (7) (A) (iii)	Existing and projected unemployment rates;	Pgs. 6.7-2 to 6.7-4	Yes	
Appendix B (g) (7) (A) (iv)	Availability of skilled workers by craft required for construction and operation of the project;	Pgs. 6.7-3 & 6.7-4 Pgs. 6.7-10 to 6.7-13 Table 6.7-7 on Pg. 6.7-11	Yes	
Appendix B (g) (7) (A) (v)	Availability of temporary and permanent housing; and	Pg. 6.7-5	Yes	
Appendix B (g) (7) (A) (vi)	Capacities, existing and expected use levels, and planned expansion of utilities (gas, water and waste) and public services, including fire protection, law enforcement, emergency response, medical facilities, other assessment districts, and school districts. For projects outside metropolitan areas with a population of 500,000 or more, information for each school district shall include current enrollment and yearly expected enrollment by grade level groupings, excluding project-related changes, for the duration of the project construction schedule.	Pgs. 6.7-4 to 6.7-7 Pgs. 6.7-14 & 6.7-15	Yes	

Adequacy Issue: Adequate _____ Inadequate **X**

DATA ADEQUACY WORKSHEET

Revision No. 0 Date February 23, 2000

Technical Area: Socioeconomics

Project: Mountainview

Technical Staff: Jim Adams

Project Manager: James Reede

Docket: 00-AFC-2

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)	A discussion of the socioeconomic impacts caused by the construction and operation of the project, including:	Pgs. 6.7-10 to 6.7-15	Yes	
Appendix B (g) (7) (B) (i)	The number of workers to be employed each month by craft during construction and operation;	Pg. 1-13, Pg. 2-71 Table 2.15-1 on Pg. 2-73 Pgs. 6.7-10 to 6.7-13 Table 6.7-7 on Pg. 6.7-11 Table 6.7-8 on Pg. 6.7-12 Table 6.7-9 on Pg. 6.7-13	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;	Pg. 6.7-10 & 6.7-14	Yes	
Appendix B (g) (7) (B) (iii)	An estimate of the potential population increase caused directly and indirectly by the project;	Pgs. 6.7-1 & 6.7-2 Pg. 6.7-15	Yes	
Appendix B (g) (7) (B) (iv)	The potential impact of population increase on housing during the construction and operations phases;	Pg. 6.7-14	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;	Pgs. 6.7-14 & 6.7-15	Yes	
Appendix B (g) (7) (B) (vi)	An estimate of applicable school impact fees;	Pgs. 6.7-4 & 6.7-7 Pg. 6.7-14	No	Provide an estimate of applicable school impact fees during construction and operation.
Appendix B (g) (7) (B) (vii)	An estimate of the total construction payroll and an estimate of the total operation payroll;	Pg. 6.7-13	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	Pg. 6.7-13 & 6.7-14	No	Provide an estimate of locally purchased materials during operation.
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.	Pgs. 6.7-13 & 6.7-14	No	Provide potential impacts on tax revenues from construction.

Adequacy Issue: Adequate _____ Inadequate **X**

DATA ADEQUACY WORKSHEET

Revision No. 0 Date February 23, 2000

Technical Area: Socioeconomics

Project: Mountainview

Technical Staff: Jim Adams

Project Manager: James Reede

Docket: 00-AFC-2

Technical Senior: Dale Edwards

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (h) (1) (A)	Tables which identify laws, regulations, ordinances, standards, adopted local, regional, state, and federal land use plans, and permits applicable to the proposed project, and a discussion of the applicability of each. The table or matrix shall explicitly reference pages in the application wherein conformance, with each law or standard during both construction and operation of the facility is discussed;	Table 6.7-5 on Pg. 6.7-9	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.	Table 6.7-6 on Pg. 6.7-9 Pg. 6.7-10	No	Table 6.7-6 provides only two agency contacts. Expand the table to 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 B (h) (2)	A discussion of the conformity of the project with the requirements listed in subsection (h)(1)(A).	Pg. 6.7-9	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. 6.7-9	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.	Pg. 6.7-10	Yes	

