

## LICENSEE EVENT REPORT (LER)

FACILITY NAME (1)  
Palo Verde Unit 1

DOCKET NUMBER (2)

0 5 0 0 0 5 2 8 1 OF 0 2

TITLE (4)

Improper Fire Patrols

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)						
0	4	1	2	8	5	8	5	0	1	6	0	5	0	0	0		

OPERATING MODE (9)		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	0	20.402(b)	20.405(c)	50.73(a)(2)(iv)	73.71(b)					
					20.405(a)(1)(i)	50.38(c)(1)	50.73(a)(2)(v)	73.71(e)					
					20.405(a)(1)(ii)	50.38(c)(2)	50.73(a)(2)(vii)	OTHER (Specify in Abstract below and in Text, NRC Form 366A)					
					20.405(a)(1)(iii)	X 50.73(a)(2)(i)	50.73(a)(2)(viii)(A)						
					20.405(a)(1)(iv)	50.73(a)(2)(ii)	50.73(a)(2)(viii)(B)						
					20.405(a)(1)(v)	50.73(a)(2)(iii)	50.73(a)(2)(ix)						

LICENSEE CONTACT FOR THIS LER (12)

NAME	TELEPHONE NUMBER
Willaim F. Quinn (extension 4087)	AREA CODE 6 1 0 2 9 1 4 3 1 - 1 7 2 1 0 1 0

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

CAUSE	SYSTEM	COMPONENT	MANUFAC-TURER	REPORTABLE TO NPROS	CAUSE	SYSTEM	COMPONENT	MANUFAC-TURER	REPORTABLE TO NPROS

SUPPLEMENTAL REPORT EXPECTED (14)

YES (If yes, complete EXPECTED SUBMISSION DATE)	NO	EXPECTED SUBMISSION DATE (15)	MONTH	DAY	YEAR
	X				

ABSTRACT (Limit to 1400 spaces, i.e., approximately fifteen single-space typewritten lines) (16)

During the period from March 23, 1985, through April 15, 1985, while the plant was in Mode 5, roving fire patrols were not conducted hourly as required by Technical Specification 3.7.12. The causes of this continuing event were the lack of appreciation, by the individuals on roving patrols, for the importance of their responsibilities and that management measures implemented to achieve adequate performance went unheeded by the responsible individuals on roving patrols.

Corrective actions taken by management that resulted in improved, yet inadequate, performance of the constructor's craft personnel assigned as roving patrols included: retraining, improved log sheets, rescheduling of shift changes, increased surveillance and log reviews, and disciplinary action. These actions proved to be only marginally successful. The assignment of plant staff to the roving patrols in place of the constructor's craft personnel and improved written direction has resulted in proper performance.

This event is a supplement to LER 85-016-00.

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## LICENSEE EVENT REPORT (LER) TEXT CONTINUATION

APPROVED OMB NO. 3150-0104

EXPIRES: 8/31/85

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

TEXT (If more space is required, use additional NRC Form 365A's) (17)

During the period from March 23, 1985, through April 15, 1985, while the plant was in Mode 5, roving fire patrols were not conducted hourly as required by Technical Specification 3.7.12.

As a consequence of the event described in the basic report, and in response to the problems identified therein, increased attention was devoted to the roving fire patrols. It became apparent that the individuals assigned to fire patrols, who were members of the constructor's craft organization, did not have an adequate appreciation for the importance of their responsibilities. Subsequent escalating management actions, detailed below, were at first unable to achieve adequate levels of performance until April 16, 1985, when members of the utility staff were assigned responsibilities for roving fire patrols, in lieu of contractor's personnel, and additional written instructions were provided.

In the week following the initial event, the duties of the roving patrols were reemphasized to the individuals involved and their superiors. On March 31, the Shift Supervisor contacted the Fire Protection Supervisor, expressing concern about the performance of the roving patrols. Reviews of logs on April 1 and 2 revealed the continuing problem that intervals longer than one hour were occurring between consecutive rounds by the roving patrols. Discussions were held with the supervising foreman. By April 4, performance had still not achieved satisfactory levels. A review by the Fire Protection Supervisor, the cognizant Utility Maintenance Staff Supervisor, and the Contractor's Construction Superintendent resulted in special training sessions for all fire watch personnel, modified shift turnover times, and increased surveillance by the Fire Protection Staff. On April 8, review of log readings revealed improved performance, yet there were periodic failures to maintain less than one hour between rounds. Disciplinary measures, including termination, failed to prove effective. New, clarified logs helped somewhat, but occasional problems were still being experienced. On April 10, utility employees assumed roving watch responsibilities. On April 15, another failure to conduct rounds within sixty minutes was experienced. A letter to all fire watch personnel was issued by the cognizant superintendent that provided improved specific direction. This action along with the improved logs, more detailed instructions, and more extensive monitoring by station staff has resulted in properly conducted roving fire patrols.



## Arizona Nuclear Power Project

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

ANPP-32559-EEVB/GEC  
May 6, 1985

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

Dear Sirs:

Attached please find Licensee Event Report (LER) No. 85-016-01 prepared and submitted pursuant to 10 CFR 50.73. This LER addresses improper fire patrols. By copy of this letter we are also forwarding a copy of the LER to the Regional Administrator of the Region V Office.

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/rb

Attachment

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

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