

REGULATOR INFORMATION DISTRIBUTION SYSTEM (RIDS)

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 FACIL: 50-275 Diablo Canyon Nuclear Power Plant, Unit 1, Pacific Gas & Electric Co. 05000275
 AUTH. NAME: AUTHOR AFFILIATION
 SCHUYLER, J.O. Pacific Gas & Electric Co.
 RECIPIENT 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 mail receipt.

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PACIFIC GAS AND ELECTRIC COMPANY

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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

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1/1

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PDR ADDCK 05000275
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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 confirmatory 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 confirmatory 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.

0036d/0006K

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.

Handwritten notes in the top right corner, including the word "History" and some illegible scribbles.