Adequacy Issue: Adequate Inadequate

DATA ADEQUACY WORKSHEET

Revision No. 0 Date February 16, 2000

Technical Area: Soils

Project: Mountain View Power Facility

Technical Staff: Lorraine White

Project Manager: James Reede

Docket: 00-AFC-2

Technical Senior: Jim Brownell

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 6.15, pgs. 6.15-1 to 6.15-16	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:	Section 6.15.1 Figures 6.15-1a-c Section 6.15.1.2, pg. 6.15-8 Section 6.15.3, pgs. 6.15-13 to 6.15-15	Yes	
Appendix B (g) (15) (A) (i)	The depth, texture, permeability, drainage, erosion hazard rating, and land capability class of the soil; and	Section 6.15.1.1, pgs. 6.15-2 to 6.15-8 Tables 6.15-2 and 6.15-3	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.	Pages 6.17-1, 6.17-8 Appendix E, pgs. 2,3, 8 & 9 Appendix I	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:	Section 6.15.3, pgs. 6.15-13 to 6.15-16	Yes	
Appendix B (g) (15) (C) (i)	The quantification of accelerated soil loss due to wind and water erosion;	Table 5.15-2	N/A	
Appendix B (g) (15) (C) (iii)	The effect of power plant emissions on surrounding soil-vegetation systems.	Section 6.15.3.3, pg. 6.15-14	Yes	

Adequacy Issue: Adequate Inadequate

DATA ADEQUACY WORKSHEET

Revision No. 0 Date February 16, 2000

Technical Area: Soils

Project: Mountain View Power Facility

Technical Staff: Lorraine White

Project Manager: James Reede

Docket: 00-AFC-2

Technical Senior: Jim Brownell

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (h) (1) (A)	Tables which identify laws, regulations, ordinances, standards, adopted local, regional, state, and federal land use plans, and permits applicable to the proposed project, and a discussion of the applicability of each. The table or matrix shall explicitly reference pages in the application wherein conformance, with each law or standard during both construction and operation of the facility is discussed;	Table 6.15-4	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.	Table 6.15-5 Section 6.15.2, pgs. 6.15-10 & 11	Yes	
Appendix B (h) (2)	A discussion of the conformity of the project with the requirements listed in subsection (h)(1)(A).	Section 6.15.4, pgs. 6.15-15 & 16	Yes	
Appendix B (h) (3)	The name, title, phone number, and address, if known, of an official within each agency who will serve as a contact person for the agency.	Table 6.15-5	Yes	
Appendix B (h) (4)	A schedule indicating when permits outside the authority of the commission will be obtained and the steps the applicant has taken or plans to take to obtain such permits.	Section 6.15.2.5, pg. 6.15-12	Yes	

Adequacy Issue: Adequate _____ Inadequate X

DATA ADEQUACY WORKSHEET

Revision No. 1 Date 02/22/00

Technical Area: Traffic and Transportation

Project: Mountainview

Technical Staff: James Fore

Project Manager: James Reede

Docket: 00-AFC-2

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 Section 6.5.3.1 Pgs 6.5-17 through 6.5-26 Section 6.5.4 Pgs. 6.5-27 through 6.5-28	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.	Section 6.5.1 Pgs 6.5-1 through 6.5-4 Section 6.5.1.2 Pg. 6.5-4	No	Provide a regional transportation setting, on topographic maps (scale of 1:250,000), identifying the project location and major transportation facilities
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:	Section 6.5.1.1 Pgs. 6.5-1 through 6.5-8 Figure 6.5-1, Figure 6.5-2, Figure 6.5-3, and Figure 6.5-4	No	Provide a map scale 1:24,000 of rail lines in the project area affected by or serving the proposed facility.
Appendix B (g) (5) (B) (i)	Road classification and design capacity;	Table 6.5-1 Pg. 6.5-5	Yes	
Appendix B (g) (5) (B) (ii)	Current daily average and peak traffic counts;	Table 6.5-1 Pg.6.5-5	Yes	
Appendix B (g) (5) (B) (iii)	Current and projected levels of service before project development, during construction, and during project operation;	Section 6.5.3 Pgs. 6.5-19 through 6.5-24 Table 6.5-5	Yes	
Appendix B (g) (5) (B) (iv)	Weight and load limitations;	Section 6.5.1.1 Pg. 6.5-4	No	Provide state and/or local weight and load limits
Appendix B (g) (5) (B) (v)	Estimated percentage of current traffic flows for passenger vehicles and trucks; and	Section 6.5.1.1 Pg. 6.5-4	No	Estimate percentage of current traffic flow for passenger vehicles and trucks by roadway.
Appendix B (g) (5) (B) (vi)	An identification of any road features affecting public safety.	Section 6.5.1.1 Pg. 6.5-9	Yes	

