State Of California | The Resources Agency of California

Memorandum

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

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

DOCKET
05-AFC-3
DATE JAN 30 2006
RECD JAN 30 2006

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

B. B. Blevins
Executive Director

Subject: **REVISED SUN VALLEY ENERGY PROJECT DATA ADEQUACY RECOMMENDATION (05-AFC-3)**

On December 1, 2005, Valle del Sol Energy, LLC, (VSE) a wholly-owned subsidiary of Edison Mission Energy, submitted an Application for Certification (AFC) for the proposed Sun Valley Energy Project (SVEP). VSE proposes to build a 500 megawatt natural gas-fired simple-cycle power plant near Romoland (Riverside County). The proposed project consists of five 100 MW General Electric LMS100 combustion turbine generators and associated equipment, and would use recycled water for cooling and other plant processes. The project would connect to the Southern California Edison (SCE) electrical transmission grid through a 115 kilovolt connection with the SCE Valley Substation. The project is designed as a peaking facility to meet electric generation load during periods of high demand.

Staff's initial data adequacy review of the AFC determined that it did not meet all the requirements listed in Title 20, section 1704, and Division 2, Chapter 5, Appendix B of the California Code of Regulations for the 12-month process. Specifically the AFC was deficient in 5 of 23 areas: Air Quality, Project Overview, Socioeconomics, Transmission System Engineering, and Water Resources. Subsequent to our December 21, 2005 recommendation that the Commission deem the AFC data inadequate, VSE provided a draft AFC supplement on January 10, 2006 that staff evaluated and determined satisfied all deficiencies except air quality. VSE docketed 125 copies of the supplemental material on January 13, 2006, and docketed confidential air quality information under separate cover on January 12th, and 25th. Staff's review of the supplemental information has determined that the AFC now meets the above-listed requirements in all 23 technical disciplines.

Attached is a summary table and revised data adequacy worksheets for the five technical disciplines previously determined to be data inadequate, reflecting that the supplemental information submitted by VSE makes the AFC adequate.

At the Energy Commission's business meeting on February 1, 2006, I will recommend that the Energy Commission accept the AFC with supplemental information as data adequate, and request that a Committee be appointed for the project.

If you have questions, please call Robert Worl, staff's Project Manager, at (916) 651-8853.

Attachments

ATTACHMENT A
OVERVIEW OF ENERGY COMMISSION STAFF'S
REVISED DATA ADEQUACY DETERMINATION
SUN VALLEY ENERGY PROJECT
05-AFC-3

TECHNICAL AREA	ATTACHMENT B PAGE NO	ADEQUATE ?
AIR QUALITY	1	YES
PROJECT OVERVIEW	9	YES
SOCIOECONOMICS	12	YES
TRANSMISSION SYSTEM ENGINEERING	19	YES
WATER RESOURCES	22	YES

ATTACHMENT B

ENERGY COMMISSION STAFF'S
Data Adequacy Determinations
Revised to Reflect AFC Supplement
And Confidential Air Quality Submittals

Sun Valley Energy Project
05-AFC-3

January 30, 2006

Adequacy Issue: Adequate **X** Inadequate ____

DATA ADEQUACY WORKSHEET

Revision No. 1 Date January 30, 2006

Technical Area: **Air Quality**
Project Manager: Robert Worl

Project: Sun Valley Energy Project
Docket: 05-AFC-3

Technical Staff: Tuan Ngo
Technical Senior: ~~Keith Golden~~ Matthew Layton

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (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. 8.1.1, pp. 8.1-1 to 31 Sec. 8.1.2.3, pp. 8.1-47 to 64 - App. 8.1B Sec. 8.1.2.2.1, pp. 8.1-42 to 46 Sec. 8.1.4, pp. 8.1-69 to 87 - App. 8.1F Sec. 8.1.5.2.3, pp. 8.1-84 to 85 Confidential Offset Strategy, Sun Valley Project, January 12, and 25, 2006, letters to B. B. Blevins from Scott A. Galati; As referenced in the January 2006 Confidential Filings a rulemaking is under way: Proposed Amended Rule 1309.1 — Priority Reserve (PAR 1309.1) and Proposed Rule 1316 – Requirements for Federal Major Modifications (PR 1316). September 30, 2005, Notice of Public Hearing. As referenced in the AFC Sec. 8.1.4, and the January 2006 Confidential Filings, a redesignatioin request is underway: Carbon Monoxide Attainment Redesignation Request and Maintenance Plan and O_3 and PM_{10} Revised Control Measure Adoption/Implementation Schedule, December 22, 2004.	~~No~~ Yes	~~Need to identify specific locations and quantity of emission reduction credits that are earmarked for this project. Also, need to include a discussion of the effectiveness of the identified emission reduction credits (offsets) in mitigating the project impacts~~.

