

LICENSEE EVENT REPORT (LER)

FACILITY NAME (1) Palo Verde Unit 1	DOCKET NUMBER (2) 0 5 0 0 0 5 2 8 1	PAGE (3) 1 OF 2
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TITLE (4)  
Inadvertent Control Room Essential Ventilation Signal Actuation

EVENT DATE (5)			LER NUMBER (6)			REPORT DATE (7)			OTHER FACILITIES INVOLVED (8)		
MONTH	DAY	YEAR	YEAR	SEQUENTIAL NUMBER	REVISION NUMBER	MONTH	DAY	YEAR	FACILITY NAMES		DOCKET NUMBER(S)
01	16	85	85	001	01	03	01	85			0 5 0 0 0
											0 5 0 0 0

OPERATING MODE (8) 6	THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10 CFR § (Check one or more of the following) (11):										
POWER LEVEL (10) 0 0 0	20.402(b)	<input checked="" type="checkbox"/>	20.406(e)	<input type="checkbox"/>	50.73(a)(2)(iv)	<input type="checkbox"/>	73.71(b)	<input type="checkbox"/>	OTHER (Specify in Abstract below and in Text, NRC Form 366A)		
	20.406(a)(1)(i)	<input type="checkbox"/>	50.36(e)(1)	<input type="checkbox"/>	50.73(a)(2)(v)	<input type="checkbox"/>	73.71(c)	<input type="checkbox"/>			
	20.406(a)(1)(ii)	<input type="checkbox"/>	50.36(e)(2)	<input type="checkbox"/>	50.73(a)(2)(vii)	<input type="checkbox"/>		<input type="checkbox"/>			
	20.406(a)(1)(iii)	<input type="checkbox"/>	50.73(a)(2)(i)	<input type="checkbox"/>	50.73(a)(2)(viii)(A)	<input type="checkbox"/>		<input type="checkbox"/>			
	20.406(a)(1)(iv)	<input type="checkbox"/>	50.73(a)(2)(ii)	<input type="checkbox"/>	50.73(a)(2)(viii)(B)	<input type="checkbox"/>		<input type="checkbox"/>			
	20.406(a)(1)(v)	<input type="checkbox"/>	50.73(a)(2)(iii)	<input type="checkbox"/>	50.73(a)(2)(x)	<input type="checkbox"/>		<input type="checkbox"/>			

LICENSEE CONTACT FOR THIS LER (12)

NAME William F. Quinn (Extension 6087)	TELEPHONE NUMBER
	AREA CODE: 6 0 2    9 4 3 - 1 7 2 0 1 0

COMPLETE ONE LINE FOR EACH COMPONENT FAILURE DESCRIBED IN THIS REPORT (13)

CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NPRDS	CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NPRDS

SUPPLEMENTAL REPORT EXPECTED (14) <input checked="" type="checkbox"/> YES (If yes, complete EXPECTED SUBMISSION DATE) <input type="checkbox"/> NO	EXPECTED SUBMISSION DATE (15)	MONTH DAY YEAR 0 3 3 1 8 5
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ABSTRACT (Limit to 1400 spaces, i.e., approximately fifteen single-space typewritten lines) (16)

This supplement provides information concerning actuation of the Control Room Essential Filtration Actuation System (CREFAS) that is similar to the previous actuation as reported.

On January 16, 1985 at 1638 Unit 1 was in Mode 6. While taking the "A" Train (CREFAS) module on the Balance Of Plant (BOP) Engineered Safety Features Actuation System (ESFAS) out of bypass, an improper sequence was used to return the module to service causing an "A" Train CREFAS actuation. CREFAS "A" was placed in bypass, and control building ventilation was restored to the lineup which existed prior to the event.

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LICENSEE EVENT REPORT (LER) TEXT CONTINUATION

FACILITY NAME (1)  Palo Verde Unit 1	DOCKET NUMBER (2)  0 5 0 0 0 5 2 8	LER NUMBER (6)			PAGE (3)		
		YEAR	SEQUENTIAL NUMBER	REVISION NUMBER			
		8 5	- 0 0 1	- 0 1	0	2	OF 0 2

TEXT (If more space is required, use additional NRC Form 366A's) (17)

With Unit 1 in Mode 6, the "A" Train Control Room Essential Filtration Actuation System (CREFAS) was removed from service to allow work to be performed on radiation monitor RU-29. RU-29 provides an automatic signal to actuate the "A" Train CREFAS on high radiation level at the control building ventilation system intake.

After the maintenance work was completed, the CREFAS module was taken out of bypass using an improper sequence causing an actuation of the "A" Train Control Room Essential Filtration equipment. The module was subsequently returned to bypass and the ventilation system lineup restored to the condition prior to the event.

The bypass signal was removed using the proper sequence and the "A" Train CREFAS channel returned to service.

The root cause of this event, as with the previous event related to this LER, is operator error due to procedural inadequacy. The Operations Department procedure covering the Balance Of Plant Engineered Safety Features Actuation System is being written to provide further guidance to personnel for operating the system. It is expected that this procedural revision and operator training will be completed within 30 days.



## Arizona Nuclear Power Project

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ANPP-32037-EEVB/WFQ

March 1, 1985

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

Subject: Palo Verde Nuclear Generating Station (PVNGS)  
Unit 1  
Licensee Event Report  
Docket No. STN 50-528, License No. NPF-34  
File: 85-056-026; G.1.01.10

Reference: Letter from E. E. Van Brunt, Jr., APS, to U.S. Nuclear Regulatory Commission, Document Control Desk, ANPP-31943, dated February 15, 1985.

Dear Sirs:

Attached please find Licensee Event Report (LER) No. 85-001-01 prepared and submitted pursuant to 10 CFR 50.73. LER No. 85-001-00 was submitted on February 12, 1985. By copy of this letter we are also forwarding a copy of the LER to the Regional Administrator of the Region V Office.

This LER is being submitted in accordance with the schedule presented in the referenced letter. This schedule was discussed with Mr. E. Licitra, Project Manager for the Palo Verde Nuclear Generating Station, on February 15, 1985.

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

Very truly yours,

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

EEVB/GEC/mb  
Attachment

cc: J. B. Martin  
R. P. Zimmerman  
E. A. Licitra  
A. C. Gehr  
INPO Records Center

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11