

Memorandum

Date : March 7, 2000
Telephone: ATSS ()
(916) 654-4996
File: Blythe Energy Project

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

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

Subject : **DATA ADEQUACY 2 FOR THE BLYTHE ENERGY PROJECT 99-AFC-8**

The staff has completed its data adequacy review of the AFC Supplemental filings submitted on February 18, 2000, and March 6, 2000. Representing the findings of staff, I have determined that the AFC and its supplements do 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. The two areas that remain inadequate are Transmission System Engineering, and Water Resources. Attachment B contains staff's detailed data adequacy worksheets which describe staff's findings for each information requirement.

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.

If you have any questions, please call Lance Shaw, staff's Project Manager, at (916) 653-1227.

KS:LS:pro

Attachments

cc: Robert Looper, Summit Engineering
Chuck Fryxell, Mojave Desert Air Quality Management District
Jeff Harvey, Greystone
Nick Chevance, Western Area Power Administration
Marc Joseph, California Unions for Reliable Energy

**ATTACHMENT A
DATA ADEQUACY 2 DETERMINATION
Blythe Energy Project 99-AFC-8**

TECHNICAL AREA	ATTACHMENT B PAGE No.	ADEQUATE?
Air Quality	1	Yes
Biological Resources	6	Yes
Cultural Resources	10	Yes
Geological Hazards	13	Yes
Hazardous Materials Handling	15	Yes
Land Use	17	Yes
Noise	21	Yes
Paleontological Resources	24	Yes
Project Overview	27	Yes
Traffic and Transportation	31	Yes
Trans. Sys. Engin.,	34	No
TL Safety & Nuisance	34	Yes
Visual Resources	38	Yes
Waste Management	41	Yes
Water Resources	44	No
Worker Safety	48	Yes

ATTACHMENT B

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

**Blythe Energy Project
99-AFC-8**

March 8, 2000

Adequacy Issue: Adequate Inadequate
 Technical Area: Air Quality
 Project Manager: Lance Shaw

DATA ADEQUACY WORKSHEET

Revision No. 1 Date 02/29/2000
 Technical Staff: Guido Franco
 Technical Senior: Keith Golden/Chris Tooker

Project: Blythe Energy Project
 Docket: 99-AFC-8

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.	7.7-23 to 24 (7.7.7) 7.7-29 to 34 (7.7.8.3 to 7.7.8.8) 7.7-22 to 23 (7.7.6)	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.	<u>Supplemental Appendix 7.7M (Feb. 2000)</u>	Yes	Letter from the air pollution control district indicating compliance with this requirement
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.	7.7-3 to 7.7.-5 (7.7.4.1 to 7.7.4.3) <u>Supplemental Appendix 7.7J (Feb. 2000)</u>	Yes	We need information on the chemical characteristics of the proposed fuel (elemental analysis and major constituents).
Appendix B (g) (8) (C)	A description of the control technologies proposed to limit the emission of criteria pollutants.	7.7-17 to 7.7-22 (7.7.5)	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.	7.7-21 (7.7.5.3.4.2)	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.	7.7-5 to 7.7.-14 (7.7.4.4)	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.	7.7-4 to 7.7-5 (7.7.4.2) 7.7-5 to 7.7-14 (7.7.4.4)	yes	

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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.	7.7-23 to 7.7.-24 (7.7.7)	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.	Appendix 7.7-F <u>Supplemental Appendix 7.7M (Feb. 2000)</u>	Yes	Please provide a document from the California Air Resources Board or the local air district indicating that the meteorological data is adequate.
Appendix B (g) (8) (H) (i)	If the data is collected from the project site, the applicant shall demonstrate compliance with the requirements of the U.S. Environmental Protection Agency document entitled "On-Site Meteorological Program Guidance for Regulatory Modeling Applications" (EPA - 450/4-87-013 (August 1995), which is incorporated by reference in its entirety.)	NA		
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.	7.7-26 to 7.7-27 (7.7.8.1) <u>Supplemental Appendix 7.7L (Feb. 2000)</u>	Yes	Please provide quarterly wind tables.
Appendix B (g) (8) (I)	An evaluation of the project's direct and cumulative air quality impacts, consisting of the following:			

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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;	7.7-30 to 7.7-34 (7.7.8.5)	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	7.7-30 to 7.7-34 (7.7.8.5)	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.	7.7-29 (7.7.8.3) Appendix 7.7-F	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:		yes	
Appendix B (g) (8) (J) (i)	The quantity of offsets needed;	7.7.-29 (7.7.6.8)	yes	

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Appendix B (g) (8) (J) (ii)	Potential offset sources, including location, and quantity of emission reductions; and	7.7-23 (7.7.6.4) <u>Replacement page 7.7-23 (7.76.4) Confidential January 24, 2000 letter from John Grattan.</u>	Yes	Please provide a list with the names of all the potential sources of offsets showing that these sources are, at least in principle, willing to negotiate the sale of their offsets to be used for this project. Please include information about the location and quantity of emission reductions available for each one of these potential sources.
Appendix B (g) (8) (J) (iii)	Method of emission reduction.	7.7-23 (7.7.6.4) <u>Table 7.7-21 Confidential letter (Feb/ 2000)</u>	Yes	Please provide the method of reduction information for the Bio-Gen ERC and the several sources of unbanked credits listed in Table 7.7-21.
Appendix B (g) (8) (K)	A topographic map containing contour and elevation data, at a scale of 1:24,000, showing the area within 6 miles of the power plant site.	Figure 7.8-1	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;	7.7-35 (7.7.9.1) 7.7-39 to 7.7-40 (7.7.9.1.4)	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.	7.7-35 (7.7.9.1) 7.7-39 to 7.7-40 (7.7.9.1.4)	yes	

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Appendix B (h) (2)	A discussion of the conformity of the project with the requirements listed in subsection (h)(1)(A).	7.7-35 (7.7.9.1) 7.7-39 to 7.7-40 (7.7.9.1.4)	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.	7.7-35 (7.7.9.1)	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.	<u>Replacement page 7.7-35, Section 7.7.9.1.1.1 (Feb. 2000)</u>	Yes	Please provide a schedule as when an application for a Prevention of Significant Deterioration (PSD) permit will be filed to EPA and when it is anticipated that the PSD permit will be obtained.

Adequacy Issue: Adequate Inadequate
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Revision No. 1 Date March 3, 2000
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 Technical Senior: Dr. James Brownell

Project: Blythe Energy Project
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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 7.12-1 --- 7.12-24	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.	Pages 7.12-1 ---- 7.12-17 Page 7.12-34 Figure 7.12-1	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.	Pages 7.12-13 --- 7.12-17	Yes	Figure 7.12-1 is a regional map that does not provide the correct scale of 1:6000. Provide detailed maps of the project site and linear corridors (scale 1:6000 or greater detail) showing vegetation types, sensitive resources, sensitive species observed and potential habitat for sensitive species whether observed or not, and other biological resources. Illustrate project facilities and linear corridor locations on this map or an overlay for this map.

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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.	Pages 7.12-6 --- 7.12-17	Yes	Provide a detailed description of survey techniques/protocols used for each sensitive species of plant and animal and justify the appropriateness of the dates the surveys were conducted for each species.
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.	Pages 7.12-18 --- 7.12-24	Yes	
Appendix B (g) (13) (E)	A discussion of the following:		N/A	
Appendix B (g) (13) (E) (i)	All measures proposed to avoid and/or reduce any adverse impacts;	Pages 7.12-18 --- 7.12-24	Yes	
Appendix B (g) (13) (E) (ii)	All measures proposed to mitigate any adverse impacts, including any proposals for off-site mitigation; and	Pages 7.12-24 & 25	Yes	
Appendix B (g) (13) (E) (iii)	Any educational programs proposed to enhance employee awareness in order to protect biological resources.	Page 7.12-25	Yes	

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Appendix B (g) (13) (F)	A discussion of compliance and monitoring programs proposed to ensure the effectiveness of mitigation measures incorporated into the project.	Page 7.12-24	Yes	No mitigation has been proposed that would require a monitoring program. Mitigation measures discussed in the AFC regard avoidance of sensitive resources. Compliance and monitoring needs will be discussed and developed as needed during the Certification process.
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.	Pages 7.12-1 --- 7.12-17	Yes	
Appendix B (g) (13) (H)	For purposes of this section, sensitive biological resources are one of the following:		N/A	
Appendix B (g) (13) (H) (i)	Species listed under state or federal Endangered Species Acts;	Pages 7.12-6 --- 7.12-17 And 7.12-24 & 25	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	Pages 7.12-6 --- 7.12-17 and 7.12-24 & 25	Yes	
Appendix B (g) (13) (H) (iii)	Species or habitats identified by legislative acts as requiring protection.	Pages 7.12-1 --- 7.12-17	Yes	
Appendix B (h) (1) (A)	Tables which identify laws, regulations, ordinances, standards, adopted local, regional, state, and federal land use plans, and permits applicable to the proposed project, and a discussion of the applicability of each. The table or matrix shall explicitly reference pages in the application wherein conformance, with each law or standard during both construction and operation of the facility is discussed;	Pages 7.12-26 --- 7.12-29	Yes	Provide in the table that lists the LORS, page references or subsection for where in the AFC you have addressed conformance with each LORS.

