



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 2
Docket No. STN 50-529 (License NPF-51)
Special Report-2-SR-86-008
File: 86-020-404

Dear Mr. Martin:

The attached supplement 01 to Special Report (2-SR-86-008) is submitted to provide additional information subject to the requirements of Technical Specifications 3.5-13 and 6.9.2.

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/ESP/dh

Attachment

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PALO VERDE NUCLEAR GENERATING STATION UNIT 2

Supplement to Special Report No. 2-SR-86-008

RADIATION MONITORING UNIT NOT RESTORED TO OPERABLE STATUS WITHIN 72 HOURS

Docket No. STN 50-529

License No. NPF-51

This supplement to Special Report No. 2-SR-86-008 provides updated information on the event of March, 1986, in which Radiation Monitoring Unit RU-142 was declared inoperable and subsequently exceeded Action Statement 42b of Palo Verde Unit 1 Technical Specification, Table 3.3-13.

The Condensor Evacuation System High Range Radiation Monitor RU-142 was declared inoperable on March 31, 1986, due to spurious high and alert radiation alarms. Coincident spurious detector failure alarms caused RU-141 to be declared INOPERABLE. Since RU-141 supplies the sample flow to RU-142, RU-142 was also declared INOPERABLE. A work authorizing document was issued to troubleshoot the cause of the alarms and to repair the radiation monitor as appropriate. At 1710 on March 31, 1986, the 72 hour Action Statement for operability of the monitor was exceeded.

The initiation of the Preplanned Alternate Sampling Program (PASP) of Technical Specification 6.16 may be used as a compensatory measure during the inoperability of RU-142, to monitor the appropriate parameter(s) when necessary. However, since no source term is present at this time, implementation of the PASP was not required.

The root cause of this event was determined to be moisture trapped in the process/sample flow media, causing sample flow filter clogging from the condensor air removal system. To address the root cause, a moisture trap was installed in the monitor line under work order 143916. The radiation monitor was declared OPERABLE on April 15, 1986.