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**Arizona Nuclear Power Project**

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REGION V I&E

Mr. John B. Martin, Regional Administrator  
Office of Inspection and Enforcement  
U. S. Nuclear Regulatory Commission  
Region V  
1450 Maria Lane, Suite 210  
Walnut Creek, CA 94596-5368

June 5, 1985  
ANPP-32773EEVBJr

Subject: Palo Verde Nuclear Generating Station (PVNGS)  
Unit 1  
Special Report - Inoperability of High Range Noble  
Gas Activity Monitor  
Docket No. STN 50-528, License No. NPF-34  
File: 85-056-026; G.1.01.10

Dear Mr. Martin:

Attached please find a Special Report prepared and submitted pursuant to Table 3.3-13 (ACTION 42-b) and Specification 6.9.2 of Appendix A (Technical Specifications) to the Palo Verde Nuclear Generating Station, Unit No. 1 Operating License. This report discusses inoperability of the High Range Noble Gas Activity Monitor.

If you have any questions or concerns, please contact me.

Very truly yours,

*E E Van Brunt*  
E. E. Van Brunt, Jr. *DBK*  
Executive Vice President  
Project Director

EEVB/GEC/jle  
Attachments

cc: R. P. Zimmerman  
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PALO VERDE NUCLEAR GENERATING STATION UNIT 1

SPECIAL REPORT

INOPERABILITY OF HIGH RANGE NOBLE GAS ACTIVITY MONITOR

Docket No. STN 50-528

License No. NPF-34

This Special Report is required by Palo Verde Unit 1 Technical Specification Table 3.3-13, ACTION 42-b.

On April 26, 1985, the 72 hour ACTION statement for Operability of the Condenser Evacuation System High Range Noble Gas Activity Monitor (RU-142) was exceeded. This monitor was declared inoperable along with the Condenser Evacuation System Low Range Noble Gas Activity Monitor (RU-141), do to failure of the associated sample pump in RU-141. Subsequent to the sample pump being replaced on May 21, 1985, RU-142 had remained inoperable due to failure of the purge function (the purge function is utilized to verify sample flow indication in accordance with Technical Specification Table 4.3-8, Item 3e).

Technical Specification Table 3.3-13, ACTION 42-a, requires a monitoring program be initiated, upon RU-142 being declared inoperable in excess of 72 hours, when it is needed. Based upon results of the sampling program undertaken following RU-141 inoperability and subsequent data from RU-141, no additional monitoring had been deemed necessary to satisfy ACTION 42-a.

RU-142 was declared operable on May 29, 1985 following performance of the appropriate surveillance requirements. This followed a review of the surveillance procedure and an evaluation by engineering of the test features and parameters which resulted in adjustment of the purge duration set point.