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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.	Page 3.0-31	Yes	
Appendix B (h) (2)	A discussion of the conformity of the project with the requirements listed in subsection (h)(1)(A).	7.12-29 & 30	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.		Yes	Provide information for the agency contacts that have been made.
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 3.0-31	Yes	

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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.	Setting: AFC 2.2, pg 2.0-1 & 2 AFC Fig 1.0-1 thru 1.0-9; Fig 2.0-1 & 2, 17 & 18. AFC Fig 7.1-1, pg 7.1-11. Appdx 7.1: pg iii & iv; § I, pg 1thru 5; Fig 1, 2, 2a & 2b; § II A, pg 6 & 7. Impacts: AFC § 7.1.2.2 on pg 7.1-6; Table 7.1.1, pg 7.1-7. Appdx 7.1, V, C, pg 33 & 34, table 7.1, V, 3, pg 32. Cumulative: None found. Mitigation: AFC 7.1.2.2, pg 7.1-6 & 7, Table 7.1-1. Effective: None found. Monitoring Plan: AFC 7.1.2.2, pg 7.1-7. Appdx 7.1, § Section 7.1 (Revised Feb. 2000)	Yes	Please provide a discussion of the project's potential for cumulative effects on cultural resources. Please provide a discussion of the estimated effectiveness of proposed mitigation measures in reducing the potential for impacts to cultural resources.
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.	Ethnog: AFC 7.11.1.1, pg 7.1-1 thru 7.1-3; Fig 7.1-1. Appdx 7.1, II B, pg 7-10; Fig 7.1, B 3, pg 13; Conf Appdx 7.1 G Ethnographic Boundaries Figures. Pre-Hist: AFC 7.1.1.1.3, pg 7.1-2. Appdx 7.1, II B, pg 10-19. Hist: AFC 7.1.1.1.5, pg 7.1- 3; 7.1.1.2.1, pg 7.1-4. Appdx 7.1, II B, pg 19&20; Appdx 7.1 F.	Yes	

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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.	Lit Search: Appdx 7.1 § IIC, pg 20-22; Table 1, pg 21, Table 2, pg 22. Conf Appdx 7.1C, Site Records; Conf Appdx 7.1D, Isolate Records; Conf Appdx 7.1E; Site Location Maps; Appdx F Historic Impact Assessment. Surveys: AFC 7.1.1.3. pg 7.1-4. Appdx 7.1, § III, pg 23-31. Methods & Dates: AFC 7.1.1.3, pg 7.1-4. Appdx 7.1, § IIIB, pg 23 Who: AFC 7.1.1.3, pg 7.1-4. Appdx 7.1, § IIIB, pg 23. Qualific: Appdx 7.1, Appdx A	Yes	
Appendix B (g) (2) (C)	A discussion of the sensitivity of the project area described in subsection (g)(2)(A) and the presence and significance of any known archeological sites and other cultural resources that may be affected by the project. Information on the specific location of archeological resources shall be included in a separate appendix to the application and submitted to the Commission under a request for confidentiality pursuant to Title 20, California Code of Regulations, § 2501 et seq.	Sensitivity: AFC 7.1.2.1, pg 7.1-6. Appdx 7.1, V, B, pg 32. Known resources: AFC 7.1.2.2, pg 7.1-6 & 7. Appdx 7.1, §IIC; Tables 1 & 2.. Conf Appdx 7.1C, Site Records; Conf Appdx 7.1D, Isolate Records; Conf Appdx 7.1E; Site Location Map. Signif: Appdx 7.1, § V, pg 32-34.	Yes	
Appendix B (g) (2) (D)	A summary of contacts and communications with, and responses from, Native American representatives who may have an interest in heritage lands and/or resources potentially affected by the proposed project.	AFC 7.1.1.2, pg 7.1-4. Appdx 7.1 B.	Yes	

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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.	Education: none proposed. Contingency: AFC 7.1.2.2, pg 7.1-7. Appdx 7.1 §V, pg 32-34, Table 7.1 V 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;	AFC 3.1, pg 3.0-1 thru 25; Table 3.0-1, Cultural Res. 7.1, pg 3.0-3 & 4. AFC, 7.1.3, pg 7.1-8 & 9; Table 7.1-2, pg 7.1-8 & 9. No explicit list found. <u>Table 3.0-3, Section 7.1 (Revised Feb. 2000)</u>	Yes	Please provide a list of AFC pages or subsections where the information requested by the regulations appear.
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 3.3, pg 3.0-29 thru 32; Table 3.0-3, Cultural Resources, pg 3.0-30.	Yes	
Appendix B (h) (2)	A discussion of the conformity of the project with the requirements listed in subsection (h)(1)(A).	<u>Table 3.0-1, Pages 7.1-9 – 11 Revised Feb. 2000</u>	Yes	Please provide a discussion of the likelihood that the project will conform with the LORS presented in Table 3.0-1, 7.1 Cultural Resources.
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.	<u>Table 7.1-3 Feb. 2000</u>	Yes	Please provide the list of names, titles, phone numbers, and addresses for cultural resource agency contacts.
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 3.3, pg 3.0-29 thru 32; Table 3.0-3, Cultural Resources, pg 3.0-30.	Yes	

Adequacy Issue: Adequate X Inadequate
 Technical Area: Geological Hazards
 Project Manager: Lance Shaw

DATA ADEQUACY WORKSHEET

Revision No. 1 Date 02/29/2000
 Technical Staff: Robert Anderson
 Technical Senior: Steve Baker

Project: Blythe Energy Project

Docket: 99-AFC-8

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 7.16-7 (Revised Feb.2000) through 7.16-10, Sections 7.16.2 (Revised Feb. 2000) through 7.16.2.4.6 Table 7.16-1	Yes	Please include a discussion of the expected direct, indirect, and cumulative impacts due to construction, operation and maintenance of the proposed project.
Appendix B (g) (17) (A)	A summary of the geology, seismicity, and geologic resources of the project site and related facilities;	Pages 7.16-1 through 7.16-3 Sections 7.16..1.1 through 7.16.1.2.2	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 7.16-1: Figure 7.16-2 (New Feb. 2000). Pages 7.16-2 through 7.16-6, Sections 7.16.1.2 through 7.16.1.4.5	Yes	Please provide a geologic map of the project site at a scale of 1:24000.
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 7.16-1 Pages 7.16-7 (Revised Feb. 2000) and 7.16-9, Sections 7.16.1.5 (Revised Feb. 2000) and 7.16.2.3	Yes	Please provide a description of how the geologic resources within the vicinity of the project area were identified and assessed.

Adequacy Issue: Adequate X Inadequate _____
 Technical Area: Geological Hazards
 Project Manager: Lance Shaw

DATA ADEQUACY WORKSHEET

Revision No. 1 Date 02/29/2000
 Technical Staff: Robert Anderson
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Project: Blythe Energy Project
 Docket: 99-AFC-8

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 7.16-2, <u>Page 7.16-11 (Revised Feb. 2000).</u>	Yes	Please include the specific section of the Uniform Building Code and California Building Code and the dates of the Uniform Building Code and California Building Code that are considered to be LORS for the proposed 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 7.16-10 through 7.16-12 Sections 7.16.3 through 7.16.3.4 Tables 7.16-2 and 7.16-3	Yes	
Appendix B (h) (2)	A discussion of the conformity of the project with the requirements listed in subsection (h)(1)(A).	Not found. <u>Page 7.16-9; Section 7.16.2.4 through page 7.16-12 (With Feb. 2000 revisions) Section 7.16.3.2 (Revised Feb. 2000).</u>	Yes	Please include a discussion of the conformity of the project with the requirements listed in subsection (h)(1)(A) 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.	Table 7.16-3	Yes	

Adequacy Issue: Adequate Inadequate
 Technical Area: Hazardous Materials Handling
 Project Manager: L. Shaw