Adequacy Issue: Adequate _____ Inadequate **X**

DATA ADEQUACY WORKSHEET

Revision No. 1 Date 02/22/00

Technical Area: Traffic and Transportation

Project: Mountainview

Technical Staff: James Fore

Project Manager: James Reede

Docket: 00-AFC-2

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) (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.	Section 6.5.1.5 Pg. 6.5-8	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).	Section 6.5.3.1 Pgs. 6.5-17 through 6.5-24	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.	Section 6.10.3.1 Pgs. 6.10-9 through 6.10-11 Section 6.5.3.1.2 Pgs. 6.5-21 through 6.5-24 Section 6.5.3.2.2 Pg. 6.5-25	No	Provide a discussion of the project-related hazardous materials anticipated transportation routes, and any transportation hazards associated with such transport.
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 6.5-2 Pgs. 6.5-13 through 6.5-15	Yes	
Appendix B (h) (1) (B)	Tables which identify each agency with jurisdiction to issue applicable permits and approvals or to enforce identified laws, regulations, standards, and adopted local, regional, state and federal land use plans, and agencies which would have permit approval or enforcement authority, but for the exclusive authority of the commission to certify sites and related facilities.	Section 6.5.2 Pgs. 6.5-9 through 6.5-14 Table 6.5-2	Yes	
Appendix B (h) (2)	A discussion of the conformity of the project with the requirements listed in subsection (h)(1)(A).	Section 6.5.3.2 Pg. 6.5-25	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 6.5.2.4 Pg. 6.5-15 Table 6.5-3	Yes	

Adequacy Issue: Adequate _____ Inadequate X

DATA ADEQUACY WORKSHEET

Revision No. 1 Date 02/22/00

Technical Area: Traffic and Transportation

Project: Mountainview

Technical Staff: James Fore

Project Manager: James Reede

Docket: 00-AFC-2

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) (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 6.5.2.5 Pages 6.5-15 through 6.5-16 Table 6.5-4	Yes	

Adequacy Issue: Adequate Inadequate

DATA ADEQUACY WORKSHEET

Revision No. _____ Date Feb 15, 2000

Technical Area: T-Line Safety and Nuisance.

Project: MountainView

Technical Staff: Obed Odoemelam

Project Manager: James Reede

Docket: 00-AFC-2

Technical Senior: Greg Newhouse

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
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 2.0, pages 2-46, 2-53 through 2-62.	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 2.0, pages 2-64 , 2-66 and 2-71.	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 2.0, pages 2-64 through 2-70.	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 7.0, pages 7-7 and 7-8. Appendix D, page D-22.	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 6.11, page 6.11-1	Yes	

Adequacy Issue: Adequate Inadequate

DATA ADEQUACY WORKSHEET

Revision No. _____ Date Feb 15, 2000

Technical Area: T-Line Safety and Nuisance.

Project: MountainView

Technical Staff: Obed Odoemelam

Project Manager: James Reede

Docket: 00-AFC-2

Technical Senior: Greg Newhouse

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 2.0, pages 2-63 through 2-70	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 6.9, page 6.9-5	Yes	
Appendix B (h) (4)	A schedule indicating when permits outside the authority of the commission will be obtained and the steps the applicant has taken or plans to take to obtain such permits.	NA		

Adequacy Issue: Adequate _____ Inadequate **X**

DATA ADEQUACY WORKSHEET

Revision No. 1 Date 02/22/00

Technical Area: Transmission System Eng.

Project: Mountainview Power Project

Technical Staff: Mark Hesters

Project Manager: James Reede

Docket: 00-AFC-2

Technical Senior: Al McCuen

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.	Pages 1-5 to 1-6 Page 2-46, sect. 2.14.1 Page 2-63 sect. 2.14.3	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.		N/A	
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	Pages 2-46 to 2-65. Appendix F	No	Provide a description of the basic assumptions used in the power flow analysis. For example, assumed power flow on the California-Oregon Intertie, WSCC Path 26 and over the West of River constraint. Provide a description of the conductor used to connect the plant to the San Bernardino substation. Provide a one-line diagram of the San Bernardino substation with the proposed project interconnection.
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.	Pages 1-5 to 1-6 Page 2-46, sect. 2.14.1	Yes	

Adequacy Issue: Adequate _____ Inadequate **X**

DATA ADEQUACY WORKSHEET

Revision No. 1 Date 02/22/00

Technical Area: Transmission System Eng.

