



Arizona Nuclear Power Project

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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

Subject: Palo Verde Nuclear Generating Station (PVNGS)
Unit 1
Docket No. STN 50-528 (License NPF-41)
Special Report-1-SR-85-018
File: 86-020-404

Dear Mr. Martin:

The attached supplement 02 to Special Report (1-SR-85-018) is submitted to provide additional information subject to the requirements of Technical Specification Table 3.3-13 (Radioactive Gaseous Effluent Monitoring Instrumentation) and Specification 6.9.2. This report discusses the 72-hour ACTION statement for the operability of the High Range Noble Gas Activity Monitor (RU-142).

If you have any questions, please contact T. R. Bradish, Compliance Supervisor at (602)932-5300 Ext. 6936.

Very truly yours,

J. G. Haynes
Vice President
Nuclear Production

JGH/JEM/dh

Attachment

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PALO VERDE NUCLEAR GENERATING STATION UNIT 1

Special Report 1-SR-85-018

Docket No. STN 50-528

License No. NPF-41

This is a supplement to Special Report 1-SR-85-018.

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

On September 25, 1985, Palo Verde Unit 1 was in Mode 1 at 60 percent reactor power when the Condenser Evacuation System High Range Monitor (RU-142) was inoperable for more than 72 hours. The monitor was declared inoperable due to the Condenser Evacuation Low Range Monitor (RU-141) being declared inoperable due to random loss of stored data.

The design of the system is such that, if the low range monitor is inoperable, the high range monitor is also inoperable.

RU-142 remained inoperable for greater than 72 hours due to troubleshooting on RU-141.

Actions taken for RU-141 in accordance with Technical Specification Table 3.3-13 have determined that implementation of ACTION 42(a) for RU-142 has not been necessary.

A Design Change Package (DCP)(No. 10E-SQ-049) has been approved for installing a new isolated grounding system for the Radiation Monitoring System. This modification is currently scheduled to be completed during the first system outage of sufficient duration after June 1, 1986.

DCP No. 10E-SQ-053 has been initiated to separate the high range monitors from the low range monitors. This modification is presently scheduled to be completed during the refueling outage in March 1987.

Condenser Evacuation System High Range Monitor RU-142 was returned to operable status December 9, 1985.