DATA ADEQUACY WORKSHEET

Revision No. 1 Date 3/2/2000
 Technical Staff: R. Tyler
 Technical Senior: S. Baker

Project: Blythe Energy Facility
 Docket: 99-AFC-8

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 7.9	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 7.9.2.1 and 7.9.2.2	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 7.9-1	yes	
Appendix B (g) (10) (C)	A discussion of the storage and handling system for each hazardous material used or stored at the site.	Table 7.9-2, Sections 7.9.2.1, 7.9.2.2 and 7.9.2.6	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 7.9.2.3 <u>Supplemental pages 7.9-18 through 18c Feb. 2000</u>	Yes	Provide a protocol to address accidental release of anhydrous ammonia from the ammonia refrigeration system.
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 7.9.2.6.4.2	Yes	
Appendix B (g) (10) (F)	A discussion of measures proposed to reduce the risk of any release of hazardous materials.	Section 7.9.2.6	Yes	

Adequacy Issue: Adequate Inadequate

DATA ADEQUACY WORKSHEET

Revision No. 1 Date 3/2/2000

Technical Area: Hazardous Materials Handling

Project: Blythe Energy Facility

Technical Staff: R. Tyler

Project Manager: L. Shaw

Docket: 99-AFC-8

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 (g) (10) (G)	A discussion of the fire and explosion risks associated with the project.	Section 7.9.2.4	Yes	
Appendix B (h) (1) (A)	Tables which identify laws, regulations, ordinances, standards, adopted local, regional, state, and federal land use plans, and permits applicable to the proposed project, and a discussion of the applicability of each. The table or matrix shall explicitly reference pages in the application wherein conformance, with each law or standard during both construction and operation of the facility is discussed;	Table 7.9-6	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.	Table 7.9-7	Yes	
Appendix B (h) (2)	A discussion of the conformity of the project with the requirements listed in subsection (h)(1)(A).	Section 7.9.2.6.4	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 7.9-7	Yes	
Appendix B (h) (4)	A schedule indicating when permits outside the authority of the commission will be obtained and the steps the applicant has taken or plans to take to obtain such permits.	NA	NA	No permits are required

Adequacy Issue: Adequate Inadequate

DATA ADEQUACY WORKSHEET

Revision No. 2 Date March 6, 2000

Technical Area: Land Use

Project: Blythe Energy Project

Technical Staff: Eric Knight

Project Manager: Lance Shaw

Docket: 99-AFC-8

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.	Pages 7.2-9 – 7.2-12; Sections 7.2.2.3 – 7.2.2.6	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:	Page 7.2-5; Table 7.2-2 Pages 7.2-2 – 7.2-4; Section 7.2.1.1	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;	Pages 7.2-2 – 7.2-4; Section 7.2.1.1 Page 7.5-3; Section 7.5.1.3	YES	
Appendix B (g) (3) (A) (ii)	A discussion of any trends in recent zoning changes and potential future land use development;	<u>Page 7.2-7 – 7.2-9 (revised Feb. 2000)</u> ; Sections 7.2.1.2.1 – 7.2.1.2.3 Page 7.2-11; Section 7.2.2.5	Yes	The AFC states that the City of Blythe and Riverside County have identified the area in the vicinity of the Blythe Airport as a future industrial area. Please provide a discussion of any trends in recent zoning changes within a 1-mile radius of the power plant site. If no trends are occurring, please provide a statement as such.
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	<u>Page 7.2-13 (Revised Feb. 2000)</u> ; Section 7.2.2.5	Yes	The AFC states that one new distribution warehouse has been approved and is being constructed in the area surrounding the airport. From the discussion in section 7.2.2.5, staff is uncertain if other development applications may be pending or have been denied. Please provide a listing of all discretionary reviews by public agencies initiated or completed within 18 months prior to filing the AFC for the area within 1 mile of the power plant site.

Adequacy Issue: Adequate Inadequate

DATA ADEQUACY WORKSHEET

Revision No. 2 Date March 6, 2000

Technical Area: Land Use

Project: Blythe Energy Project

Technical Staff: Eric Knight

Project Manager: Lance Shaw

Docket: 99-AFC-8

Technical Senior: Dale Edwards

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (3) (A) iv)	Legible maps of the areas identified in subsection (g)(3)(A) potentially affected by the project, on which existing land uses, jurisdictional boundaries, general plan designations, specific plan designations, and zoning have been clearly delineated.	<p>Figures 7.2-1 – 7.2-3</p> <p><u>Figures 7.2-3a- 7.2-3d Feb. 2000</u></p>	Yes	<p>The AFC states that the power plant site is located on unincorporated land but within the Sphere of Influence of the City of Blythe. According to the AFC, the site is located within an area that has been designated for industrial development in the Blythe General Plan. Figure 7.2-3, "Existing General Plan and Zoning Designations for Riverside County and the City of Blythe," only depicts Riverside County General Plan designations in the vicinity of the site. In addition, land use designations to the north and west of the site have not been provided within the required one-mile radius. Please replace Figure 7.2-3 with the following separate maps: 1) a map of Blythe General Plan designations within 1 mile of the site and ¼ mile of all project linear facilities; 2) a map of Blythe zoning designations (e.g., R-L-1) within 1 mile of the site and ¼ mile of all project linear facilities; 3) a map of Riverside County General Plan designations within 1 mile of the site and ¼ mile of all project linear facilities; and 4) a map of Riverside County zoning designations (e.g., W-2-10) within 1 mile of the site and ¼ mile of all project linear facilities. Please include city and county jurisdictional boundaries on all of the maps.</p>

Adequacy Issue: Adequate Inadequate

DATA ADEQUACY WORKSHEET

Revision No. 2 Date March 6, 2000

Technical Area: Land Use

Project: Blythe Energy Project

Technical Staff: Eric Knight

Project Manager: Lance Shaw

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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	Pages 7.2-8 – 7.2-12 (Revised Feb. 2000); Section 7.2.2 Page 7.5-17; Section 7.5.3.3	Yes	The AFC states that development of the project in Riverside County would require a change in the current zoning of the site (Controlled Development) to accommodate the proposed industrial use. Please revise the text on page 7.2-11 to provide the Riverside County zoning designation that would be appropriate for the proposed use. Please also include the land uses allowed and conditionally allowed by this zoning designation. Please also discuss whether development of the project in Riverside County would require an amendment to the Riverside County General Plan and Land Use Map, and provide the appropriate General Plan designation for the proposed use.
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 7.2-2 Pages 7.2-1 – 7.2-4; Section 7.2.1	YES	
Appendix B (g) (15) (B) (i)	Crop types, irrigation systems, and any special cultivation practices; and	Pages 7.2-1 – 7.2-4; Section 7.2.1 Page 7.14-6; Section 7.14.1.4 Page 7.2-2; Section 7.2.1.1.1 Feb. 2000	Yes	The project's transmission lines will traverse land currently under cultivation as a lemon orchard. Please describe any special cultivation practices used at the orchard, such as aerial application of fertilizers or pesticides.
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.	Page 7.2-9; Section 7.2.2.2 Page 7.14-1; Section 7.14-1	YES	
Appendix B (g) (15) (C)	An assessment of the effects of the proposed project on soil resources and agricultural land uses. This decision shall include:	Pages 7.2-9 – 7.2-10; Sections 7.2.2.2 – 7.2.2.3 Pages 7.14-13 – 7.14-14; Section 7.14.2	YES	
Appendix B (g) (15) (C) (ii)	Direct and indirect effects on agricultural land uses; and	Pages 7.2-9 – 7.2-10; Sections 7.2.2.2 – 7.2.2.3 Pages 7.14-13 – 7.14-14; Section 7.14.2	YES	

Adequacy Issue: Adequate Inadequate

DATA ADEQUACY WORKSHEET

Revision No. 2 Date March 6, 2000

Technical Area: Land Use

Project: Blythe Energy Project

Technical Staff: Eric Knight

Project Manager: Lance Shaw

Docket: 99-AFC-8

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;	<u>Table 3.0-1 (Revised Feb. 2000)</u> <u>Table 3.0-3 (Revised Feb. 2000)</u> <u>Table 7.2-3 (Revised Feb. 2000)</u>	Yes	Please revise Table 3.0-1 and 3.0-3 to specify the pages or subsection in the AFC where conformance 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.	Page 7.2-12; Table 7.2-3	YES	
Appendix B (h) (2)	A discussion of the conformity of the project with the requirements listed in subsection (h)(1)(A).	Page 7.2-11; Section 7.2.2.4	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.	Page 7.2-12; Table 7.2-3	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.	Page 7.2-13; Table 7.2-4 <u>Page 7.2-9-7.2-10 (Revused feb. 2000)</u> Section 7.2.1.2.3	Yes	Page 7.2-11 of the AFC states that the project will require a zoning change from Riverside County if the annexation of the site into the City of Blythe does not occur. Table 7.2-4 states that the applicant would expect the zoning change to be completed by June 2000. Please describe the steps the applicant has taken or plans to take to obtain the zoning change from Riverside County.