Adequacy Issue: Adequate **X** Inadequate ____

DATA ADEQUACY WORKSHEET

Revision No. 1 Date January 30, 2006

Technical Area: **Air Quality**
Project: Sun Valley Energy Project
Technical Staff: Tuan Ngo
Project Manager: Robert Worl
Docket: 05-AFC-3
Technical Senior: ~~Keith Golden~~ Matthew Layton

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (8) (A)	The information necessary for the air pollution control district where the project is located to complete a Determination of Compliance.	Supplement filing "Application for a Permit to Construct for the Sun Valley Energy Project" South Coast Air Quality Management District Dec. 13, 2005 Notice of Completeness.	Yes	
Appendix B (g) (8) (B)	The heating value and chemical characteristics of the proposed fuels, the stack height and diameter, the exhaust velocity and temperature, the heat rate and the expected capacity factor of the proposed facility.	Table 8.1.20 - App. 8.1A	Yes	
Appendix B (g) (8) (C)	A description of the control technologies proposed to limit the emission of criteria pollutants.	Sec. 8.1.5.2.3, pp. 8.1-84 to 86 - App. 8.1F	Yes	
Appendix B (g) (8) (D)	A description of the cooling system, the estimated cooling tower drift rate, the rate of water flow through the cooling tower, and the maximum concentrations of total dissolved solids.	Sec. 8.1.2.2, pp. 8.1-41 - App. 8.1A	Yes	
Appendix B (g) (8) (E)	The emission rates of criteria pollutants from the stack, cooling towers, fuels and materials handling processes, delivery and storage systems, and from all secondary emission sources.	Sec. 8.1.2.2, pp. 8.1-41 to 46 - App. 8.1A	Yes	
Appendix B (g) (8) (F)	A description of typical operational modes, and start-up and shutdown modes for the proposed project, including the estimated frequency of occurrence and duration of each mode, and estimated emission rate for each criteria pollutant during each mode.	Sec. 8.1.2.2, Tables 8.1-21 to 25 - App. 8.1A	Yes	

Adequacy Issue: Adequate **X** Inadequate ____

DATA ADEQUACY WORKSHEET

Revision No. 1 Date January 30, 2006

Technical Area: **Air Quality** Project: Sun Valley Energy Project Technical Staff: Tuan Ngo

Project Manager: Robert Worl Docket: 05-AFC-3 Technical Senior: ~~Keith Golden~~ Matthew Layton

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (8) (G)	The ambient concentrations of all criteria pollutants for the previous three years as measured at the three Air Resources Board certified monitoring stations located closest to the project site, and an analysis of whether this data is representative of conditions at the project site. The applicant may substitute an explanation as to why information from one, two, or all stations is either not available or unnecessary.	Sec. 8.1.1.3, pp. 8.1-18 to 40, pp. 8.1-51 to 52	Yes	
Appendix B (g) (8) (H)	One year of meteorological data collected from either the Federal Aviation Administration Class 1 station nearest to the project or from the project site, or meteorological data approved by the California Air Resources Board or the local air pollution control district.	Sec. 8.1.2.3.1, pp. 8.1-52 - App. 8.1B	Yes	
Appendix B (g) (8) (H) (i)	If the data is collected from the project site, the applicant shall demonstrate compliance with the requirements of the U.S. Environmental Protection Agency document entitled "On-Site Meteorological Program Guidance for Regulatory Modeling Applications" (EPA - 450/4-87-013 (August 1995), which is incorporated by reference in its entirety.)	N/A	N/A	
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.	Fig. 8.1.3A to 3E, pp. 8.1-6 to 16	Yes	
Appendix B (g) (8) (I)	An evaluation of the project's direct and cumulative air quality impacts, consisting of the following:			

Adequacy Issue: Adequate **X** Inadequate ____

DATA ADEQUACY WORKSHEET

Revision No. 1 Date January 30, 2006

Technical Area: **Air Quality** Project: Sun Valley Energy Project Technical Staff: Tuan Ngo

Project Manager: Robert Worl Docket: 05-AFC-3 Technical Senior: ~~Keith Golden~~ Matthew Layton

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (8) (I) (i)	A screening level air quality modeling analysis, or a more detailed modeling analysis if so desired by the applicant, of the direct inert pollutant impacts of project construction activities on ambient air quality conditions, including fugitive dust (PM_{10}) emissions from grading, excavation and site disturbance, as well as the combustion emissions [nitrogen oxides (NO_x), sulfur dioxide (SO_2), carbon monoxide (CO), and particulate matter less than 10 microns in diameter (PM_{10})] from construction-related equipment;	Sec. 8.1.2.3, pp. 8.1-47 to 68 - App. 8.1B Sec. 8.1.2.2.2, pp. 8.1-45 - App. 8.1E	Yes	
Appendix B (g) (8) (I) (ii)	A screening level air quality modeling analysis, or a more detailed modeling analysis if so desired by the applicant, of the direct inert criteria pollutant (NO_x, SO_2, CO and PM_{10}) impacts on ambient air quality conditions of the project during typical (normal) operation, and during shutdown and startup modes of operation. Identify and include in the modeling of each operating mode the estimated maximum emissions rates and the assumed meteorological conditions; and	Sec. 8.1.2.3, pp. 8.1-47 to 68 - App. 8.1B	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.	Sec. 8.1.3, pp. 8.1-69 - App. 8.1H	Yes	