Project: Mountainview Power Project

Technical Staff: Mark Hesters

Project Manager: James Reede

Docket: 00-AFC-2

Technical Senior: Al McCuen

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
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.	Pages 2-46 to 2-49	Yes	
Appendix B (h) (1) (A)	Tables which identify laws, regulations, ordinances, standards, adopted local, regional, state, and federal land use plans, and permits applicable to the proposed project, and a discussion of the applicability of each. The table or matrix shall explicitly reference pages in the application wherein conformance, with each law or standard during both construction and operation of the facility is discussed;	Pages 2-53 to 2-62,, sections 2.14.2.1 to 2.14.2.5	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.	Pages 2-53 to 2-62,, sections 2.14.2.1 to 2.14.2.5	Yes	
Appendix B (h) (2)	A discussion of the conformity of the project with the requirements listed in subsection (h)(1)(A).	Pages 2-53 to 2-62,, sections 2.14.2.1 to 2.14.2.5	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.		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	

Adequacy Issue: Adequate _____ Inadequate **X**

DATA ADEQUACY WORKSHEET

Revision No. 1 Date February 23, 2000

Technical Area: Visual Resources

Project: Mountainview Power Plant Project

Technical Staff: Eric Knight

Project Manager: James Reede

Docket: 00-AFC-2

Technical Senior: Dale Edwards

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (1)	...provide a discussion of the existing site conditions, the expected direct, indirect and cumulative impacts due to the construction, operation and maintenance of the project, the measures proposed to mitigate adverse environmental impacts of the project, the effectiveness of the proposed measures, and any monitoring plans proposed to verify the effectiveness of the mitigation.	Page 6.6-3; Section 6.6.1.2 Page 6.6-19; Section 6.6.3.3 Pages 6.6-20 – 6.6-45; Section 6.6.3.4 Page 6.6-45; Section 6.6.3.6 Page 6.6-46; Section 6.6.4	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:	Pages 6.6-1 – 6.6-7; Section 6.6.1.2 Pages 6.6-11 – 6.6-19; Section 6.6.3.2	YES	
Appendix B (g) (6) (A) (i)	Topographic maps at a scale of 1:24,000 of the areas from which the project may be seen, identification of the view areas most sensitive to the potential visual impacts of the project, and the locations where photographs were taken for (g)(6)(E);	Figure 6.6-2	YES	
Appendix B (g) (6) (A) (ii)	Elevations of any existing structures on the site; and	Pages 6.6-20 – 6.6-21; Table 6.6-4 Figure 2.15-5	YES	
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.	Pages 6.6-11 – 6.6-19; Section 6.6.3.2	YES	
Appendix B (g) (6) (B)	An assessment of the visual quality of those areas that will be impacted by the proposed project.	Pages 6.6-11 – 6.6-19; Section 6.6.3.2	YES	

Adequacy Issue: Adequate _____ Inadequate **X**

DATA ADEQUACY WORKSHEET

Revision No. 1 Date February 23, 2000

Technical Area: Visual Resources

Project: Mountainview Power Plant Project

Technical Staff: Eric Knight

Project Manager: James Reede

Docket: 00-AFC-2

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.	Page 6.6-13, 6.6-15, and 6.6-19; Section 6.6.3.2	NO	According to the AFC, residential properties are located to the southwest of the power plant site (Page 6.3-5). Setting Photo #9 appears to have been taken from this location. Please provide the estimated number of residences with views of the site. Please provide the approximate number of users of the Pharoah's Lost Kingdom Amusement Park (Setting Photo #6).
Appendix B (g) (6) (D)	A description of the dimensions, color, and material of each major visible component of the project.	Page 6.6-20; Section 6.6.3.4.1 Pages 6.6-20 – 6.6-21; Table 6.6-4	YES	
Appendix B (g) (6) (E)	Full-page color photographic reproductions of the existing site, and full-page color simulations of the proposed project in the existing setting from each location representative of the view areas most sensitive to the potential visual impacts of the project.	Figure 1.1-2 Figures 6.6-7 – 6.6-10	YES	
Appendix B (g) (6) (F)	An assessment of the visual impacts of the project, including light and glare, and visible plumes.	Page 6.6-20; Section 6.6.3.4.1 Pages 6.6-21 – 6.6-30; Section 6.6.3.4.2 Pages 6.6-31 – 6.6-45; Section 6.6.3.4.3 Page 6.6-45; Section 6.6.3.4.4	YES	