Adequacy Issue: Adequate Inadequate

DATA ADEQUACY WORKSHEET

Revision No. 1 Date February 28,2000

Technical Area: Noise

Project: Blythe Energy Project

Technical Staff: Steve Baker

Project Manager: Lance Shaw

Docket: 99-AFC-8

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.	AFC §§ 1.1.1, 1.1.2, 2.2.1, 2.2.2, 2.2.4, 2.2.5.1, 2.2.5.1.1, 2.2.5.1.1.2, 2.2.15; Table 6.0-2; §§ 6.4, 6.4.1, 6.4.2, 6.4.3, 6.5.1; Chapter 7.3; Appendix 7.3	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.	AFC Figure 7.3-1	Yes	
Appendix B (g) (4) (B)	A description of the ambient noise levels at those sites identified under subsection (g)(4)(A) which the applicant believes provide a representative characterization of the ambient noise levels in the project vicinity, and a discussion of the general atmospheric conditions, including temperature, humidity, and the presence of wind and rain at the time of the measurements. The existing noise levels shall be determined by taking noise measurements for a minimum of 25 consecutive hours at a minimum of one site. Other sites may be monitored for duration at the applicant's discretion during the same 25-hour period. The results of the noise level measurements shall be reported in L _{eq} (equivalent sound or noise level), L _{dn} (day-night sound or noise level) or CNEL (Community Noise Equivalent Level) in units of dB(A). The L ₁₀ , L ₅₀ , and L ₉₀ values (noise levels exceeded 10 percent, 50 percent, and 90 percent of the time, respectively) shall also be reported.	AFC §§ 7.3.1.1, 7.3.1.2, 7.3.1.3; Table 7.3-2; Appendix 7.3	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.	AFC §§ 7.3.2.1, 7.3.2.2; Table 7.3-3; § 7.3.2.3	Yes	

Adequacy Issue: Adequate Inadequate

DATA ADEQUACY WORKSHEET

Revision No. 1 Date February 28,2000

Technical Area: Noise

Project: Blythe Energy Project

Technical Staff: Steve Baker

Project Manager: Lance Shaw

Docket: 99-AFC-8

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.	AFC §§ 7.3.2.1, 7.3.2.2	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.	AFC § 7.3.2.1; Table 7.3-3; § 7.3.2.2	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.	AFC § 7.3.2.2.1	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;	AFC Table 3.0-1, 7.3-4	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.	AFC § 7.3.3.3	Yes	

Adequacy Issue: Adequate Inadequate

DATA ADEQUACY WORKSHEET

Revision No. 1 Date February 28,2000

Technical Area: Noise

Project: Blythe Energy Project

Technical Staff: Steve Baker

Project Manager: Lance Shaw

Docket: 99-AFC-8

Technical Senior: Steve Baker

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (h) (2)	A discussion of the conformity of the project with the requirements listed in subsection (h)(1)(A).	AFC § 7.3.2.3	Yes	
Appendix B (h) (3)	The name, title, phone number, and address, if known, of an official within each agency who will serve as a contact person for the agency.	<u>Table 7.3-5 Revised Feb.2000.</u>	Yes	Please provide this information
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
 Technical Area: Paleontological Resources
 Project Manager: Lance Shaw

DATA ADEQUACY WORKSHEET

Revision No. 1 Date 02/29/2000
 Technical Staff: Robert Anderson
 Technical Senior: Steve Baker

Project: Blythe Energy Project
 Docket: 99-AFC-8

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 7.15-1 and 2, Section 7.15.1 and 7.15.2 Appendix 7.15 Pages 6 through 9	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.	Appendix 7.15, Page 6 Pages 7.16-1 through 3, Sections 7.16.1 through 7.16.1.2.2	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 7.15-1 and 2, Section 7.15.1 and 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.	Appendix 7.15, Page 6 <u>Page 7.15-1 (Revised Feb. 2000), Section 7.15.</u>	Yes	Please include a summary of all literature searches and field surveys used to provide information about paleontological resources in the project area described in subsection (g)(16)(A). Please include the date(s) of the surveys, methods used in completing the surveys, and the names and qualifications of the individuals conducting the surveys.

Adequacy Issue: Adequate Inadequate

DATA ADEQUACY WORKSHEET

Revision No. 1 Date 02/29/2000

Technical Area: Paleontological Resources

Project: Blythe Energy Project

Technical Staff: Robert Anderson

Project Manager: Lance Shaw

Docket: 99-AFC-8

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) (D)	Information on the specific location of known paleontologic resources, survey reports, locality records, and maps at a scale of 1:24,000, shall be included in a separate appendix to the Application and submitted to the Commission under a request for confidentiality, pursuant to Title 20, California Code of Regulations, § 2501 et seq.	Appendix 7.15, Pages 6-9, <u>Page 7.15-1 (Revised Feb. 2000), Section 7.15, Pages 6 through 9; Figures 2a and 2b in Appendix 7.15.</u>	Yes	Please include the specific location of all known paleontological resources on a map at a scale of 1:24000. If paleontological resources are not found in the vicinity of the project, please state so in the text of Appendix 7.15. If paleontological resources are identified within the vicinity of the project please submit the paleontological resources map and description of the findings under a request for confidentiality to the Commission pursuant to Title 20, California Code of Regulations, Section 2501 et seq.
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.	Not found	No <u>Not Applicable</u>	Please include a discussion of measures proposed for mitigation of impacts to known paleontological resources, and a set of contingency measures for mitigation measures for mitigation of potential impacts to currently unknown paleontological resources. If no paleontological resources are known to be located within the vicinity of the project at this state so, but still include a discussion of contingency plan for assessment and mitigation of impacts to paleontological resources should they be encountered during construction or operation of the facility.
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 7.15-1 (<u>Revised Feb. 2000</u>)	Yes	Please include in Table 7.15-1 a page or subsection reference where conformance with each law ordinance, or regulation for paleontological resources can be found in the text of the application for certification.

Adequacy Issue: Adequate Inadequate
 Technical Area: Paleontological Resources
 Project Manager: Lance Shaw

DATA ADEQUACY WORKSHEET

Revision No. 1 Date 02/29/2000
 Technical Staff: Robert Anderson
 Technical Senior: Steve Baker

Project: Blythe Energy Project
 Docket: 99-AFC-8

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.	Not found <u>Table 7.15-2, Page 7.15-6 (Revised Feb. 2000).</u>	Yes	Please identify in a table each agency with jurisdiction to issue applicable permits and approvals or to enforce identified laws, regulations, ordinances, 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).	Page 7.15-2, Section 7.15.3	Yes	
Appendix B (h) (3)	The name, title, phone number, and address, if known, of an official within each agency who will serve as a contact person for the agency.	Not found <u>Table 7.15-2, Page 7.15-6 (Revised Feb. 2000)</u>	Yes	Please include the name, telephone number and address of the County Geologist for Riverside County.
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.	Not Found	Not Applicable	

Adequacy Issue: Adequate Inadequate _____
 Technical Area: Project Overview
 Project Manager: Lance Shaw

DATA ADEQUACY WORKSHEET

Revision No. 2 Date March 7, 20000
 Technical Staff: Lance Shaw
 Technical Senior: Roger Johnson

Project: Blythe Energy Project
 Docket: 99-AFC-8

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.	Entire AFC, Section 2	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	Entire 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	Entire 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.	Section 1.0-6 through 8, and Entire AFC. <u>Section 1.2 (Revised Feb. 2000).</u>	Yes	Supply names of persons responsible for the sections on Reliability, and Alternatives.
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.	Entire AFC Executive Summary Section 2. <u>Figure 2.0-2 (Revised Feb. 2000).</u>	Yes	Please clarify the site, whether it is the 76-acre parcel as stated in most of the AFC or the expanded parcel briefly described from page 7.7-30 to the end of Section 7.7. Clarify Figure 2.0-2 site layout. A legend is provided, however, references are not given for structures listed on the figure.
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.	Entire AFC. <u>Page 7.7-30 to end of Section 7.7 (Revised Feb. 2000).</u>	Yes	Section 7.7.8.5 refers to an area greater than the 76-acre property referred to throughout the AFC. Provide the section, township, range, and parcel information for the larger parcel. There are references in the AFC that this area may be less disturbed than the other 76 acres. Provide all information on new site as you did on the 76-acre plot.
Appendix B (a) (1) (C)	A description of and maps depicting the region, the vicinity, and the site and its immediate surroundings.	Entire AFC	Yes	

