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RECIP. NAME RECIPIENT AFFILIATION
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SUBJECT: Responds to NRC ltr re violations noted in insp rept ept
50-529/89-03. Corrective actions: Routing condenser air
removal vent to plant vent & heat tracing lead shield
assembly internal to radiation monitor.

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NOTES: STANDARDIZED PLANT 05000528
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WILLIAM F. CONWAY
EXECUTIVE VICE PRESIDENT
NUCLEAR

102-02042-WFC/TRB/JJN

May 30, 1991

U. S. Nuclear Regulatory Commission
Attention: Document Control Desk
Mail Station: PL-37
Washington, DC 20555

Reference: Letter to U. S. Nuclear Regulatory Commission from J. N. Bailey,
Vice President, Nuclear Safety and Licensing, Arizona Public
Service, dated February 21, 1990

Dear Sirs:

Subject: Palo Verde Nuclear Generating Station (PVNGS)
Unit 1, 2, and 3
Docket No. STN 50-528 (License No. NPF-41)
Docket No. STN 50-529 (License No. NPF-51)
Docket No. STN 50-530 (License No. NPF-74)
Addendum to Reply to Notice of Violation 50-529/89-03-01
File: 91-070-026

This letter provides a status of the corrective actions for the condensate effluent monitor as discussed in the referenced letter and provides a new schedule for the completion of design changes to enhance the operability of the condensate effluent monitor. Additional design enhancements are currently being evaluated as discussed below.

The condensate effluent monitors had experienced vapor condensation on the particulate/iodine sample media and gas detector during the winter season. To preclude this condition, temporary modifications were completed in all three units. These temporary modifications included heat tracing of the system piping up to the gas detector and removal of the gas chamber from the lead shield. As a result, the monitors were not inoperable due to condensation during the recent winter season. The temporary heat tracing modifications have been formalized into a permanent design change. In the referenced letter, the implementation of this permanent modification was discussed. The due date was established based on the availability of parts and an outage of sufficient duration. The permanent heat tracing modification was completed in Unit 1 during the last surveillance outage and in Unit 3 during the 1991 refueling outage. This modification is scheduled to be completed in Unit 2 during the scheduled refueling outage in 1991.

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In addition to the heat tracing, APS is evaluating modifications to further preclude the potential for vapor condensation in the monitors and the removal of the existing temporary modifications internal to the monitors. The modifications being considered are:

- 1) Mechanically separating the moisture in the effluent sample,
- 2) Routing the condenser air removal vent to the plant vent, and/or
- 3) Heat tracing the lead shield assembly internal to the radiation monitor.

This evaluation is expected to be completed by September 1991. This evaluation will determine what additional modifications are required. A schedule for implementation will be developed by November 1991.

Should you have any questions regarding this response, please contact me.

Very truly yours,



WFC/TRB/JJN

Attachments

cc: J. B. Martin
D. H. Coe
A. H. Gutterman
A. C. Gehr

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