Adequacy Issue: Adequate _____ Inadequate **X**

DATA ADEQUACY WORKSHEET

Revision No. 1 Date February 23, 2000

Technical Area: Visual Resources

Project: Mountainview Power Plant Project

Technical Staff: Eric Knight

Project Manager: James Reede

Docket: 00-AFC-2

Technical Senior: Dale Edwards

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (h) (1) (A)	Tables which identify laws, regulations, ordinances, standards, adopted local, regional, state, and federal land use plans, and permits applicable to the proposed project, and a discussion of the applicability of each. The table or matrix shall explicitly reference pages in the application wherein conformance, with each law or standard during both construction and operation of the facility is discussed;	Page 6.6-8; Table 6.6-1 Page 6.6-9; Section 6.6.2.2	NO	The AFC states that the San Bernardino County Development Code establishes specific development standards for each zoning district, and that the applicant will consult with the County regarding development requirements and permits prior to submittal of development plans (Page 6.6-9). Please identify the specific San Bernardino County development standards related to visual resources and any permits applicable to the project. According to the AFC, the site is in the process of being annexed by the City of Redlands (Page 6.3-5). Please identify specific City of Redlands development standards related to visual resources and any permits that would be applicable to the project.
Appendix B (h) (1) (B)	Tables which identify each agency with jurisdiction to issue applicable permits and approvals or to enforce identified laws, regulations, standards, and adopted local, regional, state and federal land use plans, and agencies which would have permit approval or enforcement authority, but for the exclusive authority of the commission to certify sites and related facilities.	Page 6.6-9; Table 6.6-2	YES	
Appendix B (h) (2)	A discussion of the conformity of the project with the requirements listed in subsection (h)(1)(A).	Page 6.6-20 – 6.6-45; Section 6.6.3.4	NO	Please discuss the project's conformity with the San Bernardino County and City of Redlands development standards requested above.
Appendix B (h) (3)	The name, title, phone number, and address, if known, of an official within each agency who will serve as a contact person for the agency.	Page 6.6-9; Table 6.6-2	YES	
Appendix B (h) (4)	A schedule indicating when permits outside the authority of the commission will be obtained and the steps the applicant has taken or plans to take to obtain such permits.	Page 6.6-9; Section 6.6.2.2	N/A	

Adequacy Issue: Adequate Inadequate

DATA ADEQUACY WORKSHEET

Revision No. 0 Date Feb 15, 2000

Technical Area: Waste Management

Project: Mountainview

Technical Staff: Obed Odoemelam

Project Manager: James Reede

Docket: 00-AFC-2

Technical Senior: Greg Newhouse

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	Section 2.0, pages 2-24, through 2-30, 2-81 and 2-82. Section 6.12, pages 6.12-8, through 6.12-12	Yes	
Appendix B (e) (2)	A discussion of how facility closure will be accomplished in the event of premature or unexpected cessation of operations.	Section 6.12, page 6.12-12	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.	Section 6.12, pages 6.12-1, 6.12-3, through 6.12-5.	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.	Section 6.12-1, 6.12-2, 6.12-3, and Appendix I.	Yes	
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.	Section 6.12, pages 6.12-8, through 6.12-12.	Yes	

Adequacy Issue: Adequate Inadequate

DATA ADEQUACY WORKSHEET

Revision No. 0 Date Feb 15, 2000

Technical Area: Waste Management

Project: Mountainview

Technical Staff: Obed Odoemelam

Project Manager: James Reede

Docket: 00-AFC-2

Technical Senior: Greg Newhouse

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) (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.	Section 6.12, page 6.12-4	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.	Section 6.12, pages 6.12-8 through 6.12-12, pages 6.12-14 and 6.12-5.	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 6.12, page 6.12-6.	Yes	
Appendix B (h) (1) (B)	Tables which identify each agency with jurisdiction to issue applicable permits and approvals or to enforce identified laws, regulations, standards, and adopted local, regional, state and federal land use plans, and agencies which would have permit approval or enforcement authority, but for the exclusive authority of the commission to certify sites and related facilities.	Section 6.12, page 6.12-8	Yes	
Appendix B (h) (2)	A discussion of the conformity of the project with the requirements listed in subsection (h)(1)(A).	Section 6.12, pages 6.12-8 through 6.12-12.	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 6.12, page 6.12-8.	Yes	

