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SUBJECT: Corrected copy of Special Rept 1-SR-90-007.On 901221, containment bldg radiation monitor RU-1 inoperable for more than 72 h.On 901218,monitor declared inoperable due to high flow conditions.Caused by failure of flow totalizer.

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Arizona Public Service Company
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JAMES M. LEVINE
VICE PRESIDENT
NUCLEAR PRODUCTION

192-00710-JML/TRB/SBJ
January 16, 1991

(CORRECTED COPY)

U. S. Nuclear Regulatory Commission
Attention: NRC Document Control Desk
Mail Station: P1-37
Washington, D.C. 20555

Dear Sirs:

Subject: Palo Verde Nuclear Generating Station (PVNGS)
Unit 1
Docket No. STN 50-528 (License No. NPF-41)
Special Report 1-SR-90-007
File: 91-020-404

Attached please find Special Report 1-SR-90-007 prepared and submitted pursuant to Technical Specifications 3.3.3.1 ACTION 27 and 6.9.2. This report discusses the Containment Building Atmosphere Radiation Monitor being inoperable for a period greater than 72 hours.

If you have any questions, please contact T. R. Bradish, Compliance Manager, at (602) 393-2521.

Very truly yours,

James M. Levine

JML/TRB/SBJ/dmn

Attachment

cc: W. F. Conway (all w/attachment)
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IE22
1/1

PALO VERDE NUCLEAR GENERATING STATION UNIT 1

Radiation Monitor Inoperable

License No: NPF-41

Docket No. 50-528

Special Report 1-SR-90-007

Initial Conditions:

On December 21, 1990 Palo Verde Unit 1 was in Mode 1 (POWER OPERATION) at approximately 100 percent power.

Description of Event:

This Special Report is being submitted pursuant to Technical Specification 3.3.3.1 ACTION 27 and Technical Specification 6.9.2 to report an event in which the Containment Building Atmosphere Radiation Monitor (RU-1) was inoperable for a period greater than 72 hours. The 72 hour period for returning the monitor to service was exceeded at approximately 0830 MST on December 21, 1990.

On December 18, 1990 at approximately 0830 MST, the Containment Building Atmosphere Radiation Monitor (RU-1) was declared inoperable because of high flow conditions. RU-1 continuously monitors the containment atmosphere for particulate and gaseous activity to provide a qualitative indication of an increase in primary coolant system leakage. A portable radiation monitor was installed to continuously sample containment air and grab sampling initiated in accordance with Technical Specifications 3.3.3.1 Action 27.

Cause of Event:

The cause of RU-1 being inoperable was a failure of the flow totalizer. The radiation monitor could not be returned to service within 72 hours due to the time required to obtain replacement parts.

Based on current information, the failure is considered to be an isolated equipment failure. If additional information is developed from the evaluation of the failed flow totalizer, a supplement to the report will be submitted.

Corrective Actions:

The flow totalizer was replaced and the surveillance test was successfully performed. The radiation monitor was declared operable at approximately 1543 MST on December 28, 1990. RU-1 was inoperable for approximately 10 days, 7 hours and 13 minutes.