



UNITED STATES
NUCLEAR REGULATORY COMMISSION

WASHINGTON, D.C. 20555-0001

August 31, 1998

Mr. J. V. Parrish
Chief Executive Officer
Washington Public Power Supply System
P.O. Box 968 (Mail Drop 1023)
Richland, Washington 99352-0968

SUBJECT: COMPLETION OF LICENSING ACTION FOR GENERIC LETTER 97-04,
"ASSURANCE OF SUFFICIENT NET POSITIVE SUCTION HEAD FOR
EMERGENCY CORE COOLING AND CONTAINMENT HEAT REMOVAL
PUMPS," DATED OCTOBER 7, 1997 - WNP-2 (TAC NO. MA0063)

Dear Mr. Parrish:

On October 7, 1997, the U.S. Nuclear Regulatory Commission (NRC) issued Generic Letter (GL) 97-04, "Assurance of Net Positive Suction Head for Emergency Core Cooling and Containment Heat Removal Pumps," to all holders of operating licenses or construction permits. The NRC issued GL 97-04 to confirm the adequacy of the net positive suction head (NPSH) available for emergency core cooling (including core spray and decay heat removal) and containment heat removal pumps under all design-basis accident scenarios.

In GL 97-04, the NRC staff specifically requested that licensees provide the information outlined below for each of their facilities:

1. Specify the general methodology used to calculate the head loss associated with the ECCS suction strainers.
2. Identify the required NPSH and the available NPSH.
3. Specify whether the current design-basis NPSH analysis differs from the most recent analysis reviewed and approved by the NRC for which a safety evaluation was issued.
4. Specify whether containment overpressure (i.e., containment pressure above the vapor pressure of the sump or suppression pool fluid) was credited in the calculation of available NPSH. Specify the amount of overpressure needed and the minimum overpressure available.
5. When containment overpressure is credited in the calculation of available NPSH, confirm that an appropriate containment pressure analysis was done to establish the minimum containment pressure.

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Mr. J. V. Parrish

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In response to GL 97-04, you provided letters dated November 4, 1997, and January 5, 1998, for WNP-2. These submittals provided the information requested by GL 97-04. The staff has reviewed your response and has concluded that all requested information has been provided; therefore we consider GL 97-04 closed for your facility. We thank you for your prompt and complete response.

If you have any questions regarding this matter, please contact me at (301) 415-1341.

Sincerely,

Original Signed By

Chester Poslusny, Senior Project Manager
Project Directorate IV-2
Division of Reactor Projects III/IV
Office of Nuclear Reactor Regulation

Docket No. 50-397

cc: See next page

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