

Adequacy Issue: Adequate _____ Inadequate _____
 Technical Area: Water Resources
 Project Manager: _____

DATA ADEQUACY WORKSHEET

Revision No. _____ Date _____
 Technical Staff: _____
 Technical Senior: _____

Project: _____
 Docket: _____

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 5.4.1 to 5.4.4		
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:	Sections 5.4.1 and 5.4.2		
Appendix B (g) (14) (A) (i)	Waste Discharge Requirements; and	Sections 5.4.2.1.1 and 5.4.2.1.2		
Appendix B (g) (14) (A) (ii)	a National Pollutant Discharge Elimination System Permit.	Sections 5.4.2 and 5.4.5.4		
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:	Sections 5.4.1 and 5.4.1.3 and Figures 5.4-1A - E		
Appendix B (g) (14) (B) (i)	Ground water bodies and related geologic structures	Sections 5.4.1.3.2 and 5.4.1.3		
Appendix B (g) (14) (B) (ii)	Surface water bodies; and	Sections 5.4.1.3.1, 5.4.1 and 5.4.1.3		
Appendix B (g) (14) (B) (iii)	Water inundation zones, such as the 100-year flood plain and tsunami run-up zones.	Sections 5.4.1.3 and 5.4.2		
Appendix B (g) (14) (C)	A description of the water to be used and discharged by the project. This information shall include:	Section 5.4.2.1.1 and 5.4.2.1.2		

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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;	Table 5.4-3		
Appendix B (g) (14) (C) (ii)	The physical and chemical characteristics of the source and discharge water;	Section 5.4.2 and Tables 3.3-1, 3.3-2 and 5.4-4		
Appendix B (g) (14) (C) (iii)	Average and maximum daily and annual water demand and waste water discharge for both the construction and operation phases of the project; and	Sections 5.4.2.1 and 5.4.3		
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 5.4.1.1; 5.4.2.1; 5.4.2.1.2; 5.4.2.1.4; 5.4.2.3; 5.4.2.4; 5.4.2.5; 5.4.4.1; 5.4.2.3; and 5.4.2.1(Mass Bal. D.)		
Appendix B (g) (14) (D)	A description of pre-, and post-construction runoff and drainage patterns, including:	Sections 5.4.1.3 and 5.4.2.1.4		
Appendix B (g) (14) (D) (i)	Precipitation and storm runoff patterns; and	Section 5.4.1.3; 5.4.2.1.1 and Table 5.4-2		
Appendix B (g) (14) (D) (ii)	Drainage facilities and design criteria.	Section 5.4.2.1		
Appendix B (g) (14) (E)	An assessment of the effects of the proposed project on water resources. This discussion shall include:	Section 5.4.2 and 5.4.3		
Appendix B (g) (14) (E) (i)	The effects of project demand on the water supply and other users of this source;	Section 5.4.2.1.2 and 5.4.3, and See Section 5.2 for issue of geothermal supply		
Appendix B (g) (14) (E) (ii)	The effects of construction activities and plant operation on water quality; and	Section 5.4.1 and 5.4.2		
Appendix B (g) (14) (iii)	The effects of the project on the 100-year flood plain or other water inundation zones.	Section 5.4.2.1 and 5.4.2.1.3		

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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 5.4.5 and Table 5.4-7		
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 5.4.5 and Table 5.4-8		
Appendix B (h) (2)	A discussion of the conformity of the project with the requirements listed in subsection (h)(1)(A).	Sections 5.4.5		
Appendix B (h) (3)	The name, title, phone number, and address, if known, of an official within each agency who will serve as a contact person for the agency.	Section 5.4.5 and Table 5.4-8		
Appendix B (h) (4)	A schedule indicating when permits outside the authority of the commission will be obtained and the steps the applicant has taken or plans to take to obtain such permits.	Section 5.4.5		