Adequacy Issue: Adequate Inadequate _____
 Technical Area: Project Overview
 Project Manager: Lance Shaw

DATA ADEQUACY WORKSHEET

Revision No. 2 Date March 7, 20000
 Technical Staff: Lance Shaw
 Technical Senior: Roger Johnson

Project: Blythe Energy Project
 Docket: 99-AFC-8

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) (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.	Entire AFC, Fig 1.0-4. <u>(New Figures 1.0-4a & b Feb. 2000)</u>	Yes	Please supply after construction color simulation along with the full-page before simulation.
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.	Entire AFC <u>Page 7.7-30 to end of Section 7.7 (Revised Feb. 2000). Volume 2, appendix 7.2.</u>	Yes	Supply parcel info for the expanded site (i.e. greater than 76 acres) and the 11.5 mile gas line route.
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.	Figure 1.0-10	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.		N/A	
Appendix B (a) (3) (B)	A list of all owners and operators of the proposed electric transmission facilities.	Entire AFC	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).	Entire AFC	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;	Entire AFC	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;	Entire AFC. <u>Supplemental Figure 1.0-11 Feb. 2000.</u>	Yes	Please supply elevation drawings of power plant and all related facilities.

Adequacy Issue: Adequate Inadequate
 Technical Area: Project Overview
 Project Manager: Lance Shaw

DATA ADEQUACY WORKSHEET

Revision No. 2 Date March 7, 20000
 Technical Staff: Lance Shaw
 Technical Senior: Roger Johnson

Project: Blythe Energy Project
 Docket: 99-AFC-8

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	Entire AFC	Yes	
Appendix B (b) (2) (A)	Maps at a scale of 1:24,000 of each proposed transmission line route, showing the settled areas, parks, recreational areas, scenic areas, and existing transmission lines within one mile of the proposed route(s).	Entire AFC	Yes	
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.	Entire AFC. <u>Supplemental Figs 1.0-8b & c. Feb. 2000.</u>	Yes	Please provide 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.
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 4	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.	Not Applicable (NA)	NA	
Appendix B (d) (2)	Updates of any significant information which has changed since the Commission's Final Decision on the NOI.	NA	NA	

Adequacy Issue: Adequate Inadequate

DATA ADEQUACY WORKSHEET

Revision No. 2 Date March 7, 2000

Technical Area: Project Overview

Project: Blythe Energy Project

Technical Staff: Lance Shaw

Project Manager: Lance Shaw

Docket: 99-AFC-8

Technical Senior: Roger Johnson

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (e) (1)	A discussion of how facility closure will be accomplished in the event of premature or unexpected cessation of operations.	Section 5	Yes	

Adequacy Issue: Adequate Inadequate
 Technical Area: Traffic and Transportation
 Project Manager: Lance Shaw

DATA ADEQUACY WORKSHEET

Revision No. 1 Date February 25, 2000
 Technical Staff: James Adams
 Technical Senior: Dale Edwards

Project: Blythe Energy Project
 Docket: 99-AFC-8

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 7.4.1 Pgs. 7.4-1 through 6 Section 7.4.2 Pgs. 7.4-8 through 20 Section 7.4.2.5 Pgs. 7.4-20 & 21 Table 7.4-5, Pg. 7.4-11 Table 7.4-6, Pg. 7.4-16 Tables 7.4-7 and 8 Pg. 7.4-18 Table 7.4-9, Pg. 7.4-19	Yes	
Appendix B (g) (5) (A)	A regional transportation setting, on topographic maps (scale of 1:250,000), identifying the project location and major transportation facilities. Include a reference to the transportation element of any applicable local or regional plan.	Figure 1.0-1 Figure 7.4-1 Figure 7.4-2 Section 7.4.1.1 Pgs. 7.4-1 through 5	Yes	
Appendix B (g) (5) (B)	An identification, on topographic maps at a scale of 1:24,000 and a description of existing and planned roads, rail lines, including light rail, bike trails, airports, bus routes serving the project vicinity, pipelines, and canals in the project area affected by or serving the proposed facility. For each road identified, include the following information, where applicable:	Section 7.4.1 Pgs 7.4-1 through 3 Sections 7.4.1.5, 6, 7, 8, 9 Pgs. 7.4-7 & 8 Figure 1.0-2 <u>Figure 7.4-3 Revised Feb.2000.</u>	Yes	Provide a map at a scale of 1:24,000 that identifies 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.
Appendix B (g) (5) (B) (i)	Road classification and design capacity;	Section 7.4.1.2 Pgs. 7.4-2 through 4 Table 7.4-1, Pg. 7.4-4	Yes	
Appendix B (g) (5) (B) (ii)	Current daily average and peak traffic counts;	Table 7.4-1, Pg. 7.4-4	Yes	
Appendix B (g) (5) (B) (iii)	Current and projected levels of service before project development, during construction, and during project operation;	Section 7.4.1.3 Pgs. 7.4-3 through 6	Yes	
Appendix B (g) (5) (B) (iv)	Weight and load limitations;	Section 7.4.1.2 Pgs. 7.4-2 & 3	Yes	
Appendix B (g) (5) (B) (v)	Estimated percentage of current traffic flows for passenger vehicles and trucks; and	Section 7.4.1.2, Pg. 7.4-3 Table 7.4-4, Pg. 7.4-9	Yes	
Appendix B (g) (5) (B) (vi)	An identification of any road features affecting public safety.	Section 7.4.1.4, Pg. 7.4-6 Table 7.4-3, Pg. 7.4-6	Yes	

Adequacy Issue: Adequate Inadequate

DATA ADEQUACY WORKSHEET

Revision No. 1 Date February 25, 2000

Technical Area: Traffic and Transportation

Project: Blythe Energy Project

Technical Staff: James Adams

Project Manager: Lance Shaw

Docket: 99-AFC-8

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.	Sections 7.4.1.5 (Revised Feb. 2000), 6, 7 and 9 Pgs.7.4-7 and 8 <u>Figure 7.4-3 Revised Feb 2000.</u>	Yes	On the map at a scale of 1:24,000 described above pursuant to Appendix B (g) (5) (B), specify the location of any new, planned or programmed transportation facilities including those necessary for construction and operation of the proposed project.
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 7.4.2 Pgs. 7.4-8 through 20 Table 7.4-4, Pg. 7.4-9 Table 7.4-5, Pg. 7.4-11 Table 7.4-6, Pg. 7.4-16 Tables 7.4-7 & 8 Pg. 7.4-18 Table 7.4-9, Pg. 7.4-19	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 7.4.2.2.1 Pgs. 7.4-10 through 13 Section 7.4.2.3 Pgs. 7.4-17 Table 7.4-8, Pg. 7.4-18 Section 7.4.5.2, Pg. 7.4-21 Section 7.9 Pgs. 7.9-3 through 12 Table 7.9-2, Pg. 7.9-3 & 4 Section 7.9.2.6.4, Pg. 7.9-25	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 7.4.3 Pgs. 7.4-22 through 25 <u>Table 7.4-10 (Revised Feb 2000.)</u> , Pgs 7.4-22 & 23 Table 3.0-1, Pg. 3.0-2, 7 & 8 <u>Table 7.4-12 Revised Feb 2000.</u>	Yes	Modify Table 7.4-10 so that it explicitly references pages or subsections in the application wherein conformance, with each law or standard during both construction and operation of the facility 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 7.4.3.4.1, Pg. 7.4-25 Table 7.4-11, Pg. 7.4-25 Table 3.0-3, Pg. 3.0-30 Section 7.9.2.6.3, Pg. 7.9-25	Yes	
Appendix B (h) (2)	A discussion of the conformity of the project with the requirements listed in subsection (h)(1)(A).	Section 7.4.3, Pg. 7.4-22	Yes	

Adequacy Issue: Adequate Inadequate

DATA ADEQUACY WORKSHEET

Revision No. 1 Date February 25, 2000

Technical Area: Traffic and Transportation

Project: Blythe Energy Project

Technical Staff: James Adams

Project Manager: Lance Shaw

Docket: 99-AFC-8

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) (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 7.4-12 Revised Feb. 2000.	Yes	Provide the name, title, phone number, and address, if known, of an official within each agency who will serve as a contact person for the agency.
Appendix 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 7.4.3.4.1, Pg. 7.4-25 Table 7.4-11, Pg. 7.4-25 Table 3.0-3, Pg. 3.0-30 Section 7.9.2.6.3, Pg. 7.9-25	Yes	