Adequacy Issue: Adequate **X** Inadequate ____

DATA ADEQUACY WORKSHEET

Revision No. 1 Date January 30, 2006

Technical Area: **Air Quality**
Project: Sun Valley Energy Project
Technical Staff: Tuan Ngo
Project Manager: Robert Worl
Docket: 05-AFC-3
Technical Senior: ~~Keith Golden~~ Matthew Layton

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (8) (J)	If an emission offset strategy is proposed to mitigate the project's impacts under subsection (g)(1), provide the following information:			
Appendix B (g) (8) (J) (i)	The quantity of offsets needed;	Sec. 8.1.4, pp. 8.1-69 to 71 - App. 8.1G	Yes	
Appendix B (g) (8) (J) (ii)	Potential offset sources, including location, and quantity of emission reductions; and	Sec. 8.1.4, pp. 8.1-69 to 71 - App. 8.1G Confidential Offset Strategy, Sun Valley Project, January 12, and 25, 2006, letters to B. B. Blevins from Scott A. Galati As referenced in the January 2006 Confidential Filings a rulemaking is under way: Proposed Amended Rule 1309.1 — Priority Reserve (PAR 1309.1) and Proposed Rule 1316 – Requirements for Federal Major Modifications (PR 1316). September 30, 2005, Notice of Public Hearing. As referenced in the AFC Sec. 8.1.4, and the January 2006 Confidential Filings, a redesignatioin request is underway: Carbon Monoxide Attainment Redesignation Request and Maintenance Plan and O_3 and PM_{10} Revised Control Measure Adoption/Implementation Schedule, December 22, 2004.	~~No~~ Yes	~~Need to identify specific locations and quantity of emission reduction credits that are earmarked for this project.~~

Adequacy Issue: Adequate **X** Inadequate ____

DATA ADEQUACY WORKSHEET

Revision No. 1 Date January 30, 2006

Technical Area: **Air Quality**
Project: Sun Valley Energy Project
Technical Staff: Tuan Ngo
Project Manager: Robert Worl
Docket: 05-AFC-3
Technical Senior: ~~Keith Golden~~ Matthew Layton

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (8) (J) (iii)	Method of emission reduction.	Sec. 8.1.4, pp. 8.1-69 to 71 - App. 8.1G Confidential Offset Strategy, Sun Valley Project, January 12, and 25, 2006, letters to B. B. Blevins from Scott A. Galati As referenced in the January 2006 Confidential Filings a rulemaking is under way: Proposed Amended Rule 1309.1 — Priority Reserve (PAR 1309.1) and Proposed Rule 1316 – Requirements for Federal Major Modifications (PR 1316). September 30, 2005, Notice of Public Hearing. As referenced in the AFC Sec. 8.1.4, and the January 2006 Confidential Filings, a redesignatioin request is underway: Carbon Monoxide Attainment Redesignation Request and Maintenance Plan and O_3 and PM_{10} Revised Control Measure Adoption/Implementation Schedule, December 22, 2004.	~~No~~ Yes	~~Need to provide the method to achieve the reductions for the potential emission reduction credits identified above.~~
Appendix B (g) (8) (K)	A topographic map containing contour and elevation data, at a scale of 1:24,000, showing the area within 6 miles of the power plant site.	Fig. 8.1-1, pp. 8.1-3	Yes	

Adequacy Issue: Adequate **X** Inadequate ____

DATA ADEQUACY WORKSHEET

Revision No. 1 Date January 30, 2006

Technical Area: **Air Quality** Project: Sun Valley Energy Project Technical Staff: Tuan Ngo

Project Manager: Robert Worl Docket: 05-AFC-3 Technical Senior: ~~Keith Golden~~ Matthew Layton

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (h) (1) (A)	Tables which identify laws, regulations, ordinances, standards, adopted local, regional, state, and federal land use plans, and permits applicable to the proposed project, and a discussion of the applicability of each. The table or matrix shall explicitly reference pages in the application wherein conformance, with each law or standard during both construction and operation of the facility is discussed;	Table 8.1-49, pp. 8.1-91 to 95	Yes	
Appendix B (h) (1) (B)	Tables which identify each agency with jurisdiction to issue applicable permits and approvals or to enforce identified laws, regulations, standards, and adopted local, regional, state and federal land use plans, and agencies which would have permit approval or enforcement authority, but for the exclusive authority of the commission to certify sites and related facilities.	Table 8.1-50, pp. 8.1-90	Yes	
Appendix B (h) (2)	A discussion of the conformity of the project with the requirements listed in subsection (h)(1)(A).	Table 8.1-49, pp. 8.1-91 to 95	Yes	
Appendix B (h) (3)	The name, title, phone number, and address, if known, of an official within each agency who will serve as a contact person for the agency.	Table 8.1-50, pp. 8.1-90	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. 8.1.7, Table 8.1-49, pp. 8.1-90 to 95	Yes	

