



Palo Verde Nuclear
Generating Station

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April 27, 2000

U. S. Nuclear Regulatory Commission
ATTN: Document Control Desk
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Washington, D C 20555-0001

Dear Sirs:

**Subject: Palo Verde Nuclear Generating Station (PVNGS)
Unit 3
Docket No. STN 50-530
Special Report 3-SR-2000-001**

Attached please find Special Report 3-SR-2000-001 prepared and submitted pursuant to the PVNGS Offsite Dose Calculation Manual requirements. This report discusses the inoperability of the fuel building ventilation system high range radioactive gaseous effluent monitor for more than seventy-two (72) hours.

No commitments are being made to the NRC by this letter.

If you have any questions, please contact Daniel G. Marks, Section Leader, Regulatory Affairs, at (623) 393-6492.

Sincerely,

WEI/AKK/REB/kg

Attachment

cc: E. W. Merschoff (Region IV) (all with attachment)
M. B. Fields (NRR Project Manager)
J. H. Moorman (Resident Inspector)

Palo Verde Nuclear Generating Station Unit 3

Special Report No. 3-SR-2000-001

**Fuel Building Ventilation Radioactive Gaseous
Effluent High Range Monitoring Instrumentation Inoperable**

Docket No. STN 50-530

Initial Conditions:

At approximately 0337 MST on April 11, 2000, Palo Verde Unit 3 was in a refueling outage, with the core off-loaded to the spent fuel pool, when the fuel building Radioactive Gaseous Effluent High Range Monitor (RU-146) was declared inoperable due to its 120-vac power supply (PNB-D26) being removed from service for planned maintenance.

This Special Report is being submitted pursuant to the ODCM requirement 2.1, ACTION 42(b) to prepare and submit a Special Report to the Commission within 30 days if the monitor is not restored within 72 hours. The seventy-two (72) hour period for returning the monitor to an operable status expired at approximately 0337 MST on April 14, 2000.

Actions Taken:

The Preplanned Alternate Sampling Program for RU-146 to monitor the fuel building ventilation was completed pursuant to the ODCM requirement 2.1, ACTION 42(a) on April 14, 2000 at approximately 0350 MST. On April 14, 2000 at approximately 0500 MST, the 120-vac power supply was returned to service and the monitor was declared OPERABLE.

Cause of the Inoperability:

There was no malfunction of the monitor associated with the inoperability. The cause of the inoperability was planned maintenance on the 120-vac power supply to the monitor. A delay occurred in returning the power supply to service when an associated inverter experienced unforeseen problems.

Plans and Schedule for Restoring the Channels to OPERABLE Status:

On April 14, 2000 at approximately 0500 MST, the inverter and power supply were returned to service and the monitor was declared OPERABLE. The total elapsed time of the inoperability was approximately 73 hours and 23 minutes.