Adequacy Issue: Adequate _____ Inadequate X
 Technical Area: Trans. Sys. Engin.,
 TL Safety & Nuisance
 Project Manager: Lance Shaw

DATA ADEQUACY WORKSHEET

Project: Blythe Energy Project
 Docket: 99-AFC-8

Revision No. _____ Date 3/8/2000
 Technical Staff: Laiping Ng/ Chris Tooker
 Technical Senior: Al McCuen/ Chris Tooker

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (i) (2) (A)	A discussion of the need for the additional electric transmission lines, substations, or other equipment, the basis for selecting principal points of junction with the existing electric transmission system, and the capacity and voltage levels of the proposed lines, along with the basis for selection of the capacity and voltage levels.	Section 6.3 Page 6.0-7 Section 7.17 Page 7.17-1 Section 8.2 Page 8.0-6,8 Table 8.0-1	Yes	
Appendix B (i) (2) (B)	A discussion of the extent to which the proposed electric transmission facilities have been designed, planned, and routed to meet the transmission requirements created by additional generating facilities planned by the applicant or any other entity.	Section 8.2.4 Page 8.0-10,11	Yes	

Adequacy Issue: Adequate _____ Inadequate **X**
 Technical Area: Trans. Sys. Engin., TL Safety & Nuisance
 Project Manager: Lance Shaw

DATA ADEQUACY WORKSHEET

Project: Blythe Energy Project
 Docket: 99-AFC-8

Revision No. _____ Date 3/8/2000
 Technical Staff: Laiping Ng/ Chris Tooker
 Technical Senior: Al McCuen/ Chris Tooker

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (b) (2) (C)	A detailed description of the design, construction, and operation of any electric transmission facilities, such as power lines, substations, switchyards, or other transmission equipment, which will be constructed or modified to transmit electrical power from the proposed power plant to the load centers to be served by the facility. Such description shall include the width of rights of way and the physical and electrical characteristics of electrical transmission facilities such as towers, conductors, and insulators. This description shall include power load flow diagrams which demonstrate conformance or nonconformance with utility reliability and planning criteria at the time the facility is expected to be placed in operation and five years thereafter; and	Section 1.1 Page 1.0-1, 1.0-2, 1.0-3 Section 2.1 Page 2.01-11,12 Section 7.17 Page 7.17-1,2 Section 8.2.2 through section 8.2.7 Page 8.0-7 through page 8.0-14 <u>Supplemental Appendix 8.1, Tables 1 – 4 , and Appendices A – D, Feb. 2000.</u>	No	<p>- Please provide the power flow study and load flow diagrams that demonstrate conformance or non conformance with utility reliability and planning criteria.</p> <p><u>(Applicant provided tables 1 – 4 summaries of N-1 outage results, and appendices A – D load flow diagrams for N-2 outage cases. Additional summary tables and load flow diagrams are required.)</u></p> <p><u>Provide Specifically:</u></p> <p><u>Summary table for load flow results for both 161 kV and 230 kV N-2 outage cases.</u></p> <p><u>Load flow diagrams which correspond, and support Tables 1-4 in AFC Appendix 8.1.</u></p> <p><u>Please provide the load flow diagrams that show the total power output from the project generators not just 258.9 MW as shown in the Supplemental Technical Appendices dated February 2000.</u></p> <p><u>Please correlate diagrams provided with summaries provided.</u></p> <p><u>Please reference clearly any information contained in the AFC which satisfies these requirements.</u></p> <p>— Please provide an interconnection study</p> <p>— Please identify the proposed mitigation methods</p> <p>- Please provide a one line diagram of the Blythe substation</p>

Adequacy Issue: Adequate _____ Inadequate X
 Technical Area: Trans. Sys. Engin.,
 TL Safety & Nuisance
 Project Manager: Lance Shaw

DATA ADEQUACY WORKSHEET

Project: Blythe Energy Project
 Docket: 99-AFC-8

Revision No. _____ Date 3/8/2000
 Technical Staff: Laiping Ng/ Chris Tooker
 Technical Senior: Al McCuen/ Chris Tooker

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (b) (2) (D)	A description of how the route and additional transmission facilities were selected, and the consideration given to engineering constraints, environmental impacts, resource conveyance constraints, and electric transmission constraints.	Section 6.3 Page 6.0-7 Section 8.2.7 Page 8.0-14	Yes	
Appendix B (g) (18) (A)	The locations and a description of the existing switchyards and overhead and underground transmission lines that would be affected by the proposed project.	Section 8.2.3 Page 8.0-8,9	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 7.17.2.2 Page 7.17-2,3	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 7.17.2.9 Page 7.17-8	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 7.17.3 Page 7.17-6, 8, 9, 10	Yes	

Adequacy Issue: Adequate _____ Inadequate X
 Technical Area: Trans. Sys. Engin.,
 TL Safety & Nuisance
 Project Manager: Lance Shaw

DATA ADEQUACY WORKSHEET

Project: Blythe Energy Project
 Docket: 99-AFC-8

Revision No. _____ Date 3/8/2000
 Technical Staff: Laiping Ng/ Chris Tooker
 Technical Senior: Al McCuen/ Chris Tooker

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 7.17-2	Yes	
Appendix B (h) (2)	A discussion of the conformity of the project with the requirements listed in subsection (h)(1)(A).	Section 8.2.5 Page 8.0-11, 12	Yes	
Appendix B (h) (3)	The name, title, phone number, and address, <u>if known</u> , of an official within each agency who will serve as a contact person for the agency.	Section 7.17 Page 7.17-10	Yes	Please provide the name, title, phone number and address if known of the FAA.
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 _____
 Technical Area: Visual Resources
 Project Manager: Lance Shaw

DATA ADEQUACY WORKSHEET

Revision No. 2a Date March 3, 2000
 Technical Staff: Gary Walker
 Technical Senior: Dale Edwards

Project: Blythe Energy Project
 Docket: 99-AFC-8

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (1)	...provide a discussion of the existing site conditions, the expected direct, indirect and cumulative impacts due to the construction, operation and maintenance of the project, the measures proposed to mitigate adverse environmental impacts of the project, the effectiveness of the proposed measures, and any monitoring plans proposed to verify the effectiveness of the mitigation.	Pp.7.5-14 through 7.5-15, Section 7.5.2.5 Feb.18, 2000 revisions: pp.7.5-6a, 7.5-7, 7.5-7a, 7.5-14 through 7.5-20, 7.5-22; Figures 7.5-2 and 7.5-8; new Figures 7.5-8a and 7.5-8b.	Yes	The AFC provides a discussion of the factors (visual quality, viewer sensitivity, visibility, and viewer exposure) that contribute to the assessment of visual impact susceptibility for Key Observation Points 1 through 5. However, the AFC does not evaluate the visual impacts of the project from the Key Observation Points. Please provide such an assessment, including consideration of the impact factors of dominance, contrast, and view blockage, for each Key Observation Point, including the additional Key Observation Point described below, and assessment of the significance of the impacts from each Key Observation Point.
Appendix B (g) (6) (A)	Descriptions of the existing visual setting of the vicinity of the project, the region that can be seen from the vicinity of the project, and the proposed project site. Include:	Pp.7.5-1 through 7.5-6, Section 7.5.1.	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 7.5-8; pp.7.5-4 through 7.5-6, Section 7.5.1.4; Figure 7.5-2.	Yes	
Appendix B (g) (6) (A) (ii)	Elevations of any existing structures on the site; and	Figure 8.0-7.	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.	Pp.7.5-1 through 7.5-6, Section 7.5.1.	Yes	
Appendix B (g) (6) (B)	An assessment of the visual quality of those areas that will be impacted by the proposed project.	Pp.7.5-1 through 7.5-6.	Yes	

Adequacy Issue: Adequate Inadequate _____
 Technical Area: Visual Resources
 Project Manager: Lance Shaw

DATA ADEQUACY WORKSHEET

Revision No. 2a Date March 3, 2000
 Technical Staff: Gary Walker
 Technical Senior: Dale Edwards

