



Portland General Electric Company

Donald J. Broehl Assistant Vice President



April 27, 1981

Trojan Nuclear Plant
Docket 50-344
License NPF-1

Mr. R. H. Engelken, Director
U. S. Nuclear Regulatory Commission
Region V
Walnut Creek Plaza, Suite 202
1990 N. California Blvd.
Walnut Creek, CA 94596

Dear Mr. Engelken:

In accordance with Amendment 55 to the Trojan Operating License dated January 15, 1981, the attached commitment clarification regarding the construction joint at Elevation 74'0" is forwarded to you. This clarification represents a change from statements made in the Control Building Proceeding. A copy of this clarification is being sent to the Office of Nuclear Reactor Regulation.

Sincerely,

Donald J. Broehl



Attachment

c: Mr. Robert A. Clark
U. S. Nuclear Regulatory
Commission
Washington, DC 20555

Director of Inspection
& Enforcement
U. S. Nuclear Regulatory
Commission
Washington, DC 20555

Mr. Lynn Frank, Director
State of Oregon
Department of Energy

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COMMITMENT CLARIFICATION REGARDING
CONSTRUCTION JOINT AT EL. 74'-0"

Background

In Licensee's response to NRC staff Q(8) dated September 14, 1979 and in Q(101) and Q(102) of "Licensee's Testimony on Matters other than Structural Adequacy of the Modified Complex", Licensee testified that in the placement of concrete for plate No. 3 there will be a construction joint at el. 74'-0", which is 3" below the top of plate No. 3.

Commitment Clarification

The commitment is modified such that, by the addition of forms above plate No. 3, concrete will be placed from the construction joint at el. 69'-9" to just below the concrete slab at el. 77'-0" without a construction joint at el. 74'-0". The concrete will be stopped a few inches below the slab soffit to eliminate the chance of developing air pockets, and the remaining space will be pressure-grouted with high strength nonshrink grout.

Evaluation

The reason for eliminating the construction joint at el. 74'-0" is to simplify and facilitate construction. The rate of placement, concrete temperature and spacing of supports will remain unchanged. Therefore, the approximately 2'-6" additional height of concrete lift will not impose an extra pressure on the wall.

The masonry wall terminates at elevation 74'-3". The additional concrete above this elevation will be placed against the steel beam supporting the floor slab at elevation 77'-0". The concrete forms will be tied to this beam with form ties. The resulting condition is as previously evaluated, and the beam has adequate capacity to resist all imposed loads including vertical loads, the pressure of the fresh concrete, and lateral seismic loads.

This change in commitment does not: (1) increase the occurrence probability of an accident or malfunction of safety-related equipment previously analyzed; (2) increase the consequences of an accident or malfunction of safety-related equipment previously analyzed; (3) represent the possibility of a different type of accident or malfunction of safety-related equipment from those previously analyzed; (4) reduce the margin of safety, nor (5) require a change to the Technical Specifications or Operating License.

UNITED STATES OF AMERICA
NUCLEAR REGULATORY COMMISSION

BEFORE THE ATOMIC SAFETY AND LICENSING APPEAL BOARD

In the Matter of)
) Docket 50-344
PORTLAND GENERAL ELECTRIC COMPANY,)
et al) (Control Building Proceeding)
)
(Trojan Nuclear Plant))

CERTIFICATE OF SERVICE

I hereby certify that on April 27, 1981 Licensee's letter dated April 27, 1981 to the NRC, Region V, with attachment, has been served upon the persons listed below by depositing copies thereof in the United States mail with proper postage affixed for first class mail.

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U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

Atomic Safety and Licensing Appeal
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CERTIFICATE OF SERVICE

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Ronald W. Johnson
Assistant General Counsel
Portland General Electric Company

Dated: April 27, 1981

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