DMB016

FEB 17 1982

DISTRIBUTION:
Docket File
NRC PDR
L PDR
NSIC
ORB#3 Rdg
DEisenhut
JHeltemes
PMKreutzer-3
RAClark
CTrammell
OELD
I&E
ACRS-10
SBajwa
MWilliams
ZRosztoczy
Gray File

Docket No. 50-344

Mr. Bart D. Withers
Vice President Nuclear
Portland General Electric Company
121 S.W. Salmon Street
Portland, Oregon 97204

RECEIVED
FEB 23 1982
US NUCLEAR REGULATORY COMMISSION
DOCUMENT MANAGEMENT BR
TIDC

Dear Mr. Withers:

SUBJECT: ENVIRONMENTAL QUALIFICATION OF SAFETY-RELATED ELECTRICAL EQUIPMENT REQUEST FOR ADDITIONAL INFORMATION

We have completed a preliminary review of your submittals related to the environmental qualification of TMI Action Plan electrical equipment. Our contractor, Franklin Research Center, has identified the additional information shown in the enclosure which is needed to complete this review.

Your response is requested within 30 days of the date of this letter. Please send your complete response to Franklin Research Center (address in enclosure) and a copy of your response (less qualification documents requested in item 2) to Operating Reactors Branch No. 3, NRC.

This request for information is approved by the Office of Management and Budget under clearance number 3150-0065 which expires May 31, 1983.

Sincerely,

Original signed by
Robert A. Clark

Robert A. Clark, Chief
Operating Reactors Branch #3
Division of Licensing

Enclosure:
Request for Additional
Information

cc w/enclosure:
See next page

8202260068 820217
PDR ADOCK 05000344
P PDR

OFFICE	ORB#3:DL	ORB#3:DL					
SURNAME	CTrammell/pn	RAClark					
DATE	2/17/82	2/17/82					

Portland General Electric Company

cc: Multnomah County Library
Social Science and Science Department
801 S.W. 10th Avenue
Portland, Oregon 97205

Michael Malmros, Resident Inspector
U. S. Nuclear Regulatory Commission
Trojan Nuclear Plant
P. O. Box 0
Rainier, Oregon 97048

Robert M. Hunt, Chairman
Board of County Commissioners
Columbia County
St. Helens, Oregon 97501

Donald W. Godard, Supervisor
Siting and Regulation
Oregon Department of Energy
Labor and Industries Building
Room 111
Salem, Oregon 97310

Regional Administrator
Nuclear Regulatory Commission, Region V
Office of Inspection and Enforcement
1450 Maria Lane, Suite 210
Walnut Creek, California 94596

REQUEST FOR ADDITIONAL INFORMATION

EQUIPMENT ENVIRONMENTAL QUALIFICATION (EEQ)
REVIEW OF LICENSEES' RESOLUTION OF OUTSTANDING ISSUES
FROM NRC EQUIPMENT ENVIRONMENTAL QUALIFICATION SAFETY
EVALUATION REPORTS (SER) AND TMI ACTION PLAN INSTALLED EQUIPMENT

Portland General Electric Company

Trojan Nuclear Power Plant

NRC Docket No. 50-344 December 11, 1981

NRC TAC No. 42502

Dupe of 8201300003

Franklin Research Center
A Division of The Franklin Institute
The Benjamin Franklin Parkway, Phila., Pa. 19103 (215) 448-1000

BACKGROUND

Franklin Research Center (FRC) of Philadelphia, Pa. is providing assistance to the U.S. Nuclear Regulatory Commission (NRC) for the equipment environmental qualification (EEQ) review of operating reactors. FRC will perform an EEQ review of the Licensee's 90-day response to outstanding issues from the NRC Equipment Environmental Qualification Safety Evaluation Report (SER) and the installed TMI Action Plan equipment. The review will be limited to safety-related equipment potentially exposed to a harsh environment. The results will be presented in the form of a technical evaluation report for each plant.

This request for additional information (RFI) is the result of an evaluation of the information provided by letters dated March 7, 1980 [1], January 30, 1981 [2], and August 26, 1981 [3].*

*Numbers in brackets refer to citations found in the list of references.
**This column will be completed by FRC as the requested information is received.

FRC REVIEW OF INSTALLED TMI ACTION PLAN ITEMS

Information Requested | Date Received by FRC**

1. Reference 2 does not provide adequate detail with respect to identification of TMI Action Plan equipment installed as of 1/1/81.

   a. Identification of all TMI Action Plan equipment installed as of 1/1/81 is requested.

   b. Identification of TMI Action Plan equipment installed with implementation dates after 1/1/81 is requested.

   c. The correlation of these equipment items with the specific sections of NUREG-0737 [5] presented below (as applicable) is requested.

      For PWRs, Sections:

      IIE1.2, IIE4.2, IIE3.1, IIG1, IIF2, IID3, IIK3.12(Wx), IIK3.9(Wx), IIB3, IIE4.1.

      [The correlation is needed to ensure that all items are included in the review, e.g., if a transmitter is identified as a TMI Action Plan item, are the cable and terminal blocks associated with the device also identified?]

   d. For all installed TMI Action Plan equipment identified, a System Component Evaluation Worksheet (SCEW) (in accordance with 79-01B format) is requested.

Date Received by FRC**

e. The approximate installation date for the TMI Action Plan equipment items is requested so that the appropriate qualification criteria (NUREG-0588 or DOR Guidelines) can be used in the EEQ evaluation.

2. The qualification documents, e.g., the actual test reports and associated correspondence cited as evidence of qualification listed on the SCEW sheets, for all identified TMI Action Plan equipment are requested. [The identification of those reports considered to be proprietary is requested so that proper control of documents can be maintained.]

3. Where the Licensee has a standard Owners' Group position with respect to a NUREG-0737 technical area or has requested extensions of implementation dates, this information is requested in order to incorporate it into the review.

FRC mailing address is as follows:

Mr. Cyril J. Crane
Franklin Research Center
The Parkway at Twentieth Street
Philadelphia, PA 19103

Telephone No. 215/448-1353
Telecopy No. 215/448-1296
Telecopy Confirmation No. 215/448-1215

REFERENCES

1. C. Goodwin, Jr.
   Letter to R. H. Engelken (NRC)
   Subject: Response to IE Bulletin 79-01B
   Portland General Electric Co., 07-Mar-80

2. B. D. Withers
   Letter to R. H. Engelken (NRC)
   Subject: Response to IE Bulletin 79-01B Supplement 3
   Portland General Electric Co., 30-Jan-81

3. B. D. Withers
   Letter to R. A. Clark (NRC)
   Subject: Response to 5/27/81
   Safety Evaluation Report for the Trojan Nuclear Plant
   Portland General Electric Co., 26-Aug-81

4. Office of Nuclear Reactor Regulation
   Safety Evaluation Report for Trojan Nuclear Power Plant
   Environmental Qualification of Safety-Related
   Electrical Equipment
   NRC, 27-May-81

5. NUREG-0737, "Clarification of TMI Action Plan Requirements"
   NRC, November 1980