Adequacy Issue: Adequate **X** Inadequate ____

DATA ADEQUACY WORKSHEET

Revision No. 1 Date January 30, 2006

Technical Area: **Project Overview**
Project Manager Robert Worl

Project: Sun Valley Energy Project
Docket: 05-AFC-3

Technical Staff: Robert Worl
Technical Senior: Eileen Allen

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
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.		NA	See each Technical Section for Adequacy of this item.
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		NA	See each Technical Section for Adequacy of this item.
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		NA	See each Technical Section for Adequacy of this item.
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.	§ 8.0 § 8.1 through 8.16 Appendix § 1D	Yes	
Appendix B (a) (1) (A)	A general description of the proposed site and related facilities, including the location of the site or transmission routes, the type, size and capacity of the generating or transmission facilities, fuel characteristics, fuel supply, water supply, pollution control systems, and other general characteristics.	§ 1.0, pp. 1-1 through 1-11 Figures 1.1-1, 1.1-2, 1.1-3 § 2.0, pp 2-1 through 2-26 Figures 2.1-1, 2.1-2, 2.1-3	Yes	
Appendix B (a) (1) (B)	Identification of the location of the proposed site and related facilities by section, township, range, county and assessors parcel numbers.	§ 1.2.1, p 2-1, Figure 2.1-1 Appendix 1A and 1B	Yes	
Appendix B (a) (1) (C)	A description of and maps depicting the region, the vicinity, and the site and its immediate surroundings.	§ 1.0, p 1-1; Figures 1.1-2, 1.1-3	Yes	

Adequacy Issue: Adequate **X** Inadequate ____

DATA ADEQUACY WORKSHEET

Revision No. 1 Date January 30, 2006

Technical Area: **Project Overview**

Project: Sun Valley Energy Project

Technical Staff: Robert Worl

Project Manager: Robert Worl

Docket: 05-AFC-3

Technical Senior: Eileen Allen

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (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.	§ 1.0, Figure 1.1-1; January 2006 Supplement to AFC, § 2.0, Figure 2.1-S1, 2.1-S2a, 2.1-S2b	~~No~~ Yes	~~Please provide a full-page color photographic reproduction depicting the visual appearance of the site prior to construction.~~
Appendix B (a) (1) (E)	In an appendix to the application, a list of current assessor's parcel numbers and owners' names and addresses for all parcels within 500 feet of the proposed transmission line and other linear facilities, and within 1000 feet of the proposed powerplant and related facilities.	Appendix 1A, and 1B	Yes	
Appendix B (a) (2)	Project Schedule: Proposed dates of initiation and completion of construction, initial start-up, and full-scale operation of the proposed facilities.	§ 1.3, p 1-2 § 2.1.15, pp 2-17 to 2-18	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.	§§ 1.1 and 1.2, pp 1-2 and 1-2	Yes	
Appendix B (a) (3) (B)	A list of all owners and operators of the proposed electric transmission facilities.	§ 2.0, p 2-1	Yes	
Appendix B (a) (3) (C)	A description of the legal relationship between the applicant and each of the persons or entities specified in subsections (a)(3)(A) and (B).	§§ 1.1 and 1.2, pp1-1, 1-2 § 2.0, p 2-1	Yes	

Adequacy Issue: Adequate **X** Inadequate ____

DATA ADEQUACY WORKSHEET

Revision No. 1 Date January 30, 2006

Technical Area: **Project Overview**
Project Manager Robert Worl
Project: Sun Valley Energy Project
Docket: 05-AFC-3
Technical Staff: Robert Worl
Technical Senior: Eileen Allen

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (b) (1) (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;	§ 2.0, Figure 2.1-1 Appendix § 1A	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;	§ 2.0, Figures 2.1-1, 2.1-2	Yes	
Appendix B (b) (1) (C)	A detailed description of the design, construction and operation of the facilities, specifically including the power generation, cooling, water supply and treatment, waste handling and control, pollution control, fuel handling, and safety, emergency and auxiliary systems, and fuel types and fuel use scenarios; and	§ 2.1.3 through 2.3.5.2, Pp 2-9 through 2-26	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).	§ 8.6, Figures 8.6-1, 8.6-2, and 8.6-3	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.	January 2006 Supplement to AFC, § 2.0, Figure 2.1-S2b	~~No~~ 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.~~

Adequacy Issue: Adequate **X** Inadequate ____

DATA ADEQUACY WORKSHEET

Revision No. 1 Date January 30, 2006

Technical Area: **Project Overview**

Project: Sun Valley Energy Project

Technical Staff: Robert Worl

Project Manager: Robert Worl

Docket: 05-AFC-3

Technical Senior: Eileen Allen

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (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.		NA	
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.		NA	
Appendix B (d) (2)	Updates of any significant information which has changed since the Commission's Final Decision on the NOI.		NA	
Appendix B (e) (1)	A discussion of how facility closure will be accomplished in the event of premature or unexpected cessation of operations.	§ 4.0	Yes	

Adequacy Issue: Adequate **x** Inadequate ____

DATA ADEQUACY WORKSHEET

Revision No. 1 Date January 30, 2006

Technical Area: **Socioeconomics** Project: Sun Valley Energy Project Technical Staff: Joseph Diamond Ph. D.

