

REGULATORY INFORMATION DISTRIBUTION SYSTEM (RIDS)

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 FACIL: STN-50-529 Palo Verde Nuclear Station, Unit 2, Arizona Publi 05000529  
 AUTH. NAME AUTHOR AFFILIATION  
 HAYNES, J. G. Arizona Nuclear Power Project (formerly Arizona Public Serv  
 RECIP. NAME RECIPIENT AFFILIATION  
 Document Control Branch (Document Control Desk)

SUBJECT: Special Rept 2-SR-86-008: on 860326, condenser evacuation sys  
 low range radiation monitor declared inoperable & on 870329,  
 72 h action statement exceeded. Caused by moisture trapped in  
 process/sample flow media. Moisture trap installed.

DISTRIBUTION CODE: IE22D COPIES RECEIVED: LTR 1 ENCL 1 SIZE: 2  
 TITLE: 50.73 Licensee Event Report (LER), Incident Rpt, etc.

NOTES: Standardized plant.

05000529

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INTERNAL:	ACRS MICHELSON	1 1		ACRS MOELLER	2 2
	AEOD/DOA	1 1		AEOD/DSP/NAS	1 1
	AEOD/DSP/ROAB	2 2		AEOD/DSP/TPAB	1 1
	ARM/DCTS/DAB	1 1		DEDRO	1 1
	NRR/DEST/ADS	1 0		NRR/DEST/CEB	1 1
	NRR/DEST/ELB	1 1		NRR/DEST/ICSB	1 1
	NRR/DEST/MEB	1 1		NRR/DEST/MTB	1 1
	NRR/DEST/PSB	1 1		NRR/DEST/RSB	1 1
	NRR/DEST/SCB	1 1		NRR/DLPQ/HFB	1 1
	NRR/DLPQ/QAB	1 1		NRR/DOEA/EAB	1 1
	NRR/DREP/RAB	1 1		NRR/DREP/RPB	2 2
	NRR/DRIS/SIB	1 1		NRR/PMAS/ILRB	1 1
	REG FILE 02	1 1		RES DEPY GI	1 1
	RES TELFORD, J	1 1		RES/DE/EIB	1 1
	RGN5 FILE 01	1 1			
EXTERNAL:	EG&G GROH, M	5 5		H ST LOBBY WARD	1 1
	LPDR	1 1		NRC PDR	1 1
	NSIC HARRIS, J	1 1		NSIC MAYS, G	1 1

NOTES: 1 1



## Arizona Nuclear Power Project

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192-00318-JGH/TRB/JEM

November 24, 1987

NRC Document Control Desk  
U.S. Nuclear Regulatory Commission  
Washington, D.C. 20555

Dear Sirs:

Subject: Palo Verde Nuclear Generating Station  
Unit 2  
Docket No. STN 50-529 (License NPF-51)  
Supplement to Special Report 2-SR-86-008  
File: 87-020-404

Attached please find Supplement 2 to Special Report 2-SR-86-008 prepared and submitted pursuant to Technical Specification 3.3.3.8 and 6.9.2. This report is submitted to provide updated information from the previous supplement.

If you have any questions, please contact Tom Bradish, Compliance Lead at (602) 393-3531.

Very truly yours,

J. G. Haynes  
Vice President  
Nuclear Production

JGH/TRB/kj

Attachment

cc: O. M. DeMichele (all w/a)  
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PALO VERDE NUCLEAR GENERATING STATION

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 the Condenser Evacuation System High Range Radiation Monitor, RU-142 was declared inoperable and subsequently exceeded ACTION Statement 42 of Palo Verde Unit 2 Technical Specification 3.3.3.8, Table 3.3-13.

Monitors RU-141 and RU-142 monitor the Condenser Evacuation System for gaseous activity resulting from primary to secondary system leakage. These monitors work as a pair with RU-141 being the low range monitor and RU-142 being the high range monitor. Normal configuration consists of RU-141 operating and RU-142 in standby. When RU-141 reaches it's maximum range, RU-142 starts and RU-141 goes to standby.

The Condenser Evacuation System Low Range Radiation Monitor RU-141, was declared inoperable at 0831 MST on March 26, 1986, due to low flow alarms being received. Since RU-141 and RU-142 work in tandem, RU-142 was also declared inoperable. A work authorizing document was issued to troubleshoot the cause of the alarms and to repair monitor RU-141 as appropriate. At 0831 on March 29, 1986, the 72 hour ACTION Statement for operability for monitor RU-142 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 condenser air removal system. To address the root cause, a moisture trap was installed in the monitor sample line under an authorized work document. The radiation monitor was declared OPERABLE on April 16, 1986.

