

## REGULATORY INFORMATION DISTRIBUTION SYSTEM (RIDS)

NOTES: Standardized plant.

05000529

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INTERNAL:	ACRS MICHELSON	1	1	ACRS MOELLER	2	2
	ACRS WYLIE	1	1	AEOD/DOA	1	1
	AEOD/DSP/TPAB	1	1	AEOD/ROAB/DSP	1	1
	ARM/DCTS/DAB	1	1	DEDRO	1	1
	NRR/DEST/ADS 7E	1	0	NRR/DEST/CEB 8H	1	1
	NRR/DEST/ESB 8D	1	1	NRR/DEST/ICSB 7	1	1
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	NRR/DLPQ/QAB 10	1	1	NRR/DOEA/EAB 11	1	1
	NRR/DREP/RAB 10	1	1	NRR/DREP/RPB 10	2	2
	NRR/DRIS/SIB 9A	1	1	NUDOCS-ABSTRACT	1	1
	REG FILE 02	1	1	RES/DSIR/EIB	1	1
	RES/DSR/PRAB	1	1	RGN5 FILE 01	1	1
EXTERNAL:	EG&G WILLIAMS,S	4	4	FORD BLDG HOY,A	1	1
	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

**NOTE TO ALL "RIDS" RECIPIENTS:**

PLEASE HELP US TO REDUCE WASTE! CONTACT THE DOCUMENT CONTROL DESK,  
ROOM P1-37 (EXT. 20079) TO ELIMINATE YOUR NAME FROM DISTRIBUTION .  
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## Arizona Nuclear Power Project

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192-00436-JGH/TDS/JEM

December 6, 1988

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

Dear Sirs:

Subject: Palo Verde Nuclear Generating Station (PVNGS)  
Unit 2  
Docket No. STN 50-529 (License No. NPF-51)  
Special Report 2-SR-88-008  
File: 88-020-404

Attached please find Special Report 2-SR-88-008 prepared and submitted pursuant to Technical Specifications 3.3.3.1 and 6.9.2. This report discusses the Post Accident Sampling System being inoperable for greater than 7 days.

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

Very truly yours,

J. G. Haynes  
Vice President  
Nuclear Production

JGH/TDS/JEM/kj

Attachment

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PALO VERDE NUCLEAR GENERATING STATION  
PASS INOPERABLE FOR GREATER THAN 7 DAYS

License No. NPF-51

Docket No. 50-529

Special Report 2-SR-88-008

This Special Report is being submitted in accordance with Technical Specifications 3.3.3.1 ACTION 28-2 and 6.9.2 to report an event in which the Post Accident Sampling System (PASS) was inoperable for a period greater than 7 days. The 7 day limit for inoperability was exceeded at approximately 0900 MST on November 8, 1988.

At approximately 0900 MST on November 1, 1988, Palo Verde Unit 2 was in Mode 1 (POWER OPERATION) at 100 percent power when PASS was declared inoperable to perform an authorized Preventative Maintenance Work Order (PMWO) to calibrate the PASS gas sample flow loop. In accordance with Technical Specification 3.3.3.1 ACTION 28-1 the Preplanned Alternate Sampling Program was initiated at 0725 MST on November 8, 1988.

During performance of the PMWO the PASS Gas Sample Flow Transmitter (FT-52) as found data was unsatisfactory and appeared to be non-linear. All attempts to calibrate FT-52 were unsuccessful. A new flow measuring unit was obtained from the warehouse. The new flow measuring unit had the signal conditioner attached to the flow element (FE) whereas the old flow measuring unit had the signal conditioner in a local panel which is approximately 6 feet from the FE. The flow measuring unit is first bench calibrated before placing it into the system. Calibration of FT-52 could not be successfully performed with the new flow measuring unit. The flow measuring unit was then sent to the vendor for adaption to current plant design and calibration. Upon receipt of the flow loop system from the vendor, it was installed in accordance with an approved work order. The PM was then completed satisfactorily at 1530 MST on November 7, 1988.

During performance of the operating procedure, to verify that adequate containment sample flow could be established, it was determined that the containment sample flow would not meet the requirements of the surveillance test. An authorized work order to troubleshoot rework/replace components to correct the low flow condition was initiated. Troubleshooting in accordance with the work order identified air leaks at various fittings. Fittings were either tightened or replaced as necessary. During troubleshooting, inlet isolation valve (V-56) for the local atmospheric sample was removed and then reinstalled. During the reinstallation, the tightness of the mounting bolts caused V-56 to be slightly misaligned preventing the valve from opening completely. The valve was reinstalled with close attention to detail in tightening the mounting bolts. Valve V-56 then operated smoothly and sufficient sample flow was achieved.

The appropriate surveillance test (74ST-2SS04) was performed satisfactorily and PASS was returned to an operable status at 0935 MST on November 23, 1988. PASS was inoperable for approximately 22 days.