Project Manager: Robert Worl Docket: 05-AFC-3 Technical Senior: Dale Edwards

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (1)	...provide a discussion of the existing site conditions, the expected direct, indirect and cumulative impacts due to the construction, operation and maintenance of the project, the measures proposed to mitigate adverse environmental impacts of the project, the effectiveness of the proposed measures, and any monitoring plans proposed to verify the effectiveness of the mitigation.	Section 1.1 Project Overview, page1-1. Section 8.10 Socioeconomics, page 8.10-1. Section 8.10.1.1 Population, pages 8.10-1 and 2. Section 8.10.2.2 Construction Impacts, pages 8.10-11 to 8.10-16. Section 8.10.2.3 Operation Impacts, pages 8.10-16 to 8.10-18. Section 8.10.3 Cumulative Impacts, page 8.10-19. Section 8.10-4 Mitigation Measures, page 8.10-20.	Yes	
Appendix B (g) (7) (A)	A description of the socioeconomic circumstances of the vicinity and region affected by construction and operation of the project. Include:			
Appendix B (g) (7) (A) (i)	The economic characteristics, including the economic base, fiscal resources, and a list of the applicable local agencies with taxing powers and their most recent and projected revenues;	Section 8.10.1.4 Economy and Employment, pages 8.10-5 to 8.10-6. Section 8.10.1.5 Fiscal Resources, page 8.10-7.	Yes	

Adequacy Issue: Adequate **x** Inadequate ____

DATA ADEQUACY WORKSHEET

Revision No. 1 Date January 30, 2006

Technical Area: **Socioeconomics** Project: Sun Valley Energy Project Technical Staff: Joseph Diamond Ph. D.

Project Manager: Robert Worl Docket: 05-AFC-3 Technical Senior: Dale Edwards

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (7) (A) (ii)	The social characteristics, including population and demographic and community trends;	Section 8.10.1.1 Population, pages 8.10-1 to 8.10-2. Section 8.10.1.2 Minority and Poverty Populations, pages 8.10-2 to 8.10-3.	Yes	
Appendix B (g) (7) (A) (iii)	Existing and projected unemployment rates;	Table 8.10-8 Employment Data 2004, page 8.10-6. Section 8.10.1.4 Economy and Employment, page 8.10-5.	Yes	
Appendix B (g) (7) (A) (iv)	Availability of skilled workers by craft required for construction and operation of the project;	Section 8.10.2.2.1 Construction Workforce, pages 8.10-11 to 8.10-13. Section 8.10.2.3 Operational Impacts, page 8.10-16.	Yes	
Appendix B (g) (7) (A) (v)	Availability of temporary and permanent housing; and	Section 8.10.1.3 Housing, page 8.10-5. Section 8.10.2.2.3 Housing Impacts, page 8.10-14.	Yes	

Adequacy Issue: Adequate **x** Inadequate ____

DATA ADEQUACY WORKSHEET

Revision No. 1 Date January 30, 2006

Technical Area: **Socioeconomics**
Project: Sun Valley Energy Project
Technical Staff: Joseph Diamond Ph. D.
Project Manager: Robert Worl
Docket: 05-AFC-3
Technical Senior: Dale Edwards

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (7) (A) (vi)	Capacities, existing and expected use levels, and planned expansion of utilities (gas, water and waste) and public services, including fire protection, law enforcement, emergency response, medical facilities, other assessment districts, and school districts. For projects outside metropolitan areas with a population of 500,000 or more, information for each school district shall include current enrollment and yearly expected enrollment by grade level groupings, excluding project-related changes, for the duration of the project construction schedule.	Section 8.10.1.6 Education, page 8.10-8. 8.10.1.7 Public Services and Facilities, pages 8.10-9 to 8.10-10.	Yes	
Appendix B (g) (7) (B)	A discussion of the socioeconomic impacts caused by the construction and operation of the project, including:			
Appendix B (g) (7) (B) (i)	The number of workers to be employed each month by craft during construction and operation;	Table 8.10-11, Construction Personnel by Month, pages 8-11 to 8.10-12. Section 8.10.2.3 Operational Impacts, page 8.10-16.	Yes	

Adequacy Issue: Adequate **x** Inadequate ____

DATA ADEQUACY WORKSHEET

Revision No. 1 Date January 30, 2006

Technical Area: **Socioeconomics** Project: Sun Valley Energy Project Technical Staff: Joseph Diamond Ph. D.

Project Manager: Robert Worl Docket: 05-AFC-3 Technical Senior: Dale Edwards

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (7) (B) (ii)	An estimate of the number and percentage of workers who will commute daily, commute weekly, or relocate in order to work on the project;	Section 8.12.2.2.1 Construction Impacts, Trip Generation, pages 8.12-15 to 8.12-16. Section 8.10.2.2.1 Construction Workforce, page 8.10-13. Section 8.10.3 Cumulative Impacts, page 8.10-19.	Yes	
Appendix B (g) (7) (B) (iii)	An estimate of the potential population increase caused directly and indirectly by the project;	Section 8.10.2.3.2 Population Impacts, page 8.10-16.	Yes	
Appendix B (g) (7) (B) (iv)	The potential impact of population increase on housing during the construction and operations phases;	Section 8.10.2.3.3 Housing Impacts, page 8.10-16.	Yes	

Adequacy Issue: Adequate **x** Inadequate ____

DATA ADEQUACY WORKSHEET

Revision No. 1 Date January 30, 2006

Technical Area: **Socioeconomics** Project: Sun Valley Energy Project Technical Staff: Joseph Diamond Ph. D.

