

# CATEGORY 1

## REGULATORY INFORMATION DISTRIBUTION SYSTEM (RIDS)

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 PARRISH,J.V. Washington Public Power Supply System  
 RECIP.NAME RECIPIENT AFFILIATION  
 Document Control Branch (Document Control Desk)

SUBJECT: Informs that written summary rept will be submitted to NRC  
 re GL 96-06, "Assurance of Equipment Operability &  
 Containment Integrity During Design-Basis Accident  
 Conditions," within 120 days.

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WASHINGTON PUBLIC POWER SUPPLY SYSTEM

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October 30, 1996  
GO2-96-213

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  
30 DAY RESPONSE TO GENERIC LETTER 96-06, "ASSURANCE OF  
EQUIPMENT OPERABILITY AND CONTAINMENT INTEGRITY  
DURING DESIGN-BASIS ACCIDENT CONDITIONS"**

Reference:    NRC Generic Letter 96-06, dated September 30, 1996, "Assurance of Equipment  
Operability and Containment Integrity During Design-Basis Accident Conditions"

The Supply System hereby responds to the referenced generic letter and provides the requested information regarding implementation action(s) and completion schedule. In the generic letter, the NRC staff identified three issues of concern:

- (1)   Cooling water systems serving containment air coolers may be exposed to the hydrodynamic effects of waterhammer during either a loss-of-coolant accident (LOCA) or a main steamline break (MSLB) for which they were not designed.
- (2)   Cooling water systems serving the containment air coolers may experience two-phase flow conditions during postulated LOCA and MSLB scenarios while the heat removal assumptions were based on single-phase flow conditions.
- (3)   Thermally induced overpressurization of isolated water-filled piping sections in containment could jeopardize the ability of accident mitigating systems to perform their safety functions and could also lead to a breach of containment integrity via bypass leakage.

The staff indicates that corrective actions may be needed to satisfy system design and operability requirements.

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RESPONSE TO GENERIC LETTER 96-06

The generic letter indicates that addressees are requested to determine:


- (1) if containment air cooler cooling water systems are susceptible to either water hammer or two-phase flow conditions during postulated accident conditions; and
- (2) if piping systems that penetrate containment are susceptible to thermal expansion of fluid so that overpressurization of piping could occur.

The information is requested within 120 days of the September 30, 1996 date of the generic letter, in the form of a written summary report stating actions. Within 30 days of the date of the generic letter the staff requires a written response indicating: (1) whether or not the requested actions will be completed, (2) whether or not the requested information will be submitted, and (3) whether or not the requested information will be submitted within the requested time period.

The Supply System will complete the requested actions and submit the response within the requested time period. However, the Supply System notes that ongoing and planned initiatives, such as the Safety System Functional Inspection involving three plant systems, Maintenance Rule Inspection, two Security Inspections; responses to the staff's 10CFR50.54F letter concerning design basis issues, Bulletin 96-03 regarding ECCS suction strainers, Generic Letter 96-05 regarding design-basis capability of safety-related motor-operated valves; and the resolution of spent fuel storage pool safety issues, in aggregation, represent a significant impact on resource loading and plant operations.

Should you have any questions or desire additional information regarding this matter, please call me or Ms. Lourdes Fernandez at (509) 377-4147.

Respectfully,



J. V. Parrish  
Chief Executive Officer  
Mail Drop 1023

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DL Williams - BPA/399  
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