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SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (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 6.12, pages 6.12-8, through 6.12-19.	Yes	
Appendix B. (i) (1) (B)	A discussion of any measures proposed to improve adverse site conditions.	Section 6.12, page 6.12-3.	Yes	
Appendix B (i) (1) (D) (v)	The waste disposal system and on-site disposal sites;	Section 6.12, page 6.12-14.	Yes	

Adequacy Issue: Adequate _____ Inadequate x

DATA ADEQUACY WORKSHEET

Revision No. 0 Date February 16, 2000

Technical Area: Water Resources

Project: Mountainview Power Facility

Technical Staff: L. White/J. O'Hagan

Project Manager: James Reede

Docket: 00-AFC-2

Technical Senior: James Brownell

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 6.14, pgs 6.14-1 to 6.14-28 Section 5.2.3, pgs. 5-2 &3 Appendix K	NO	Please provide additional information on the existing facility, including water demand, water source, supply & discharge chemical characteristics, on-site treatment facilities, drainage, storage facilities and permits. Please provide more detailed information on the onsite treatment facilities, in particular, those that will be used to develop potable water for the site and those needed to meet the Title 22 requirements for tertiary treated disinfected cooling tower make-up. Include a discussion of any related permits or approvals that may be required for these facilities. Please provide additional information regarding the Gage Canal Wells No. 56-1 & 46-1. This information should include water quality data of each of the wells, well-specific hydrostratigraphic information and any potential upgrades to these facilities that may be required to serve the project. Please provide more information on the City of Redlands Wastewater Treatment Facility and the Fountain Valley Wastewater Treatment Facility, including treatment capacity, current flows, treatment processes and discharge. Also, provide more information on project specific and cumulative impacts on these wastewater treatment plants. This information should identify any changes to the facilities needed to serve this project, effects on capacity, discharge characteristics, permit limitations, any aquatic impacts, and assumptions used in the analysis. Please provide information on the source of drinking water for the existing and new facility. Please provide information on any monitoring activities needed to ensure that the project will not have adverse impacts on groundwater resources, waste treatment facilities and potential resolution in the event impacts are discovered.
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:			

Adequacy Issue: Adequate _____ Inadequate x

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Technical Senior: James Brownell

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) (A) (i)	Waste Discharge Requirements; and	Table 6.14-3	NO	Since the applicant is considering three possible options for its water supply, please provide information on water quality characteristics for all three supply and discharge scenarios required for the Direct Connection Permit. Please specify which of these options is the preferred water supply. Please provide additional information required to obtain a Direct Connection Permit from the Santa Ana Watershed Project Authority, including the capacity in the SARI line and at the treatment facility that the applicant has secured. If such capacity has not yet been secured, please discuss what is being done to do so.
Appendix B (g) (14) (A) (ii)	a National Pollutant Discharge Elimination System Permit.			Please see water quality information on the following pages.
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:	Section 6.14.1.1 Appendix K, Section 3		
Appendix B (g) (14) (B) (i)	Ground water bodies and related geologic structures;	Section 6.14.1.1 to Section 6.14.1.3, pgs. 6.14-1 to 6.14-14 Appendix K, Section 3.7 Figure 6.14-1 and 2 Ap. Table 1	NO	Figure 6.14-2 is illegible. Please provide a hydrologic cross-section that more clearly shows the site specific hydrostratigraphic units and a detailed description of the hydrologic units (not only the basin wide characterization). Please provide a description and map of the vertical characteristics of contamination plumes in the vicinity of the project.
Appendix B (g) (14) (B) (ii)	Surface water bodies; and	Section 6.14.1.4, pg. 6.14-14 pgs. 6.13-11 to 6.13-18	Yes	
Appendix B (g) (14) (B) (iii)	Water inundation zones, such as the 100-year flood plain and tsunami run-up zones.		See FACILITY DESIGN	
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

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Revision No. 0 Date February 16, 2000

