



WASHINGTON PUBLIC POWER SUPPLY SYSTEM

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April 27, 1995
GO2-95-082

Docket No. 50-397

U.S. Nuclear Regulatory Commission
Attn: Document Control Desk
Washington, D.C. 20555

Gentlemen:

Subject: **WNP-2, OPERATING LICENSE NPF-21
PLAN FOR RESOLUTION OF THERMO-LAG 330-1 CONCERNS**

- References:
- 1) Letter GO2-94-254, dated November 9, 1994, JV Parrish (SS) to NRC, "10 CFR 50.54(f) Response to Follow-Up Request for Additional Information Regarding Generic Letter 92-08 'Thermo-Lag 330-1 Fire Barriers'"
 - 2) Letter GO2-95-057, dated March 24, 1995, JV Parrish (SS) to NRC, "Response to Follow-Up Request for Additional Information Regarding Generic Letter 92-08 'Thermo-Lag 330-1 Fire Barriers'"

This letter satisfies the commitments made in References 1 and 2 to provide a plan and schedule for resolution of concerns associated with use of Thermo-lag 330-1 to protect WNP-2 capability to safely shutdown in the event of a fire.

WNP-2 design features were re-evaluated to re-assess reliance on fire barriers composed of 3M and Thermo-Lag 330-1 materials. This re-evaluation involved:

- minimization of equipment credited for safe shutdown,
- circuit re-routing, and
- revision to fire area boundaries.

The required fire barriers to protect safe shutdown capability can be significantly reduced.

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PLAN FOR RESOLUTION OF THERMO-LAG 330-1 CONCERNS

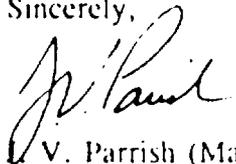
The Supply System intends to revise the safe shutdown analysis and plant design such that 3M and Thermo-Lag 330-1 fire barrier materials will not be used to protect WNP-2 capability to safely shutdown in the event of a fire. Alternate acceptable fire barrier materials such as concrete, ordinary insulation, the Darmatt product line, etc. will be used where fire barriers cannot be eliminated. Existing Thermo-Lag 330-1 and 3M fire barrier materials will be abandoned in place unless combustible loading or physical interference issues mandate removal. As a result, the plans and schedule outlined in Reference 1 regarding the upgrading of Thermo-Lag installations at WNP-2 will not be implemented.

Physical plant changes will be initiated in 1995/1996 and completed during the Spring 1997 outage, with administrative closeout to follow. Because the annual refueling and maintenance outages are planned such that only one electrical division is significantly affected in a given year, and the majority of the modifications are associated with Division 2 which is scheduled for the Spring 1997 outage, the planned work cannot reasonably be completed before then.

Changes will comply with the fire protection licensing basis as delineated in Licensing Condition 2.C(14), and will be evaluated per 10 CFR 50.59.

Should you have any questions or desire additional information regarding this matter, please call me or Mr. D. A. Swank at (509)377-4563.

Sincerely,



J. V. Parrish (Mail Drop 1023)
Vice-President, Nuclear Operations

CJF/ml

cc: IJ Callan - NRC RIV
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NS Reynolds - Winston & Strawn
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