Project: Blythe Energy Project
 Docket: 99-AFC-8

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (6) (C)	After discussions with staff and community residents who live in close proximity to the proposed project, identify the scenic corridors and any visually sensitive areas potentially affected by the proposed project, including recreational and residential areas. Indicate the approximate number of people using each of these sensitive areas and the estimated number of residences with views of the project. For purposes of this section, a scenic corridor is that area of land with scenic natural beauty, adjacent to and visible from a linear feature, such as a road, or river.	Pp.7.5-2 through 7.5-5, Section 7.5.1. <u>Feb. 18, 2000 revisions: pp.7.5-6 through 7.5-7a, and 7.5-17 through 7.5-20.</u>	Yes	One of the most visually sensitive areas is along Hobsonway, which is the closest public access to the proposed power plant site. Please provide the average daily traffic on Hobsonway, which runs adjacent to the south side of the site. Please estimate the number of rural residences that have views of the proposed power plant site (include the closest residence at Key Observation Point 2). Please estimate the number of residences in the Nicholls Warm Springs subdivision (represented by Key Observation Point 3) that have views of the proposed power plant site. Please estimate the number of residences in the vicinity of Key Observation Point 5 (adjacent to Blythe Municipal Golf Course) that have views of the proposed power plant site. Please estimate the number of recreational users at Blythe Municipal Golf Course. Please explain whether golf course users would see the project.
Appendix B (g) (6) (D)	A description of the dimensions, color, and material of each major visible component of the project.	P.7.5-8, Table 7.5-1, Section 7.5.2.1; p.7.5-16, Section 7.5.2.7; Figure 8.0-7.	Yes	
Appendix B (g) (6) (E)	Full-page color photographic reproductions of the existing site, and full-page color simulations of the proposed project in the existing setting from each location representative of the view areas most sensitive to the potential visual impacts of the project.	Figures 7.5-3 through 7.5-7. <u>Feb.18, 2000 revisions: Figures 7.5-8a & b.</u>	Yes	Please provide a full-page color photographic reproduction of the existing site and a full-page color simulation of the proposed project in the existing setting from a location representative of westbound travelers on Hobsonway.
Appendix B (g) (6) (F)	An assessment of the visual impacts of the project, including light and glare, and visible plumes.	Pp.7.5-7 through 7.5-16. <u>Feb. 2000 Responses to CEC's... 33-page DA Determination Supplement," p.27.</u>	Yes	Please assess the visual impacts of potential HRSG stack plumes.

Adequacy Issue: Adequate Inadequate
 Technical Area: Visual Resources
 Project Manager: Lance Shaw

DATA ADEQUACY WORKSHEET

Revision No. 2a Date March 3, 2000
 Technical Staff: Gary Walker
 Technical Senior: Dale Edwards

Project: Blythe Energy Project
 Docket: 99-AFC-8

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (h) (1) (A)	Tables which identify laws, regulations, ordinances, standards, adopted local, regional, state, and federal land use plans, and permits applicable to the proposed project, and a discussion of the applicability of each. The table or matrix shall explicitly reference pages in the application wherein conformance, with each law or standard during both construction and operation of the facility is discussed;	Table 3.0-1, p.3.0-8.	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 3.0-1, p.3.0-8.	Yes	
Appendix B (h) (2)	A discussion of the conformity of the project with the requirements listed in subsection (h)(1)(A).	P.7.5-17, Section 7.5.3.	Yes	
Appendix B (h) (3)	The name, title, phone number, and address, if known, of an official within each agency who will serve as a contact person for the agency.	Not applicable.	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.	Not applicable.	Yes	

Adequacy Issue: Adequate Inadequate

DATA ADEQUACY WORKSHEET

Revision No. 0 Date 2-22-2000

Technical Area: Waste Management

Project: Blythe Energy Project

Technical Staff: Mike Ringer

Project Manager: Lance Shaw

Docket: 99-AFC-8

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	sec. 2.2.11.2 sec. 2.2.11.3 sec. 7.11.4.1 sec. 7.11.4.2	YES	
Appendix B (e) (2)	A discussion of how facility closure will be accomplished in the event of premature or unexpected cessation of operations.	sec. 5.1 sec. 7.11.4.3.1	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.	sec. 7.11.1 sec. 7.11.2 sec. 7.11.5 sec. 7.11.6	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.	sec. 7.11.1 Appendix 7.2	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.	sec. 7.11.2.1.1 sec. 7.11.2.1.3 sec. 7.11.2.2.1 sec. 7.11.2.2.3 Table 7.11-1	YES	

Adequacy Issue: Adequate Inadequate

DATA ADEQUACY WORKSHEET

Revision No. 0 Date 2-22-2000

Technical Area: Waste Management

Project: Blythe Energy Project

Technical Staff: Mike Ringer

Project Manager: Lance Shaw

Docket: 99-AFC-8

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.	sec. 7.11.3.1 sec. 7.11.3.2	YES	
Appendix B (g) (12) (D)	A description of management methods for each waste stream, including methods used to minimize waste generation, length of on- and off-site waste storage, re-use and recycling opportunities, waste treatment methods used, and use of contractors for treatment.	sec. 7.11.2.1.1 sec. 7.11.2.1.3 sec. 7.11.2.2.1 sec. 7.11.2.2.3 Table 7.11-1 sec. 7.11.4.1 sec. 7.11.4.2	YES	
Appendix B (h) (1) (A)	Tables which identify laws, regulations, ordinances, standards, adopted local, regional, state, and federal land use plans, and permits applicable to the proposed project, and a discussion of the applicability of each. The table or matrix shall explicitly reference pages in the application wherein conformance, with each law or standard during both construction and operation of the facility is discussed;	Table 3.0-1, p. 3.0-16 Table 7.11-2 <u>Revised Feb. 2000.</u>	YES	reference pages or subsections in the AFC where LORS conformance 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.	Table 7.11-3	YES	
Appendix B (h) (2)	A discussion of the conformity of the project with the requirements listed in subsection (h)(1)(A).	sec. 7.11.4.2.1 sec. 7.11.4.2.2 sec. 7.11.7.1	YES	

Adequacy Issue: Adequate Inadequate

DATA ADEQUACY WORKSHEET

Revision No. 0 Date 2-22-2000

Technical Area: Waste Management

Project: Blythe Energy Project

Technical Staff: Mike Ringer

Project Manager: Lance Shaw

Docket: 99-AFC-8

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) (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 7.11-3	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.	sec.7.11.4.2.2 sec. 7.11.9	YES	

Adequacy Issue: Adequate _____ Inadequate **X**
 Technical Area: **Water Resources**
 Project Manager: Lance Shaw

DATA ADEQUACY WORKSHEET

Revision No. 1 Date 3/6/2000
 Technical Staff: Rich Sapudra
 Technical Senior: Jim Brownell

Project: Blythe Energy Project
 Docket: 99-AFC-8

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.	1.0-2, 1.0-5,1.0-6,2.0-1,2-3,2.0-21,2.0-26,6.0-2-3,6.0-12,7.11-1-2,Fig1.0-1, Fig1.0-2, Fig1.0-4, Fig1.0-5, Fig1.0-7, Fig 2.0-18, 1.0-1, 1.0-3, Appendix 1.0, Fig 1.0-6, Fig 2.0-1	Yes	
Appendix B (g) (14) (A)	All information required by the Regional Water Quality Control Board in the region where the project will be located to apply for:	7.13-28 <u>7.13.2.5 (Revised Feb. 2000)</u>		
Appendix B (g) (14) (A) (i)	Waste Discharge Requirements (WDR); and	<u>7.13.2.5,</u> <u>7.13.5. (Revised Feb. 2000),</u> <u>7.11.2.2.2 (Revised Feb. 2000),</u> <u>Table 7.11-2 (Revised Feb. 2000),</u> <u>Table 7.13-11(Revised Feb. 2000),</u> <u>Table 7.13.2.5 (Revised Feb. 2000).</u>	No	Provide discussion on Water Discharge permit application requirements for evaporation ponds. <u>The information provided in the AFC/Supplement identified the type of information needed in a report of waste discharge (ROWD) application, not the specific information required in a ROWD. The application requirements for a ROWD are detailed in COMBINED SWRCB/CIWMB REGULATIONS DIVISION 2, TITLE 27. Please provide all information required by the RWQCB listed in Division 2, Title 27, Article 4, SWRCB- Development of Waste Discharge Requirements (WDRs). Section D (21750. SWRCB-Waste Management Unit Characteristics and Attributes to be Described in the ROWD), and Section F (21760. SWRCB- Design Report and Operations Plan) clearly list and discuss the information required. Please reference by section any information contained in the AFC that addresses these information requirements..</u>
Appendix B (g) (14) (A) (ii)	a National Pollutant Discharge Elimination System (NPDES) Permit.			

