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WASHINGTON PUBLIC POWER SUPPLY SYSTEM

P.O. Box 968 • Richland, Washington 99352-0968

March 24, 1999
GO2-99-057

Docket No. 50-397

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

Gentlemen:

Subject: **WNP-2 OPERATING LICENSE NPF-21,
ANALYTICAL EVALUATION OF INSERVICE INSPECTION
EXAMINATION RESULTS, ADDITIONAL INFORMATION**

Reference: Letter GO2-98-213 dated December 15, 1998, DW Coleman (SS) to NRC,
"Analytical Evaluation of Inservice Inspection Examination Results" //

To complement the information provided to your staff during conference calls on February 2 and 25, 1999, the Supply System is docketing the attached reports. It is our understanding that this information will be used to assist the NRC staff in review of WNP-2 Inservice Inspection (ISI) activities associated with the evaluation of a planar indication found on weld number 24RRC(2)A-1 during the Spring 1998 refueling outage. A047

This information was not required to be submitted to the NRC for review and approval prior to resumption of operation (under Generic Letter 88-01) in that the planar indication was determined not to be a crack or an indication due to Intergranular Stress Corrosion Cracking (IGSCC). The indication is considered an ultrasonic signal reflector condition from a fabrication repair. However, since a direct correlation between the repair and the inservice examination can not be made, it was conservatively decided to evaluate the indication as if the IGSCC mechanism is active, and apply the worst case loading to determine if the indication is acceptable for continued operation. Using this conservative approach, the reporting requirement of ASME Section XI, Subsection IWB-3134(b), was implemented. This requirement was satisfied by the referenced correspondence of December 15, 1998.

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**ANALYTICAL EVALUATION OF INSERVICE INSPECTION
EXAMINATION RESULTS, ADDITIONAL INFORMATION**

Page 2

Should you have any questions or desire additional information regarding this matter, please contact me or Mr. PJ Inserra at (509) 377-4147.

Respectfully,

D.W. Coleman

DW Coleman
Manager, Regulatory Affairs
Mail Drop PE20

Attachments: 1) Calculation ME-02-98-04, Rev. 0, Fracture Mechanics Evaluation of N1
Nozzle Safe End
2) GE Nuclear Energy, Examination Summary Sheet, Report No. R-R13-031
3) GE Nuclear Energy, Examination Summary Sheet, Report No. R-R13-031-S

cc: EW Merschoff - NRC RIV (w/o)
JS Cushing - NRC NRR
NRC Sr. Resident Inspector - 927N (w/o)
DL Williams - BPA/1399 (w/o)
PD Robinson - Winston & Strawn (w/o)

