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 MARTIN, J.B. Region 5, Ofc of the Director

SUBJECT: Special rept re post-accident sampling containment atmosphere radiation monitor.

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Docket No. 50-397

February 16, 1989

Mr. J.B. Martin
Regional Administrator
USNRC, Region V
1450 Maria Lane, Suite 210
Walnut Creek, CA 94596

Dear Mr. Martin;

Subject: NUCLEAR PLANT NO. 2
LICENSE NO. NPF-21
SPECIAL REPORT: POST-ACCIDENT SAMPLING CONTAINMENT ATMOSPHERE
RADIATION MONITOR

This special report is submitted pursuant to the requirements of WNP-2
Technical Specification Table 3.3.7.5-1 (Instrument No. 24: Post Accident
Sampling Containment Atmospheric Radiation Monitor), Action Statement 81.

Action Statement 81 requires, "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:

- (a) Initiate the preplanned alternate method of monitoring the appropriate
parameter(s), and
- (b) In lieu of any other report required by Specification 6.9.1 prepare and
submit a Special Report to the Commission pursuant to Specification 6.9.2
within 14 days following the event outlining the action taken, the cause
of the inoperability and the plans and schedule for restoring the system
to operable status."

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On February 3, 1989 during an Emergency Preparedness Drill, Plant personnel were unable to obtain a sample from the Post Accident Sampling System (PASS). Accordingly, a Maintenance Work Request (MWR) was written to trouble shoot the problem. During the trouble shooting efforts it was discovered that vacuum pump PSR-P-702 (Suppression Pool Atmospheric Sample Return) would run freely but there was no compression. The problem is suspected to be a broken pump shaft. As a result, the system was inoperable and Post Accident Sampling Containment Atmospheric Radiation Monitor PSR-RI-704 was not able to perform its function as required by the Technical Specifications.

In the event of an inoperable PASS during accident conditions, the alternate method for assessing core damage is Plant Procedure (PPM) 9.3.22, "Core Damage Evaluation." Included in this procedure are evaluations of water level history, installed monitor indication and hydrogen content in the containment atmosphere.

Regarding restoring the system to operable status, replacement parts for PSR-P-702 are currently on order and the pump will be repaired as soon as possible (estimated completion date is April-May, 1989). As part of the repair effort, an evaluation of the failure mode will be performed and the results provided in a supplemental report.

Very truly yours,



C.M. Powers (M/D 927M)
WNP-2 Plant Manager

cc: Mr. C.J. Bosted, NRC Site (M/D 901A)
Ms. Dottie Sherman, ANI
Mr. D.L. Williams, BPA (M/D 399)

