

FEB 12 1981

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Docket No. 50-397

Washington Public Power Supply System
ATTN: Mr. R. L. Ferguson
Managing Director
3000 George Washington Way
P. O. Box 968
Richland, Washington 99352

SUBJECT: CONTROL OF LEAKAGE FROM THE ISOLATION VALVES IN THE ECCS

In the course of our continuing review of the WNP-2 facility, we have identified a need for additional information regarding the design features in your facility which will contain leakage from isolation valves in the emergency core cooling systems. The specific information sought is contained in the enclosure to this letter.

If you have any questions on this matter, please contact the Project Manager, M. D. Lynch, at (301)492-8413.

Sincerely,

Original signed by
Robert L. Tedesco

Robert L. Tedesco, Assistant Director
for Licensing
Division of Licensing

cc: See next page

Handwritten initials and scribbles

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OFFICE	DL:LB#1	DL:LB#1	DL:ADXL				
SURNAME	DLynch/ys	BJYoungblood	RLTedesco				
DATE	02/11/81	2/11/81	2/11/81				

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Mr. R. L. Ferguson
Managing Director
Washington Public Power Supply System
P. O. Box 968
3000 George Washington Way
Richland, Washington 99352

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Nicholas Lewis, Chairman
Energy Facility Site Evaluation Council
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Olympia, Washington 98504

Mr. O. K. Earle
Licensing Engineer
P. O. Box 968
Richland, Washington 99352

Mr. Albert D. Toth
Resident Inspector/WPPSS-2 NPS
c/o U. S. Nuclear Regulatory Commission
P. O. Box 69
Richland, Washington 99352

ENCLOSURE

211.212: Our position on the emergency core cooling systems (ECCS) is that these systems should be designed to withstand the failure of any single active or passive component without adversely affecting their long-term cooling capabilities. In this regard, we are concerned that the suppression pool in boiling water reactors (BWR's) may be drained by leakage from isolation valves which may be rendered inaccessible by localized radioactive contamination following a postulated loss-of-coolant accident (LOCA). Accordingly, indicate the design features in the WNP-2 facility which will contain leakage from the first isolation valve in the ECCS lines taking water (suction lines) from the suppression pool during the long-term cooling phase following a postulated LOCA.

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AUTH. NAME	AUTHOR AFFILIATION
SHERWOOD, G.G.	General Electric Co.
RECIP. NAME	RECIPIENT AFFILIATION
STELLO, V.	Director's Office, Office of Inspection and Enforcement

SUBJECT: Deficiency rept re implementation of corrective action re defective grounding of flexible conduit in power generation control complex equipment, originally reported 801208. Schedule for implementation submitted.

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GENERAL ELECTRIC COMPANY, 175 CURTNER AVE., SAN JOSE, CALIFORNIA 95125
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NUCLEAR POWER
SYSTEMS DIVISION
TRR-10-81
MFN-019-81

February 6, 1980

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

Attention: Mr. Victor Stello, Jr., Director
Office of Inspection and Enforcement

Gentlemen:

SUBJECT: REPORTABLE CONDITION, GROUNDING OF FLEXIBLE CONDUIT


Reference: Letter from Glenn G. Sherwood to Victor Stello, same
subject, 12/22/80 (MEN-216-80)

The reference letter advised you that an action plan to effect corrective action of the defect reported to you on December 8, 1980 would be forwarded to you by January 31, 1981. The defect is inadequate grounding of some flexible conduit in Power Generation Control Complex (PGCC) equipment shipped to customers.

The schedule for implementing the corrective action is:

- 1) July 3, 1981. Issue "Correcting Field Instructions" for the addition of ground straps to affected flexible conduit on shipped plants; i.e., Limerick 1 and 2, Susquehanna 1 and 2, Hanford 2, Grand Gulf 1 and 2, Clinton 1 and 2, Perry 1 and 2.
- 2) June 30, 1981. Issue a grounding requirement document applicable to those plants in the design and manufacturing cycle; i.e., Nine Mile Point 2, River Bend 1 and 2, Hartsville A1, A2, B1, B2; Phipps Bend 1 and 2, Skagit 1 and 2, Allens Creek, Black Fox 1 and 2.

Very truly yours,


Glenn G. Sherwood, Manager
Nuclear Safety & Licensing Operation

GGG:rm/2A

cc: B. H. Grier, Region I
J. P. O'Reilly, Region II
J. G. Keppler, Region III
U. Potapovs, NRC Region IV
R. H. Engelken, Region V
PRC File

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