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AUTH.NAME AUTHOR AFFILIATION
SCHUYLER,J.O. Pacific Gas & Electric Co.
RECIP.NAME RECIPIENT AFFILIATION
KNIGHTON,G.W. Licensing Branch 3

SUBJECT: Forwards list of SSER 20 open items which need to be resolved prior to initial criticality & low power testing, or prior to power ascension.Requests acknowledgement of matl receipt.

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J. O. SCHUYLER
VICE PRESIDENT
NUCLEAR POWER GENERATION

January 20, 1984

PGandE Letter No.: DCL-84-021

Mr. George W. Knighton, Chief
Licensing Branch No. 3
Division of Licensing
Office of Nuclear Reactor Regulation
U. S. Nuclear Regulatory Commission
Washington, D.C. 20555

Re: Docket No. 50-275, OL-DPR-76
Diablo Canyon Unit 1
SSER 20 Items

Dear Mr. Knighton:

The Staff's SSER 20 identified certain items which need to be resolved prior to initial criticality and low-power testing, or prior to power ascension. PGandE will resolve these items according to requirements noted in SSER 20 and as indicated in the enclosure to this letter.

Kindly acknowledge receipt of this material on the enclosed copy of this letter and return it in the enclosed addressed envelope.

Sincerely,

J. O. Schuyler

Enclosure

cc: D. G. Eisenhut
H. E. Schierling
Service List

B001
1/1

8401240555 840120
PDR ADOCK 05000275
E PDR

ENCLOSURE

SSER 20 SUMMARY

Description (SSER 20 Page No.)	Action Required	Resolution/Status
Open Item 2 20 Hz Cutoff Frequency (p. C.3-2)	PGandE to provide an additional analysis for a high amplification area of the annulus structure.	Input to piping analysis, including annulus response above 20 Hz, is complete. Piping analysis is in progress. Completion is expected by the end of January, 1984 based on PGandE's proposed analysis plans in the January 6, 1984 letter.
	Provide a detailed outline for this analysis prior to initiating analysis.	Complete; PGandE letter DCL-84-003 dated January 6, 1984 sent to NRC.
Open Item 11 Turbine Building Roof Truss Modeling (p. C.3-8)	"Upon receipt of comfirmatory documentation this matter will be resolved."	The DCP is in the process of developing examples which illustrate the process that was used. Representative calculations and computer printout will be provided to the Staff by the end of January 1984.
Open Item 18 Additional Piping Analysis (p. C.3-13)	This matter concerns a commitment to perform confirmatory analyses of two piping systems selected by the Staff.	RLCA currently performing this work as a subcontractor to PGandE. The scheduled completion date is January 20, 1984. Documentation will be provided to the Staff prior to Step 3.

ENCLOSURE

SSER 20 SUMMARY

Description (SSER 20 Page No.)	Action Required	Resolution/Status
Open Item 20 Equipment Qualification (p. C.3-14)	PGandE will inform the Staff upon completion of modifications to Class I mechanical equipment within the PGandE design scope (based on nozzle loads and spectra available as of November 30, 1983).	Class I mechanical equipment has been qualified for nozzle loads and spectra available as of November 30, 1983. Some nozzle loads have changed since that date; the equipment will be qualified by the mode of operation for which it is required. Completion for Mode 3 and 4 systems is expected by January 20, 1984 and for Mode 2 systems by January 30, 1984. Documentation of completion will be provided to the Staff prior to Step 2.
Open Item 25 Intake Structure Lateral Forces (p. C.3-16)	The Staff has requested RLCA to provide certain confimatory information regarding ITR-68, Rev. 1.	Complete; RLCA letter dated December 29, 1983 sent to NRC.
Open Item 29 Jet Impingement Loads (p. C.4-14)	PGandE will inform the Staff of completion of jet impingement evaluations prior to Mode 2.	The scheduled completion date is January 31, 1984. Documentation of completion will be provided to the Staff prior to Mode 2.

ENCLOSURE

SSER 20 SUMMARY

Description (SSER 20 Page No.)	Action Required	Resolution/Status
Open Item 30 Rupture Restraints (p. C.4-14)	"The DCP provided during a meeting on December 6, 1983 extensive supplementary information which demonstrated that the criteria for compression members stated by the DCP conforms to accepted industry-wide practices for the design of rupture restraints. The licensee will clearly identify or submit this information prior to Mode 2 (criticality)".	The DCP will identify by January 20, 1984, the final report which demonstrates that compression member criteria conforms to accepted practices for the industry-wide design of rupture restraints.
Follow-up Item 1 AFWS Runout Control System Test (p. C.4-1)	"The licensee will provide the results of this test prior to Mode 2 (criticality)". (p. C.4-1)	Test will be performed during startup testing of the AFWS at hot standby conditions (Mode 3). Test results will be provided to the Staff prior to Mode 2.
Follow-up Item 5 Motor Capacitor Qualification Analysis (p. C.4-5)	Confirmatory information will be provided by PGandE prior to Mode 4 (hot shutdown).	Confirmatory documentation will be provided prior to Mode 4.
Follow-up Item 9 Modifications to AFWS - Overspeed Setpoint Change (p. C.4-10)	"The licensee will inform the Staff of the change prior to Mode 2 (criticality)".	This change will be accomplished when steam is available during Mode 4 operations. Documentation of the change will be provided to the Staff prior to Mode 2.

ENCLOSURE

SSER 20 SUMMARY

Description (SSER 20 Page No.)	Action Required	Resolution/Status
Follow-up Item 11 HELB Reanalysis Modifications and Documentation (p. C.4-12)	PGand E committed to have modifications complete by Mode 4 or provide justifications for a later completion date.	PGandE will complete modifications by Mode 4.
Follow-up Item 14 Environmental Qualification Cable and Wire (p. C.4-8)	"The licensee will submit further information by letter prior to Mode 2 (criticality)".	Complete; see PGandE letters dated December 12 and 21, 1983.