Project Manager: Robert Worl Docket: 05-AFC-3 Technical Senior: Dale Edwards

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (7) (B) (v)	The potential impacts, including additional costs, on utilities (gas, water and waste) and public services, including fire, law enforcement, emergency response, medical facilities, other assessment districts, and school districts. For projects outside metropolitan areas with a population of 500,000 or more, information on schools shall include project-related enrollment changes by grade level groupings and associated facility and staffing impacts by school district during the construction and operation phases;	Section 8.10.2.2.6 Impacts on Education, page 8.10-15. Section 8.10.2.2.7 Impacts on Public Services and Facilities, pages 8.10-15 to 8.10-16. Section 8.10.2.2.8 Impacts on Utilities, page 8.10-16. Section 8.10.2.3.6 Impacts on Education, pages 8.10-17 to 8.10-18. Section 8.10.2.3.7 Impacts on Public Services and Facilities, page 8.10-18. Section 8.10.2.3.8 Impacts on Utilities, page 8.10-18.	Yes	
Appendix B (g) (7) (B) (vi)	An estimate of applicable school impact fees;	8.10.2.3.6 Impacts on Education, page 8.10-18. Draft SVEP DA Supplement 1/09/2006 Section 8.10 Socioeconomics, Question 1 and Response, page S-8.	~~No~~ Yes	~~Please provide an estimate of school impact fees.~~

Adequacy Issue: Adequate x Inadequate ___

DATA ADEQUACY WORKSHEET

Revision No. 1 Date January 30, 2006

Technical Area: **Socioeconomics** Project: Sun Valley Energy Project Technical Staff: Joseph Diamond Ph. D.

Project Manager: Robert Worl Docket: 05-AFC-3 Technical Senior: Dale Edwards

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (7) (B) (vii)	An estimate of the total construction payroll and an estimate of the total operation payroll;	Section 8.10.2.2.1 Construction Workforce, page 8.10-11. Section 8.10.2.3.4 Impacts to the Local Economy, page 8.10-17.	Yes	
Appendix B (g) (7) (B) (viii)	An estimate of the expenditures for locally purchased materials for the construction and operation phases of the project; and	Section 8.10.2.2.4 Fiscal Impacts, page 8.10-15. Section 8.10.2.3.5 Fiscal Impacts, page 8.10-17. Draft SVEP DA Supplement Section 8.10 Socioeconomics Question 2 and Response, page S-8.	~~No~~ Yes	~~Please provide an estimate of locally (within Riverside County) purchased materials for the SVEP during the operations phase.~~
Appendix B (g) (7) (B) (ix)	An estimate of the capital cost of the project of the potential impacts on tax revenues from construction and operation of the project.	Section 8.10.2.2.5 Fiscal Impacts, page 8.10-15. Section 8.10.2.3.5 Fiscal Impacts, page 8.10-17. Draft SVEP DA Supplement Section 8.10 Socioeconomics Question 3 and Response, pages S-8 and 9.	~~No~~ Yes	~~Please provide an estimate of property taxes on the SVEP and its distribution.~~

Adequacy Issue: Adequate x Inadequate ____

DATA ADEQUACY WORKSHEET

Revision No. 1 Date January 30, 2006

Technical Area: **Socioeconomics** Project: Sun Valley Energy Project Technical Staff: Joseph Diamond Ph. D.

Project Manager: Robert Worl Docket: 05-AFC-3 Technical Senior: Dale Edwards

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (h) (1) (A)	Tables which identify laws, regulations, ordinances, standards, adopted local, regional, state, and federal land use plans, and permits applicable to the proposed project, and a discussion of the applicability of each. The table or matrix shall explicitly reference pages in the application wherein conformance, with each law or standard during both construction and operation of the facility is discussed;	Table 8.10-15, Laws, Ordinances, Regulations, and Standards Applicable To SVEP Socioeconomics, page 8.10-20.	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.	Same as above.	Yes	
Appendix B (h) (2)	A discussion of the conformity of the project with the requirements listed in subsection (h)(1)(A).	Section 8.10.4 Mitigation Measures, page 8.10-20.	Yes	
Appendix B (h) (3)	The name, title, phone number, and address, if known, of an official within each agency who will serve as a contact person for the agency.	Section 8.10.6 Involved Agencies and Agency Contacts, page 8.10-21.	Yes	

Adequacy Issue: Adequate **X** Inadequate ____

DATA ADEQUACY WORKSHEET

Revision No. 01 Date January 30, 2006

Technical Area: **Transmission System Eng.**
Project: Sun Valley Energy project
Technical Staff: Sudath Arachchige
Project Manager: Robert Worl
Docket: 05-AFC-3
Technical Senior: Mark Hesters

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (i) (2) (A)	A discussion of the need for the additional electric transmission lines, substations, or other equipment, the basis for selecting principal points of junction with the existing electric transmission system, and the capacity and voltage levels of the proposed lines, along with the basis for selection of the capacity and voltage levels.	Section 2.1.5 Pages 2-10 Section 2.1.14 Section 5.0,5.1,5.2 System Impact Study Appendix 5A Figure 5.1-2 (Single Line Diagram), Figure 5.1-3 (Monopole Tower)	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 2.0,2.1.5 Section 5.1	Yes	