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Technical Staff: L. White/J. O'Hagan

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SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (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;	Pg. 1-5, 2-37, 5-2 Section 2.13, pgs. 2-42 to 2-45 Appendix K, pg. 2/21 to 3/21	NO	Please discuss reasons why the applicant has not considered the use of degraded, shallow groundwater in the middle and upper aquifers in the vicinity of the project. Please provide a description of the use of reclaimed water for the entire project water supply needs. This discussion should include all technical & economic factors (including cost estimates and assumptions) used in the analysis.
Appendix B (g) (14) (C) (ii)	The physical and chemical characteristics of the source and discharge water;	Section 2.8.1, pg. 2-24 Table 2.8-1 Section 6.14.1.2 & 6.14.1.3, pgs. 6.14-6 to 6.14-14 Tables 6.14-1, 6.14-3	NO	Since the applicant is considering three possible options for its water supply, please provide physical and chemical characteristics of the source and discharge water for all three supply and discharge scenarios (only onsite wells, onsite and offsite wells, only onsite wells and reclaimed water). Please clarify if data in Table 6.14-3 includes water from the Gage Canal wells. Please specify which of these options is the preferred water supply. Please provide characteristics of surface runoff proposed to be discharged to the collection pond (see Table 2.15-6).
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	Section 2.13, pg. 2-42 & 2-43 Table 2.13-1 & 2.13-2 Pg. 6.14-22 Appendix K, pg. 2/21	Yes	

Adequacy Issue: Adequate _____ Inadequate **x**
 Technical Area: **Water Resources**
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Revision No. 0 Date February 16, 2000
 Technical Staff: L. White/J. O'Hagan
 Technical Senior: James Brownell

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 Docket: 00-AFC-2

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) (iv)	A description of all facilities to be used in water conveyance, treatment, and discharge. Include a water mass balance diagram.	Section 2.2.3, pg. 2-7 to 2-10 Table 2.4-1, pg. 2-17 Figures 2.8-1, 2.8-2, 6.14-7 & 6.14-8 Section 2.11.2 & 2.11.3, pgs. 2-37 & 2-38 Section 6.14.1.6, pgs. 6.14-15 & 6.14-16	NO	Please provide a description of the discharge collection pond (pg. 2-82) and the stormwater conveyance system to this structure as well as the wastewater handling pit (Fig. 2.15-8). This discussion should include past, present and future uses. On pg. 6.14-24, the applicant states that a third onsite well may be required to supply needed water. Please provide information on this proposed well including location, construction, depth, screening intervals, etc. Please provide a more detailed description of the onsite treatment facilities for potable water. Please provide water mass balance diagrams that reflects only well water use (onsite wells only and onsite and offsite wells). Please provide information on the SARI system, including capacity, water quality requirements, physical characteristics and analysis of potential impacts of this project to the system. Please provide a water mass balance diagram for the use of well water only.
Appendix B (g) (14) (D)	A description of pre-, and post-construction runoff and drainage patterns, including:	Section 2.8.1.2, pg. 2-24 Section 6.14.1.7, pg. 6.14-17		
Appendix B (g) (14) (D) (i)	Precipitation and storm runoff patterns; and		See FACILITY DESIGN	
Appendix B (g) (14) (D) (ii)	Drainage facilities and design criteria.		See FACILITY DESIGN	
Appendix B (g) (14) (E)	An assessment of the effects of the proposed project on water resources. This discussion shall include:			

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
Appendix B (g) (14) (E) (i)	The effects of project demand on the water supply and other users of this source;	Section 6.14.3.4, pg. 6.14-26	NO	Please provide additional information on potential impacts to wells in the vicinity of the project as a result of increased pumping from onsite and offsite wells . Please include in this discussion potential for migration of the contamination plumes, quantification of drawdown in nearby wells and assumptions used to determine impacts. Please provide a description of the potential impact of this proposed project on other water users served by groundwater in the vicinity of the project, including agriculture. The discussion should include assumptions and quantify the impacts of the project on current and forecasted water supplies and treatment capacity. It should also consider current and forecasted effluent demand and supply options being pursued by the City of Redlands Wastewater Treatment Facility.
Appendix B (g) (14) (E) (ii)	The effects of construction activities and plant operation on water quality; and	Sections 6.14.3.1 & 6.14.3.2, pgs. 6.14-22 to 6.14-26	Yes	
Appendix B (g) (14) (iii)	The effects of the project on the 100-year flood plain or other water inundation zones.		See FACILITY DESIGN	
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 6.14-4 pg. 6.14-20	NO	Please amend table to identify requirements for onsite water treatment facilities, Industrial User Permit, the Direct Connection Permit and for increased pumping/new wells in the adjudicated basin. Explicitly reference pages and subsections in the application wherein conformance with each law or standard during both construction and operation of the facility is discussed.

