

LICENSEE EVENT REPORT (LER)

FACILITY NAME (1) Trojan Nuclear Plant										DOCKET NUMBER (2) 0 5 0 0 0 3 4 4				PAGE (3) 1 OF 0 3		
TITLE (4) Hourly Fire Patrols for Inoperable Fire Barriers Missed																
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 N/A				DOCKET NUMBER(S) 0 5 0 0 0			
0 6	0 5	8 8	8 8	0 1 7	0 0	0 7	0 5	8 8					0 5 0 0 0			
OPERATING MODE (9)		THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10 CFR 5: (Check one or more of the following) (11)														
5		20.402(a)				20.406(a)				90.73(a)(2)(iv)				73.71(a)		
POWER LEVEL (10)		20.406(a)(1)(i)				90.36(a)(1)				90.73(a)(2)(v)				73.71(a)		
0 0 0		20.406(a)(1)(ii)				90.36(a)(2)				90.73(a)(2)(vi)				OTHER (Specify in Abstract below and in Text, NRC Form 308A)		
		20.406(a)(1)(iii)				90.73(a)(2)(i)				90.73(a)(2)(vii)(A)						
		20.406(a)(1)(iv)				90.73(a)(2)(j)				90.73(a)(2)(vii)(B)						
		20.406(a)(1)(v)				90.73(a)(2)(iii)				90.73(a)(2)(x)						
LICENSEE COM' ACT FOR THIS LER (12)																
NAME Larry Hinson, Plant Review Board Engineer										TELEPHONE NUMBER 5 0 1 3 5 5 6 1 - 3 7 1 1 3						
COMPLETE ONE LINE FOR EACH COMPONENT FAILURE DESCRIBED IN THIS REPORT (13)																
CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NRC		CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NRC						
N/A																
SUPPLEMENTAL REPORT EXPECTED (14)												EXPECTED SUBMISSION DATE (15)		MONTH	DAY	YEAR
<input type="checkbox"/> YES (If yes, complete EXPECTED SUBMISSION DATE)												<input checked="" type="checkbox"/> NO				

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

On June 5, 1988, fire barriers for the Electrical Penetration Area and the Service Water Pump Room were inoperable due to maintenance and construction activities in these areas. The compensatory measures of Technical Specification 3.7.9 had been taken. At approximately 0845 it was discovered that the hourly fire patrol for the Electrical Penetration Area and Service Water Pump Room had not been performed since 01:00.

The cause of this event was that the Security Supervisor did not provide clear direction regarding shift assignment to the security officer he intended to perform these checks. A contributing cause was that procedures did not exist to require a review of hourly patrol records.

Directions to the security force have been revised to clearly define the specific duties of each assignment. The duties of the Central Alarm Station and Secondary Alarm Station operators have been revised to include a mandatory hourly check that fire patrols have been completed.

This event had no effect on public health and safety.

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LICENSEE EVENT REPORT (LER) TEXT CONTINUATION

FACILITY NAME (1) Trojan Nuclear Plant	DOCKET NUMBER (2) 0 5 0 0 0 3 4 4 8 8 - 0 1 7 - 0 0 0 2 OF 0 3	LER NUMBER (6)			PAGE (3)		
		YEAR	SEQUENTIAL NUMBER	REVISION NUMBER			

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

Description of Event

On June 5, 1988, the plant was in Mode 5 (cold shutdown). Fire barriers for the Electrical Penetration Area and the Service Water Pump Room were inoperable due to maintenance and construction activities in these areas. The compensatory measures of Technical Specification 3.7.9 (checking of local smoke detectors and establishment of an hourly fire patrol) had been taken as required. At approximately 0845 it was discovered that the hourly fire patrol for the Electrical Penetration Area and Service Water Pump Room had not been performed since 0500.

Fire patrols are performed by designated members of the Trojan security force. At the morning shift change on June 5, the unexpected absence of a security officer necessitated a last minute reassignment of duties. The security supervisor intended for one of the reassigned officers to perform fire patrol checks in addition to his routine assignment. Fire Patrol duties were not formally assigned to this person's position, and he did not understand his supervisor's intention that he perform fire patrol. The omission of these patrols was discovered by the security Secondary Alarm Station (SAS) operator. The Security Watch Supervisor was informed and directed performance of the required fire patrol. The fire patrols were resumed at 0900.

A previous occurrence of a fire patrol being missed for an inoperable fire door was reported in Licensee Event Report 88-009 on May 19, 1988.

Cause of Occurrence

The cause of this event was that the Security Supervisor did not provide clear direction to the security officer regarding his shift assignment. The supervisor assumed the officer understood that his assignment included fire patrol duties. The security officer did not have this understanding.

A contributing cause was that procedures did not exist to require a review of hourly patrol records. The SAS operator was tasked with logging completion of the fire patrol checks, but was not required to verify hourly completion of the fire patrols. The missed patrol could have been discovered sooner had such a requirement existed.

Corrective Action

Additional steps to those taken as a result of LER 88-009 have been taken to prevent recurrence of this event. Directions to the security force have been revised to clearly define the specific duties of each assignment. The duties of the Central Alarm Station and Secondary Alarm Station operators have been revised to include a mandatory hourly check that fire patrols have been completed. Instruction has been given to Security Supervisors directing that they ensure fire patrols are in place and understand their duties.



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July 5, 1988
CAO-252-88

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

Gentlemen:

Licensee Event Report No. 88-17 is attached. This report discusses an event in which an hourly fire patrol was not maintained while fire barriers were removed from service.

Sincerely,

C. A. Olmstead
General Manager
Trojan Nuclear Plant

c: Mr. John B. Martin
Regional Administrator
US Nuclear Regulatory Commission

Mr. William Dixon
State of Oregon
Department of Energy

Mr. R. C. Barr
USNRC Resident Inspector
Trojan Nuclear Plant

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