PRIORITY 1
(ACCELERATED RIDS PROCESSING)

REGULATORY INFORMATION DISTRIBUTION SYSTEM (RIDS)

ACCESSION NBR:9503210444 DOC.DATE: 95/03/16 NOTARIZED: NO DOCKET #
FACIL:50-397 WPPSS Nuclear Project, Unit 2, Washington Public Powe 05000397
AUTH.NAME AUTHOR AFFILIATION
PARRISH,J.V. Washington Public Power Supply System
RECIP.NAME RECIPIENT AFFILIATION
CALLAN,L.J. Region 4 (Post 820201)

SUBJECT: Special rept:on 950305,reactor bldg effluent monitoring sys was inoperable for 72 hs,requiring submittal of special rept.

DISTRIBUTION CODE: IE22D COPIES RECEIVED:LTR 1 ENCL 0 SIZE: 2
TITLE: 50.73/50.9 Licensee Event Report (LER), Incident Rpt, etc.

NOTES:

| | RECIPIENT ID CODE/NAME | COPIES LTTR | COPIES ENCL | RECIPIENT ID CODE/NAME | COPIES LTTR | COPIES ENCL |
|---|---|---|---|---|---|---|
| | PD4-2 PD | 1 | 1 | CLIFFORD,J | 1 | 1 |
| INTERNAL: | ACRS | 1 | 1 | AEOD/SPD/RAB | 2 | 2 |
| | AEOD/SPD/RRAB | 1 | 1 | FILE CENTER 02 | 1 | 1 |
| | NRR/DE/ECGB | 1 | 1 | NRR/DE/EELB | 1 | 1 |
| | NRR/DE/EMEB | 1 | 1 | NRR/DISP/PIPB | 1 | 1 |
| | NRR/DOPS/OECB | 1 | 1 | NRR/DRCH/HHFB | 1 | 1 |
| | NRR/DRCH/HICB | 1 | 1 | NRR/DRCH/HOLB | 1 | 1 |
| | NRR/DRSS/PRPB | 2 | 2 | NRR/DSSA/SPLB | 1 | 1 |
| | NRR/DSSA/SRXB | 1 | 1 | RES/DSIR/EIB | 1 | 1 |
| | RGN4 FILE 01 | 1 | 1 | | | |
| EXTERNAL: | L ST LOBBY WARD | 1 | 1 | LITCO BRYCE,J H | 2 | 2 |
| | NOAC MURPHY,G.A | 1 | 1 | NOAC POORE,W. | 1 | 1 |
| | NRC PDR | 1 | 1 | NUDOCS FULL TXT | 1 | 1 |

NOTE TO ALL "RIDS" RECIPIENTS:
PLEASE HELP US TO REDUCE WASTE! CONTACT THE DOCUMENT CONTROL DESK, ROOM P1-37 (EXT. 504-2083 ) TO ELIMINATE YOUR NAME FROM DISTRIBUTION LISTS FOR DOCUMENTS YOU DON'T NEED!

TOTAL NUMBER OF COPIES REQUIRED: LTTR 28 ENCL ~~28~~ 0

PRIORITY 1 DOCUMENT

WASHINGTON PUBLIC POWER SUPPLY SYSTEM

P.O. Box 968 • 3000 George Washington Way • Richland, Washington 99352-0968 • (509) 372-5000

March 16, 1995
GO2-95-053

Docket No. 50-397

L. J. Callan
Regional Administrator
U.S. Nuclear Regulatory Commission
Region IV
611 Ryan Plaza Drive, Suite 400
Arlington, TX 76011-8064

Dear Mr. Callan:

Subject: WNP-2, OPERATING LICENSE NPF-21
SPECIAL REPORT: REACTOR BUILDING EFFLUENT MONITORING SYSTEM

This special report is submitted pursuant to the requirements of WNP-2 Technical Specification Section 3.3.7.5, "Accident Monitoring Instrumentation," including Table 3.3.7.5-1, Item 31, "Reactor Building Effluent Monitoring System." Item 31 references Action 81 which states: "With the number of OPERABLE accident monitoring instrumentation channels less than required by the Minimum Channels OPERABLE requirement, either restore the inoperable channel(s) to OPERABLE status within 72 hours, or: ... prepare and submit a Special Report to the Commission pursuant to Specification 6.9.2 within 14 days following the event..." At 0629 hours on March 5, 1995, the Reactor Building Effluent Monitoring System was inoperable for 72 hours, requiring the submittal of this special report.

Event Description

The 72 hour Technical Specification Action Statement for the Reactor Building Effluent Radiation Monitor High Range Detector was entered at 0629 hours on March 2, 1995, when the high range stack monitor (PRM-RE-1C) failed a self-test. The self test is an internal diagnostic which is performed every two hours. On failure, the Main Control Room received a "Stack Monitor System Trouble" annunciator. The stack monitor is part of the Reactor Building Effluent Monitoring System which is required to be in service during Operational Conditions 1, 2, and 3 in accordance with Technical Specification Table 3.3.7.5-1, Item 31.



IE22

SPECIAL REPORT: REACTOR BUILDING EFFLUENT MONITORING SYSTEM

Action Taken

The Backup Emergency Dose Projection System was verified operable as the preplanned alternate monitoring method in accordance with Table 3.3.7.5-1 Action 81 requirements and was initiated at 2355 hours on March 4, 1995.

A work request was initiated to identify and correct the component failure. Repair investigation verified a detector failure had occurred. Detector replacement is a lengthy process and requires a controlled warm-up and cooldown. The entire process, including the warm-up and cooldown, takes approximately 48 hours. Available replacement detectors were installed, however, post-maintenance testing found that detector replacements did not resolve the inoperability. The manufacturer was contacted in support of the repair and return to service of a detector. A detector was repaired, a vacuum was restored, and the cooldown to normal operating temperature (<77 Kelvin) completed.

Cause of the Inoperability

The cause of the Reactor Building Effluent Monitoring System inoperability was failure of the stack monitor detector.

System Status

The stack monitor detector was returned to service at 2100 on March 14, 1995.

Should you have any questions or desire additional information regarding this matter, please call me or D. A. Swank at (509) 377-4563.

Sincerely,

J. V. Parrish (Mail Drop 1023)
Vice-President, Nuclear Operations

JVP/LCF/ml

cc: KE Perkins, Jr. - NRC RIV, Walnut Creek Field Office
NS Reynolds - Winston & Strawn
JW Clifford - NRC
DL Williams - BPA/399
NRC Sr. Resident Inspector - 927N
NRC Document Control Desk