Adequacy Issue: Adequate **X** Inadequate ____

DATA ADEQUACY WORKSHEET

Revision No. 01 Date January 30, 2006

Technical Area: **Transmission System Eng.**
Project Manager: Robert Worl

Project: Sun Valley Energy project
Docket: 05-AFC-3

Technical Staff: Sudath Arachchige
Technical Senior: Mark Hesters

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (b) (2) (C)	A detailed description of the design, construction, and operation of any electric transmission facilities, such as power lines, substations, switchyards, or other transmission equipment, which will be constructed or modified to transmit electrical power from the proposed power plant to the load centers to be served by the facility. Such description shall include the width of rights of way and the physical and electrical characteristics of electrical transmission facilities such as towers, conductors, and insulators. This description shall include power load flow diagrams which demonstrate conformance or nonconformance with utility reliability and planning criteria at the time the facility is expected to be placed in operation and five years thereafter; and	Section 2.0 Pages 2-1 to 2 Section 2.1.5 Pages 2-10 Interconnection System Impact Study, Appendix 5A. Figure 5.1-2 (Single Line Diagram), Figure 5.1-3 (Monopole Tower design) Appendix 10D 3.1,10D 3.2; January, 2006 Supplement to the AFC. Appendix 5A, Tables 3-1, and 3-2.	~~No~~- Yes	~~Provide power flow diagrams (MVA, % loading & P. U. voltage) for all N-1 and N-2 contingencies where overloads or voltage violations appear~~-.
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 2.1.5 Pages 2-10 Section 5.1,5.2 Figure 5.1-2 (Single Line Diagram), Figure 5.1-3 (Monopole Tower design)	Yes	

Adequacy Issue: Adequate **X** Inadequate ____

DATA ADEQUACY WORKSHEET

Revision No. 01 Date January 30, 2006

Technical Area: **Transmission System Eng.**
Project: Sun Valley Energy project
Technical Staff: Sudath Arachchige
Project Manager: Robert Worl
Docket: 05-AFC-3
Technical Senior: Mark Hesters

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (h) (1) (A)	Tables which identify laws, regulations, ordinances, standards, adopted local, regional, state, and federal land use plans, and permits applicable to the proposed project, and a discussion of the applicability of each. The table or matrix shall explicitly reference pages in the application wherein conformance, with each law or standard during both construction and operation of the facility is discussed;	Section 5.4, Table 5.4-1 Pages 5-14 Appendix 10D2	Yes	
Appendix B (h) (1) (B)	Tables which identify each agency with jurisdiction to issue applicable permits and approvals or to enforce identified laws, regulations, standards, and adopted local, regional, state and federal land use plans, and agencies which would have permit approval or enforcement authority, but for the exclusive authority of the commission to certify sites and related facilities.	Section 5.4.7,Table 5.4-7 Pages 5-16 to 5-17 Section 8.16.5,Table 8.16-10	Yes	
Appendix B (h) (2)	A discussion of the conformity of the project with the requirements listed in subsection (h) (1) (A).	Section 10D2, Appendix 10D	Yes	
Appendix B (h) (3)	The name, title, phone number, and address, if known, of an official within each agency who will serve as a contact person for the agency.	Section 10.5, Table 10.4-2 Section 8.16.4 Table 8.16-9	Yes	
Appendix B (h) (4)	A schedule indicating when permits outside the authority of the commission will be obtained and the steps the applicant has taken or plans to take to obtain such permits.		NA	

Adequacy Issue: Adequate **X** Inadequate ___

DATA ADEQUACY WORKSHEET

Revision No. 1 Date January 30, 2006

Technical Area: **Water Resources** Project: Sun Valley Energy Project Technical Staff: Richard Latteri

Project Manager: Robert Worl Docket: 05-AFC-3 Technical Senior: Natasha Nelson

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (1)	...provide a discussion of the existing site conditions, the expected direct, indirect and cumulative impacts due to the construction, operation and maintenance of the project, the measures proposed to mitigate adverse environmental impacts of the project, the effectiveness of the proposed measures, and any monitoring plans proposed to verify the effectiveness of the mitigation.	Sections 8.15.1 – 8.15.5	Yes	
Appendix B (g) (14) (A)	All information required by the Regional Water Quality Control Board in the region where the project will be located to apply for:	—	—	
Appendix B (g) (14) (A) (i)	Waste Discharge Requirements; and	Section 8.15.2.2 Table 8.15-3	Yes	
Appendix B (g) (14) (A) (ii)	A National Pollutant Discharge Elimination System Permit.	Sections 8.15.5 — 8.15.5.2 Table 8.15-4	Yes	
Appendix B (g) (14) (B)	A description of the hydrologic setting of the project. The information shall describe, in writing and on maps at a scale of 1:24,000, the chemical and physical characteristics of the following water bodies that may be affected by the proposed project:	—	—	
Appendix B (g) (14) (B) (i)	Ground water bodies and related geologic structures;	Sections 8.4.1.2 & 8.15.1.2 Figure 8.15-2	Yes	
Appendix B (g) (14) (B) (ii)	Surface water bodies; and	Sections: 8.15.5.1.1 & 8.15.5.2.2 Figure 8.15-1	Yes	
Appendix B (g) (14) (B) (iii)	Water inundation zones, such as the 100-year flood plain and tsunami run-up zones.	Section 8.15.1.3 Figure 8.15-3	Yes	
Appendix B (g) (14) (C)	A description of the water to be used and discharged by the project. This information shall include:	—	—	