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
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 6.14-4, pgs. 6.14-20 &21	NO	Please amend the table to identify the appropriate agency with jurisdiction to permit on-site treatment facilities and the Watermaster for the adjudicated basin.
Appendix B (h) (2)	A discussion of the conformity of the project with the requirements listed in subsection (h)(1)(A).	Section 6.14.4, pgs. 6.14-26&27	NO	Please provide a discussion of the project's conformity with requirements for onsite treatment facilities, installation of new wells, Industrial User Permit, the Direct Connection Permit, any approvals from the Watermaster that may be required for increased pumping or new withdrawals in the adjudicated basin, and NPDES requirements for point source wastewater discharges.
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 6.14-5, pg. 6.14-21	NO	Please amend the table to identify the appropriate contact for the agency with jurisdiction for on-site treatment facilities.
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 6.14.2.5, pg. 6.14-22	NO	Please provide a discussion of when permits will be obtained for the onsite treatment facilities, Industrial User Permit, the Direct Connection Permit, and, if needed, the additional well.

Adequacy Issue: Adequate _____ Inadequate x

DATA ADEQUACY WORKSHEET

Revision No. 0 Date 2/14/00

Technical Area: Worker Safety

Project: Mountain View

Technical Staff: Strand

Project Manager: James Reede

Docket: 00-AFC-2

Technical Senior: na

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.	P.6.11-1 figs 1.1-4a Through 4C, 2.15-3 P.6.11 - 4 P.6.11 - 9 P.6.11 - 17	Yes	
Appendix B (g) (11) (A)	A description of the safety training programs, which will be, required for construction and operation personnel.	P6.11 - 7 P.6.11 - 13 P.6.11 - 14	Yes	
Appendix B (g) (11) (B)	A complete description of the fuel handling system and the fire suppression system.	Fuel Handling Fire Suppression P.2 - 40, 41	No Yes	A complete description of the fuel handling system. Section 2.3.6 was referenced but not included.
Appendix B (g) (11) (C)	Provide draft outlines of the Construction Health and Safety Program and the Operation Health and Safety Program, as follows:			
	Construction Health and Safety Program: * Injury and Illness Prevention Plan (8 Cal. Code Regs., § 1509);	P.6.11 - 4	Yes	
	* Fire Protection and Prevention Plan (8 Cal. Code Regs., § 1920);	P 6.11-7 & 9		
	* Personal Protective Equipment Program (8 Cal. Code Regs., §§ 1514-1522)	P.6.11-7 table 6.11 - 4		
	Operation Health and Safety Program: * Injury and Illness Prevention Program (8 Cal. Code Regs., § 3203);	P.6.11 - 11 & 12	Yes	
	* Fire Prevention Plan (8 Cal. Code Regs., § 3221);	P.6.11 -14 & 15		
	* Emergency Action Plan (8 Cal. Code Regs., § 3220);	P.6.11 - 14		
* Personal Protective Equipment Program (8 Cal. Code Regs., §§ 3401-3411).	P.6.11 - 15			

Adequacy Issue: Adequate _____ Inadequate **x**

DATA ADEQUACY WORKSHEET

Revision No. 0 Date 2/14/00

Technical Area: Worker Safety

Project: Mountain View

Technical Staff: Strand

Project Manager: James Reede

Docket: 00-AFC-2

Technical Senior: na

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;	P.6.11 – 1 Table 6.11 – 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.	P.6.11 - 3 Table 6.11 - 2	Yes	
Appendix B (h) (2)	A discussion of the conformity of the project with the requirements listed in subsection (h)(1)(A).	P.6.11 – 3 through 6.11 - 16	Yes	
Appendix B (h) (3)	The name, title, phone number, and address, if known, of an official within each agency who will serve as a contact person for the agency.	P.6.11 – 3 Table 6.11 - 2	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.	P.6.11 - 4	Yes	