

# REGULATORY INFORMATION DISTRIBUTION SYSTEM (RIDS)

ACCESSION NBR: 8709100331      DOC. DATE: 87/09/01      NOTARIZED: NO      DOCKET #  
 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-87-022: on 870828, notification of unusual  
 event declared due to release in excess of 6.62 E-4 mCi per  
 cubic centimeter. Caused under investigation. Corrective  
 action will be developed based on investigation results.

DISTRIBUTION CODE: IE22D      COPIES RECEIVED: LTR 1 ENCL 1      SIZE: 3  
 TITLE: 50.73 Licensee Event Report (LER), Incident Rpt, etc.

NOTES: Standardized plant.

05000529

	RECIPIENT ID CODE/NAME	COPIES LTTR ENCL		RECIPIENT ID CODE/NAME	COPIES LTTR ENCL
	PD5 LA	1 1		PD5 PD	1 1
	LICITRA, E	1 1		DAVIS, M	1 1
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
	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/SGB	1 1
	NRR/DLPQ/HFB	1 1		NRR/DLPQ/GAB	1 1
	NRR/DOEA/EAB	1 1		NRR/DREP/RAB	1 1
	NRR/DREP/RPB	2 2		NRR/PMAS/ILRB	1 1
	<u>REG FILE</u> 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

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

192-00274-JGH-TRB/MJC  
September 1, 1987

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

Subject: Palo Verde Nuclear Generating Station (PVNGS)  
Unit 2  
Docket No. STN 50-529 (License NPF-51)  
Special Report 2-SR-87-022  
File: 87-020-404

Dear Sirs:

Attached please find a Special Report 2-SR-87-022 prepared and submitted pursuant to Emergency Plan Implementing Procedure -02. This report discusses a NOTIFICATION OF UNUSUAL EVENT due to a gaseous effluent release.

If you have any questions, please contact T. R. Bradish, Compliance Supervisor at (602) 393-3531.

Very truly yours,

J. G. Haynes  
Vice President  
Nuclear Production

JGH/TRB/MJC/cld

Attachment

cc: O. M. DeMichele (all w/a)  
E. E. Van Brunt, Jr.  
J. B. Martin  
J. R. Ball  
E. A. Licitra  
A. C. Gehr  
INPO Records Center

8709100331 870901  
PDR ADOCK 05000529  
S PDR

1322  
11

PALO VERDE NUCLEAR GENERATING STATION

NOTIFICATION OF UNUSUAL EVENT

Docket No. 50-529

License No. NPF-51

Special Report No. 2-SR-87-022

At approximately 1715 MST on August 28, 1987, the USNRC Operations Center was notified via the Emergency Notification System of the declaration of a NOTIFICATION OF UNUSUAL EVENT (NUE) for Palo Verde Nuclear Generating Station Unit 2. The NUE was declared pursuant to Emergency Plan Implementing Procedure EPIP-02 which requires the submission of a report for a plant vent release in excess of  $6.62 \text{ E-4 Micro Curies (Ci)/cubic centimeter (cc)}$ .

Prior to the event, with Unit 2 in Mode 1 (POWER OPERATION) at 100 percent power, preparations were being made to perform corrective maintenance on the "B" waste gas decay tank (WGDT) relief valve. Preparations included draining and venting of the gaseous radwaste surge tank and WGDT "B". During the venting process, an alarm was received on the low range plant vent radiation monitor (RU-143). Radiation levels had increased to approximately  $7.79 \text{ E-4 micro Ci/cc}$ . This is in excess of the NUE setpoint ( $6.62 \text{ E-4 micro Ci/cc}$ ) specified in EPIP-02.

Radiation Protection technicians verified that the alarm received on RU-143 was valid and at approximately 1715 MST, the shift supervisor declared an NUE and the appropriate notifications were made. The NUE was terminated concurrent with the declaration since the plant vent release concentrations had decreased below  $6.62 \text{ E-4 micro Ci/cc}$  by 1715 MST.

Evaluation of the event determined that the exposure limits specified in Technical Specifications were not exceeded and the event did not hamper site personnel in their duties necessary for the safe operation of the plant. An investigation of the cause of the event is currently in process. Corrective action necessary to prevent recurrence will be developed based on the results of the investigation.

1231 10 11 1987