



RECEIVED
NRC

Arizona Nuclear Power Project

P.O. BOX 52034 • PHOENIX, ARIZONA 85072-2034

1985 JUN 28 AM 10: 04

REGION VI&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 25, 1985
ANPP-32904-EEVB/GEC

Subject: Palo Verde Nuclear Generating Station (PVNGS)
Unit 1
Special Report - Inoperability of Containment Atmosphere
Radiation Monitor Particulate Channel
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 3.3-6 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 the inoperability of the Particulate Channel of the Containment Radiation Monitor.

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

Very truly yours,

E. E. Van Brunt ASK

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

EEVB/GEC/slh
Attachments

cc: R.P. Zimmerman (all w/a)
A.L. Hon
E.A. Licitra
A.C. Gehr
INPO Records Center

8507160221 850625
PDR ADOCK 05000528
S PDR

11
IEO1

15

1941
SUMMER

1941
SUMMER

PALO VERDE NUCLEAR GENERATING STATION UNIT 1

SPECIAL REPORT

INOPERABILITY OF CONTAINMENT ATMOSPHERE RADIATION
MONITOR PARTICULATE CHANNEL

Docket No. STN 50-528

This special report is required by Palo Verde Unit 1 Technical Specification Table 3.3-6, Action 27-3.

The Containment Atmosphere Radiation Monitor (RU-1) Particulate Channel (IK) was declared inoperable on 5/26/85 at 1644. Grab samples were taken and analyzed every 24 hours to comply with Action Statement 3.4.5.1. To comply with Technical Specification Table 3.3-6 Action 27-2, a moveable air monitor was placed in line.

The particulate channel was assumed to be operating improperly as it was indicating zero radiation on the radiation monitoring system minicomputer. This was later determined by Operations Engineering to be a misunderstanding of how this channel operates. The Operations Engineering Manager generated a letter to the managers of Operations and Radiation Protection identifying how the radiation monitor determines the activity in the containment. The Radiation Protection Department procedures were revised to incorporate this information. The Radiation Protection Department also reviewed the existing radiation monitor setpoints and determined that these setpoints had always been conservative with respect to Technical Specifications prior to the radiation monitor being declared inoperable.

The radiation monitor was proven operable in accordance with station surveillance testing requirements and was returned to operable status on June 5, 1985.

1