Adequacy Issue: Adequate _____ Inadequate **X**

DATA ADEQUACY WORKSHEET

Revision No. 1 Date 3/6/2000

Technical Area: Water Resources

Project: Blythe Energy Project

Technical Staff: Rich Sapudar

Project Manager: Lance Shaw

Docket: 99-AFC-8

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) (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:	7.13-1-9,7.13-10,7.13-14-18, Appendix 7.13, Fig 7.13-6, Fig 7.13-3, Fig 7.13-1, Fig 7.13-2, Tab 7.13-7	Yes	
Appendix B (g) (14) (B) (i)	Ground water bodies and related geologic structures;	7.13-7-8,7.13-14-18,7.13-24, Appendix 7.13, Fig 7.13-3, Fig 7.13-5	Yes	
Appendix B (g) (14) (B) (ii)	Surface water bodies; and	7.13-1-2,7.13-8	Yes	
Appendix B (g) (14) (B) (iii)	Water inundation zones, such as the 100-year flood plain and tsunami run-up zones.	2.0-26,7.13-24, Fig 7.13-7	Yes	
Appendix B (g) (14) (C)	A description of the water to be used and discharged by the project. This information shall include:	2.0-19,6.0-12	Yes	
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;	7.13-2,7.13-9,7.13-18-23, Appendix 7.13, Table 7.13-4 <u>Section 7.13.4.4 Feb. 2000</u>	Yes	All information, procedures and schedules related to, permits, transfer agreements, fallowed land/lease agreements, contracts, legal/regulatory obligations/requirements, and any other arrangements necessary to obtain water from the Palo Verde Irrigation District (PVID) as proposed in the AFC.
Appendix B (g) (14) (C) (ii)	The physical and chemical characteristics of the source and discharge water;	1.0-4-5,2.0-16,7.13-10, 7.13-14, 7.13-24, Table 7.13-12 <u>Table 7.13-11 Feb. 2000</u>	Yes	Method Detection Limits for both source and wastewater discharged to the evaporation pond. Water quality of the various waste streams, and of the end-of-pipe discharge to the evaporation ponds.
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	1.0-4-5,2.0-5,2.0-8,2.0-16-17,6.0-11,7.11-6,7.13-9, 7.13-11, Figs 2.0-14-15, Table 7.13-6	Yes	

Adequacy Issue: Adequate _____ Inadequate **X**

DATA ADEQUACY WORKSHEET

Revision No. 1 Date 3/6/2000

Technical Area: Water Resources

Project: Blythe Energy Project

Technical Staff: Rich Sapudar

Project Manager: Lance Shaw

Docket: 99-AFC-8

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) (14) (C) (iv)	A description of all facilities to be used in water conveyance, treatment, and discharge. Include a water mass balance diagram.	7.11-13, 2.0-17-20,2.0-21-26,7.11-6,7.13-9,7.13-13 Tabs 2.0-1-2, Figs 7.13-5-6 Fig 2.0-1 Fig 2.0-17 Fig 2.0-8 Fig 7.13-4a-4b Fig 7.13-24	Yes	
Appendix B (g) (14) (D)	A description of pre-, and post-construction runoff and drainage patterns, including:	See Geologic Resources		
Appendix B (g) (14) (D) (i)	Precipitation and storm runoff patterns; and	See Geologic Resources		
Appendix B (g) (14) (D) (ii)	Drainage facilities and design criteria.	See Geologic Resources		
Appendix B (g) (14) (E)	An assessment of the effects of the proposed project on water resources. This discussion shall include:	2.0-16,2.0-23,7.13-23 Appendix 7.13	Yes	
Appendix B (g) (14) (E) (i)	The effects of project demand on the water supply and other users of this source;	7.13-23 Appendix 7.13	Yes	
Appendix B (g) (14) (E) (ii)	The effects of construction activities and plant operation on water quality; and	7.13-23,8.0-3 Appendix 7.13	Yes	
Appendix B (g) (14) (iii)	The effects of the project on the 100-year flood plain or other water inundation zones.	See Geologic Resources		
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;	1.0-1-2,1.0-5,7.13-1,7.13-18-23,7.13-25-27 Table 7.14-2	Yes	

Adequacy Issue: Adequate _____ Inadequate **X**

DATA ADEQUACY WORKSHEET

Revision No. 1 Date 3/6/2000

Technical Area: Water Resources

Project: Blythe Energy Project

Technical Staff: Rich Sapudar

Project Manager: Lance Shaw

Docket: 99-AFC-8

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.	Table 7.13-9	Yes	
Appendix B (h) (2)	A discussion of the conformity of the project with the requirements listed in subsection (h)(1)(A).	7.16-10-12	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.	7.13-29	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.	1.0-4, Tab 7.13-10 Fig 1.0-10 Page 7.13-24a Feb 2000	Yes	Schedule for activities/requirements for obtaining water supply from PVID, WDRs from Regional Water Quality Control Board, NPDES permit for construction are required.

Adequacy Issue: Adequate Inadequate

DATA ADEQUACY WORKSHEET

Revision No. 1 Date 2/28/2000

Technical Area: Worker Safety

Project: Blythe

Technical Staff: Bob Strand

Project Manager: Lance Shaw

Docket: 99-AFC-8

Technical Senior: Bob Strand

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (1)	...provide a discussion of the existing site conditions, the expected direct, indirect and cumulative impacts due to the construction, operation and maintenance of the project, the measures proposed to mitigate adverse environmental impacts of the project, the effectiveness of the proposed measures, and any monitoring plans proposed to verify the effectiveness of the mitigation.	Section 2.2.1, page 2.0-1 Section 7.10.1, pages 7.10-1 to 5 Section 7.10.2, page 7.10-6 Section 7.10.5, page 7.10-18	Yes	
Appendix B (g) (11) (A)	A description of the safety training programs which will be required for construction and operation personnel.	Table 7.10-3, page 7.10-8 Table 7.10-4, page 7.10-9	Yes	
Appendix B (g) (11) (B)	A complete description of the fuel handling system and the fire suppression system.	Section 2.2.8, pages 2.0-15 to 16 Section 2.3.2.1, pages 2.0-32 to 33	Yes	
Appendix B (g) (11) (C)	Provide draft outlines of the Construction Health and Safety Program and the Operation Health and Safety Program, as follows: Construction Health and Safety Program: * Injury and Illness Prevention Plan (8 Cal. Code Regs., § 1509); * Fire Protection and Prevention Plan (8 Cal. Code Regs., § 1920); * Personal Protective Equipment Program (8 Cal. Code Regs., §§ 1514-1522) Operation Health and Safety Program: * Injury and Illness Prevention Program (8 Cal. Code Regs., § 3203); * Fire Prevention Plan (8 Cal. Code Regs., § 3221); * Emergency Action Plan (8 Cal. Code Regs., § 3220); * Personal Protective Equipment Program (8 Cal. Code Regs., §§ 3401-3411).	Section 7.10.3.1, pages 7.10-6 to 13 Section 7.10.3.2, pages 7.10-13 to 18 Section 7.10.3.1.1, page 7.10-7 Section 7.10.3.1.2, page 7.10-10 Section 7.10.3.1.3, page 7.10-10 Section 7.10.3.2.1, pages 7.10-13 to 14 Section 7.10.3.2.2, page 7.10-14 Section 7.10.3.2.3, page 7.10-14 Section 7.10.3.2.4, page 7.10-15	Yes Yes Yes Yes Yes Yes Yes Yes	

Adequacy Issue: Adequate Inadequate
 Technical Area: Worker Safety
 Project Manager: Lance Shaw

DATA ADEQUACY WORKSHEET

Revision No. 1 Date 2/28/2000
 Technical Staff: Bob Strand
 Technical Senior: Bob Strand

Project: Blythe
 Docket: 99-AFC-8

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;	<u>Table 7.10-5 (Revised Feb 2000), -19 to 24</u>	Yes	Please identify the pages in the application on which conformance with each law or standard during both construction and operation of the facility are 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.	Table 7.10-6, page 7.10-25	Yes	
Appendix B (h) (2)	A discussion of the conformity of the project with the requirements listed in subsection (h)(1)(A).	Section 7.10.2, page 7.10-6 Section 7.10.3, page 7.10-6	Yes	
Appendix B (h) (3)	The name, title, phone number, and address, if known, of an official within each agency who will serve as a contact person for the agency.	Table 7.10-7, page 7.10-25 <u>Section 7.10.8 (Revised Feb. 2000)</u>	Yes	Please provide a contact for the Riverside County Fire Department as follows: Captain Tom Ramsey, Riverside County Fire Department 82675 Hwy 111, Rm 209 Indio, CA 92201 Phone #: (760) 863-8886
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		