Adequacy Issue: Adequate **X** Inadequate ___

DATA ADEQUACY WORKSHEET

Revision No. 1 Date January 30, 2006

Technical Area: **Water Resources** Project: Sun Valley Energy Project Technical Staff: Richard Latteri

Project Manager: Robert Worl Docket: 05-AFC-3 Technical Senior: Natasha Nelson

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (14) (C) (i)	Source of the water and the rationale for its selection, and if fresh water is to be used for power plant cooling purposes, a discussion of all other potential sources and an explanation why these sources were not feasible;	Sections: 8.15.2.1 & 8.15.5.2.5 Table 8.15-4	Yes	
Appendix B (g) (14) (C) (ii)	The physical and chemical characteristics of the source and discharge water;	Sections 7.2 – 7.4.2 Tables 7.2-1 & 7.4-1 Sections: 8.15.2.1 & 8.15.2.2 Table 8.15-3	Yes	
Appendix B (g) (14) (C) (iii)	Average and maximum daily and annual water demand and waste water discharge for both the construction and operation phases of the project; and	Section 2.1.7.1 Table 2.1-1 Sections: 8.15.2.1.1 –- 8.15.2.2 Tables: 8.15-1 & 8.15-2 AFC Supplement – January 13, 2006, p. S-10	~~No~~Yes	~~Provide the average and maximum daily and annual water demand and wastewater discharge for the construction phase of the project including hydrostatic test water for the brine return and natural gas pipelines.~~
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.	Sections 2.1.7.2 – 2.1.9.1.2 Sections 7.1 – 7.4 Figures 7.1-1 & 7.1-2	Yes	
Appendix B (g) (14) (D)	A description of pre-, and post-construction runoff and drainage patterns, including:	—	—	
Appendix B (g) (14) (D) (i)	Precipitation and storm runoff patterns; and	Sections: 8.15.1.1 & 8.15.2.4 Appendix 7B	Yes	
Appendix B (g) (14) (D) (ii)	Drainage facilities and design criteria.	Section 8.15.2.4 Figure 2.2-1 Appendices 7B & 7C	Yes	

Adequacy Issue: Adequate **X** Inadequate ____

DATA ADEQUACY WORKSHEET

Revision No. 1 Date January 30, 2006

Technical Area: **Water Resources** Project: Sun Valley Energy Project Technical Staff: Richard Latteri

Project Manager: Robert Worl Docket: 05-AFC-3 Technical Senior: Natasha Nelson

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (14) (E)	An assessment of the effects of the proposed project on water resources. This discussion shall include:	—	—	
Appendix B g) (14) (E) (i)	The effects of project demand on the water supply and other users of this source;	Section 8.15.2.1 Appendix 7A AFC Supplement – January 13, 2006, p. S-11	~~No~~Yes	~~Provide an assessment of SVEP's recycled and potable water demand on other users and the ability of Eastern Municipal Water District to provide an adequate and reliable supply.~~
Appendix B (g) (14) (E) (ii)	The effects of construction activities and plant operation on water quality; and	Sections: 8.15.2.1 & 8.15.2.2	Yes	
Appendix B (g) (14) (iii)	The effects of the project on the 100-year flood plain or other water inundation zones.	Section 8.15.1.3	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;	Sections: 8.15.5 – 8.15.5.3.4 Table 8.15-4	Yes	
Appendix B (h) (1) (B)	Tables which identify each agency with jurisdiction to issue applicable permits and approvals or to enforce identified laws, regulations, standards, and adopted local, regional, state and federal land use plans, and agencies which would have permit approval or enforcement authority, but for the exclusive authority of the commission to certify sites and related facilities.	Section 8.15.6 Table 8.15-5	Yes	

Adequacy Issue: Adequate **X** Inadequate ____

DATA ADEQUACY WORKSHEET

Revision No. 1 Date January 30, 2006

Technical Area: **Water Resources** Project: Sun Valley Energy Project Technical Staff: Richard Latteri

Project Manager: Robert Worl Docket: 05-AFC-3 Technical Senior: Natasha Nelson

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (h) (2)	A discussion of the conformity of the project with the requirements listed in subsection (h)(1)(A).	Sections: 8.15.5.1 – 8.15.5.3.4 Table 8.15-4	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.	Section 8.15.6 Table 8.15-5 AFC Supplement – January 13, 2006, p. S-11	~~No~~Yes	~~Provide the name, title, phone number, and address, if known, of an official with the Dept of Health Services responsible for reviewing and approving the Title 22 Engineering Report.~~
Appendix B (h) (4)	A schedule indicating when permits outside the authority of the commission will be obtained and the steps the applicant has taken or plans to take to obtain such permits.	Section 8.15.6 Table 8.15-5	Yes	