



UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
WASHINGTON, D. C. 20555

May 13, 1980

Docket No. 50-344

MEMORANDUM FOR: The Commissioners

FROM: Harold R. Denton, Director  
Office of Nuclear Reactor Regulation

THRU: Executive Director for Operations (Signed) William J. Dircks

SUBJECT: SUMMARY OF STAFF POSITION: TROJAN CONTROL BUILDING  
MODIFICATION

This is in response to the Secretary's memorandum to me of March 19, 1980 concerning the Trojan Control Building Modification.

The staff was unable to conclude in its Safety Evaluation Report of February 14, 1980, (accepted into evidence as Staff Exhibit 13A in the Control Building proceeding) that the Control Building modifications proposed by Portland General Electric Company (PGE) satisfied the intent of our order of May 26, 1978. That order requires PGE to modify the Control Building to bring the facility into substantial compliance with FSAR seismic criteria. These criteria are incorporated by reference into the facility Technical Specifications.

As pointed out in the SER (enclosed) on page 94, the basic reason for this conclusion was the existence of a number of unresolved items, the resolution of which are critical to reaching the central question of structural adequacy. Those unresolved items involved the determination of forces, displacements, floor response spectra, wall capacity, and the adequacy of the work sequence for the modifications to the Control Building.

Since issuance of the Safety Evaluation Report of February 14, 1980, substantial new information and analyses were submitted by PGE between February 21 and April 14, 1980 in response to additional staff questions. This information was reviewed and evaluated by the staff and found to be adequate to resolve all of the unresolved questions identified in the Safety Evaluation Report.

Contact:  
Charles Trammell, DL  
ext. 27070

8005290065

May 7, 1980

The original bases for the concerns raised by the unresolved matters identified in the Safety Evaluation Report as well as the manner in which those matters were resolved to the staff's satisfaction are contained in the staff's structural testimony for the Trojan hearing (enclosed) which was admitted into evidence on April 17, 1980 as Staff Exhibit 17A. Those matters are addressed at pages 11-16 and 29-35 of Staff Exhibit 17A.

Copies of the Secretary's memorandum of March 19, 1980 and this response are being provided to the Licensing Board and parties in the Trojan Control Building proceeding.

Harold R. Denton, Director  
Office of Nuclear Reactor Regulation

Enclosures:

- 1. NRC Staff Testimony/Staff Exhibit 17A filed April 15, 1980
- 2. Staff Safety Evaluation Report dated February 14, 1980

cc: w/o enclosures  
See next page

*HRD*

\*SEE ATTACHED YELLOW FOR PREVIOUS CONCURRENCES AND DISTRIBUTION

OFFICE →	NRR					
BURNAME →	HRDenton:jb					
DATE →	05/1/80					

Docket No. 50-344

MEMORANDUM FOR: The Commissioners

FROM: Harold R. Denton, Director  
Office of Nuclear Reactor Regulation

THRU: Executive Director for Operations

SUBJECT: SUMMARY OF STAFF POSITION: TROJAN CONTROL BUILDING  
MODIFICATION

This is in response to your memorandum to the General Counsel of March 10, 1980, and the Secretary's related memorandum to me dated March 19, 1980.

The Staff was unable to conclude in its Safety Evaluation Report of February 14, 1980, (accepted into evidence as Staff Exhibit 13A in the Control Building proceeding) that the Control Building modifications proposed by Portland General Electric Company (PGE) satisfied the intent of our order of May 26, 1978. That order requires PGE to modify the Control Building to bring the facility into substantial compliance with PSAR seismic criteria. These criteria are incorporated by reference into the facility Technical Specifications.

As pointed out in the SER (enclosed) on page 94, the basic reason for this conclusion was the existence of a number of unresolved items, the resolution of which are critical to reaching the central question of structural adequacy. Those unresolved items involved the determination of forces, displacements, floor response spectra, wall capacity, and the adequacy of the work sequence for the modifications to the Control Building.

Since issuance of the Safety Evaluation Report of February 14, 1980, substantial new information and analyses were submitted by PGE in response to additional staff questions. This information was reviewed and evaluated by the staff and found to be adequate to resolve all of the unresolved questions identified in the Safety Evaluation Report. The original bases for the concerns raised by the unresolved matters identified in the Safety Evaluation Report as well as the manner in which those matters were resolved to the Staff's satisfaction are contained in the staff's structural testimony for

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the Trojan hearing (enclosed) which was admitted into evidence as Staff Exhibit 17A. Those matters are addressed at pages 11-16 and 29-35 of Staff Exhibit 17A.

Copies of the Staff's transmittal of your inquiry and this response are being forwarded to the Licensing Board and parties in the Trojan Control Building proceeding.

Harold R. Denton, Director  
Office of Nuclear Reactor Regulation

Enclosure:  
NRC Staff Testimony  
SER

Distribution:  
Pocket File 50-344  
NRR Reading  
ORBI Reading  
EOD Reading  
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M.Stine  
J.Butts  
I&E (3)  
J.Gray  
E.K.Cornell  
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*Control Building cc list.*

EDO  
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U. S. Nuclear Regulatory Commission  
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Atomic Safety and Licensing Board Panel  
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Docketing and Service Branch (7)  
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