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 FACIL: 50-397 WPPSS Nuclear Project, Unit 2, Washington Public Powe 05000397  
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 RECIP. NAME: MARTIN, J.B. RECIPIENT AFFILIATION: Region 5, Ofc of the Director

SUBJECT: Provides schedule for completion of fire protection issues re Insp Rept 50-397/88-16.

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# WASHINGTON PUBLIC POWER SUPPLY SYSTEM

P.O. Box 968 • 3000 George Washington Way • Richland, Washington 99352

Docket No. 50-397

July 15, 1988  
G02-88-156

Mr. J. B. Martin  
Regional Administrator  
U. S. Nuclear Regulatory Commission  
Region V  
1450 Maria Lane, Suite 210  
Walnut Creek, CA 94596

Dear Mr. Martin:

SUBJECT: NUCLEAR PLANT NO. 2  
OPERATING LICENSE NPF-21  
SCHEDULE FOR COMPLETION OF FIRE PROTECTION ISSUES  
(INSPECTION REPORT 88-16)

During the Fire Protection Audit Exit Interview held on June 10, 1988, the Supply System committed to provide a schedule for completion of the remaining open items as we understood them to be. After subsequent discussions with Region V, the response date was agreed to be July 15, 1988. The purpose of this letter is to provide that schedule.

1. Issue 87-19-07/08 DG Flooding & Common Mode Failure

Installation of the scuppers on the south doors leading outside the D/G Building and raising the curbs to seven inches for the north doors leading into the D/G corridor will be completed by 1 August 1988.

The modifications necessary to provide diversion of the water outside the D/G building will be implemented by 1 July 1989.

Interim action to divert the water outside of the D/G building will be taken by 15 August 1988.

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(INSPECTION REPORT 88-16)

2. Issue 87-19-29 Instrument Rack Terminations

A revised NOV response will be submitted by 29 July 1988.

In the future, terminations which are greater than 45 degrees will be replaced when determined during surveillance or modifications.

The procedure which is used as the guidance for new terminations or repairs will be revised by 15 March 1989.

3. NRR Question 4 of 28 Sensing Line Supports

The calculation verification will be completed by 15 July 1988.

The installation of the thermolag and the bolt change-out will be completed by 1 December 1989.

4. NRR Question 5 of 28 Bio-Shield Wall Penetrations

We will revise the Fire Protection Controls procedure and Fire Watch Training Program by 1 September 1988. The change will identify the concern regarding ignition of the foam and provide guidance aimed at prevention of a fire in this area.

5. NRR Question 15 of 28 (50.59 Review of Fire Protection Modifications)

The changes to the Fire Protection Program made in association with Amendment 38 to the FSAR have been reviewed and determined to be in compliance with the intent of the interim agreement, dated January 29, 1987 between NRR and the Supply System, as it relates to License Condition 2.C.(14), pending staff approval of Amendment 37.

The changes contemplated in Amendment 39, as well as others determined to be necessary prior to approval of Amendment 37 and subsequent removal of the license condition, will be the subject of future discussions between NRR and the Supply System staff. We expect these discussions to be initiated by 22 July 1988.

6. Issue 86-25-03 Fire Main Under the D/G Building

We have supplied the documentation that NRR has requested and are awaiting their response. We are prepared to discuss and resolve this issue at the staff's earliest possible convenience.

SCHEDULE FOR COMPLETION OF FIRE PROTECTION ISSUES  
(INSPECTION REPORT 88-16)

7. Issue 86-25-08 and NRR Question 25 of 28 (RHR-V-9 Thermolag and High Impedance Fault Analysis)

Installation of the RHR-V-9 thermolag will be complete by 12 August 1988.

The results of the Appendix R calculation regarding high impedance faults during a fire related shutdown has resulted in a requirement to shed loads from the Division 2, 125 VDC battery.

The loads which need to be shed have been identified by Engineering and evaluated by the Operations Department. The procedure has been deviated.

The executive summary requested by the Inspection team will be submitted by 15 July 1988.

8. LER 87-29 (88-08) Fire Seals

The walkdown of Tech Spec fire seals has been completed. A reconciliation between the prints and PSTS (Penetration Seal Tracking System) and the PSTS users manual will be in place by 31 August 1988.

9. LER 87-30. Missing 3 Hour Fire Wall

Thermolag boards will be attached to the wall with mechanical fasteners. The structural steel and the mechanical fasteners will then be covered with thermolag. The work will be completed by 22 December 1988.

10. IE Notice 86-106, Supplement 2

All issues are resolved with the exception of the affect of fire suppression water on security systems. The evaluation of this issue will be complete by 2 January 1989.

11. Issue 86-05-06 20 Foot Combustible Free Zone

The 20 foot combustible free zone has been walked down and all trays which encroach the zone have been identified and included in the scope of an MWR to perform the necessary work. The thermolag work associated with all identified deficiencies will be completed by 14 September 1988. The zone has been temporarily marked.

In addition to the thermolag work, the covered trays inside the 20 foot zone will be labeled and the zone will be posted in a manner to identify it as a combustible free zone. This work will be completed by 14 September 1988.

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12. Regulatory Guide 1.75 - Electrical Separation in the Remote Shutdown Panel

Modification has been completed.

The above schedule does not provide for any unscheduled outages. In that event a day for day slippage may occur, especially as it relates to thermolag related work. The schedule is also based on our understanding of the open issues as discussed at the exit interview, including our subsequent discussions. When the final report is issued, it may be necessary to adjust our schedule accordingly.

Should you have any questions regarding this matter, please contact me or S. L. Washington of my staff.

Very truly yours,

*C. M. Powers*

C. M. Powers  
WNP-2 Plant Manager

lw

cc: RB Samworth - NRC  
NRC Site Inspector - 901A

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