

LICENSEE EVENT REPORT (LER)

FACILITY NAME (1) **Shoreham Nuclear Power Station Unit #1** DOCKET NUMBER (2) **05000322** PAGE (3) **1 OF 12**

TITLE (4)
Missed Continuous Fire Watches

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	08	85	85	004	00	02	07	85	NONE		05000

OPERATING MODE (9) **5**

POWER LEVEL (10) **000**

THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10 CFR 5. (Check one or more of the following) (11)

<input type="checkbox"/> 20.402(a)	<input type="checkbox"/> 20.406(e)	<input type="checkbox"/> 50.73(a)(2)(iv)	<input type="checkbox"/> 73.71(b)
<input type="checkbox"/> 20.406(a)(1)(i)	<input type="checkbox"/> 50.36(a)(1)	<input type="checkbox"/> 50.73(a)(2)(v)	<input type="checkbox"/> 73.71(e)
<input type="checkbox"/> 20.406(a)(1)(ii)	<input type="checkbox"/> 50.36(a)(2)	<input type="checkbox"/> 50.73(a)(2)(vii)	OTHER (Specify in Abstract below and in Text, NRC Form 366A)
<input type="checkbox"/> 20.406(a)(1)(iii)	<input checked="" type="checkbox"/> 50.73(a)(2)(i)	<input type="checkbox"/> 50.73(a)(2)(viii)(A)	
<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"/> 20.406(a)(1)(v)	<input type="checkbox"/> 50.73(a)(2)(iii)	<input type="checkbox"/> 50.73(a)(2)(x)	

LICENSEE CONTACT FOR THIS LER (12)

NAME **Joseph G. Wynne, Operational Compliance Engineer** TELEPHONE NUMBER **516929-183010**

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

CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NPROS	CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NPROS

SUPPLEMENTAL REPORT EXPECTED (14)

YES (If yes, complete EXPECTED SUBMISSION DATE) NO

EXPECTED SUBMISSION DATE (15)

MONTH	DAY	YEAR

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

December 8, 1984 LILCO's Shoreham Nuclear Power Station (SNPS) was issued a low power license. At this time the automatic feature of the CO2 fire suppression system had been made inoperable because of personnel safety considerations, requiring hourly fire watch patrols in areas protected by the CO2 systems. The CO2 system was operable to the extent that it could have been manually initiated at all times. When fuel loading operation began on December 21, 1984 certain areas required continuous fire watches where the possibility existed that redundant equipment required to be operable could be affected by a fire. These watches were not instated until January 8, 1985 when the problem was discovered.

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LICENSEE EVENT REPORT (LER) TEXT CONTINUATION

FACILITY NAME (1) Shoreham Nuclear Power Station Unit #1	DOCKET NUMBER (2) 0 5 0 0 0 3 2 2	LER NUMBER (6)			PAGE (3)	
		YEAR 8 5	SEQUENTIAL NUMBER - 0 0 4	REVISION NUMBER - 0 0	0 2	OF 0 2

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

On December 8, 1984 the Low Power License NPF-19 was issued to LILCO for the Shoreham Nuclear Power Plant. At that time the automatic feature of the CO2 Fire Suppression System had been made inoperable because of personnel safety considerations. The system was operable to the extent that it could have been manually initiated. Since fuel loading had not yet commenced there was no redundant plant systems required to be operable, therefore per Technical Specification 3.7.7.3 hourly fire watch patrols were established in all areas protected by the CO2 system. On December 21, 1984 fuel loading commenced. At this time many systems were required to be operable per Technical Specifications, including both trains of the Reactor Building Standby Ventilation System (RBSVS). Since controllers for both trains are located in the Relay Room, a continuous fire watch should have been established in this area anytime fuel loading/core alterations were underway. This requirement was overlooked until January 8, 1985. When the omission was discovered a continuous fire watch was stationed in the Relay Room and in Electric Manhole Number One in the Turbine Building. Since two divisions of cables go through the electric manhole a continuous watch was stationed until it could be verified that no redundant equipment could be affected by a fire in this area. These continuous fire watches have been maintained since January 8th. On January 12, 1985 a continuous fire watch was also established in the 103 Electric Switchgear Room, since it was not readily apparent whether redundant equipment may exist in this room. On January 30, 1985 the Engineering evaluation of the conditions resulted in the determination that there was no redundant equipment in the 103 Switchgear Room, or in the Electric Manhole Number One. Based on this evaluation the continuous fire watches in these two areas were never required. The continuous fire watch in the relay room will remain until such time as the CO2 Fire Suppression System is made operable.

There is no safety significance to this event. The hourly fire watches were maintained throughout the period, and would have noted any fire in the areas. As described above the CO2 system could have been manually initiated at any time during this period. As described in Supplement 5 and 6 to the Safety Evaluation Report for Phase 1 (Fuel Loading and Precriticality Testing) the NRC determined that there was no risk to the public health and safety because there can be no radiological consequences for all the events analyzed in Chapter 15 of the FSAR. Since these events bound any event caused by a fire in the areas in question, there could be no risk to the public health and safety.



LONG ISLAND LIGHTING COMPANY

SHOREHAM NUCLEAR POWER STATION • P.O. BOX 628 • WADING RIVER, NEW YORK 11792

TEL. (516) 929-8300

February 7, 1985

PM 85-019

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

Dear Sir:

In accordance with 10CFR50.73, enclosed is a copy of Shoreham Nuclear Power Station Unit 1's License Event Report 85-004.

Sincerely yours,

William E. Steiger, Jr.
Plant Manager

WES/gr

Enclosure

cc: Dr. Thomas E. Murley, Regional Administrator
Peter Eselgroth, Senior Resident Inspector
Institute of Nuclear Power Operations, Records Center
American Nuclear Insurers

SR-A43.700

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