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 BOUCHEY, G.D. Washington Public Power Supply System  
 RECIP. NAME RECIPIENT AFFILIATION  
 SCHWENCER, A. Licensing Branch 2

SUBJECT: Confirms 820303 telcon re standby svc water sys design & commits to UHS testing. FSAR will be revised to reflect design flow rate of 10,300 gpm.

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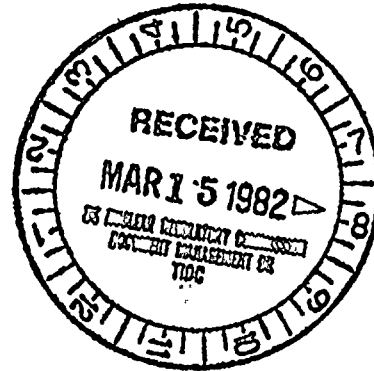
## Washington Public Power Supply System

P.O. Box 968 3000 George Washington Way Richland, Washington 99352 (509) 372-5000

March 5, 1982  
G02-82-297  
SS-L-02-82-010

Docket No. 50-397

Mr. A. Schwencer, Chief  
Licensing Branch No. 2  
Division of Licensing  
U.S. Nuclear Regulatory Commission  
Washington, D.C. 20555



Dear Mr. Schwencer:

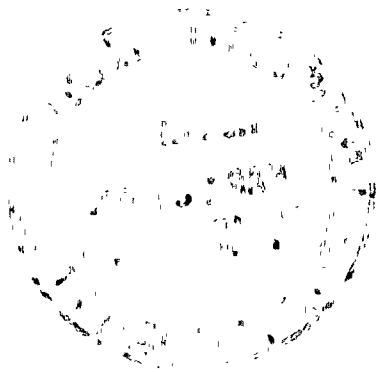
Subject: NUCLEAR PROJECT NO. 2  
STANDBY SERVICE WATER SYSTEM

It is the purpose of this letter, to transmit formally, information given to Messrs. R. Auluck and J. Ridgely of your staff, in a telephone conversation March 3, 1982 with R. Nelson, D. Myers, T. Keheley, and K. Pickett of the Supply System, to provide specific commitments for ultimate heat sink testing and response to NRC concern with Standby Service Water System design.

1. Table 9.2.2 of the WNP-2 FSAR will be revised to reflect the design flow rate of 10,300 gpm. At this flow rate, the top nozzle pressure was measured at 17.3 psi in testing in 1979.
2. The fuel pool heat load, the fuel pool pump room cooler heat load, and the pump work were included in ultimate heat sink analyses to determine maximum temperature of standby service water and remaining water inventory. The FSAR will be revised to clarify this point.
3. A periodic testing program has been defined to assure the functional capability of the standby service water pumps to deliver required flow rates. The pumps will be tested quarterly for flow rate and pressure.

*Boal  
5/10*

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Mr. A. Schwencer  
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4. The Supply System commits to perform drift loss tests of the ultimate heat sink spray pond before the first refueling outage to supplement data taken in testing in 1979. Tests will be performed in historically high average wind speed months, and will include a heat load from the plant.
5. Prior to fuel load the Supply System will perform leakage testing of the ultimate heat sink to verify the water retention capability of the ponds.

Very truly yours,



G. D. Bouchey  
Deputy Director, Safety and Security

KSN/jca

cc: R. Auluck, NRC  
W. S. Chin, BPA  
R. Feil, NRC  
J. Ridgely, NRC  
G. Staley, NRC

