

LICENSEE EVENT REPORT (LER)

FACILITY NAME (1) Shoreham Nuclear Power Station Unit #1										DOCKET NUMBER (2) 0 5 0 0 0 3 2 2				PAGE (3) 1 OF 2								
TITLE (4) Automatic Initiation of RBSVS and CRAC "A" Side																						
EVENT DATE (5)			LER NUMBER (8)				REPORT DATE (7)			OTHER FACILITIES INVOLVED (6)												
MONTH	DAY	YEAR	YEAR	SEQUENTIAL NUMBER	REVISION NUMBER	MONTH	DAY	YEAR	FACILITY NAMES				DOCKET NUMBER(S)									
0	7	2	5	8	5	0	3	0	0	0	8	2	3	8	5	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)																				
2		20.402(b)				20.406(c)				<input checked="" type="checkbox"/> 50.73(a)(2)(iv)				73.71(b)								
POWER LEVEL (10)		20.406(a)(1)(i)				50.36(c)(1)				50.73(a)(2)(v)				73.71(c)								
01011		20.406(a)(1)(ii)				50.36(c)(2)				50.73(a)(2)(vii)												
		20.406(a)(1)(iii)				50.73(a)(2)(i)				50.73(a)(2)(viii)(A)				OTHER (Specify in Abstract below and in Text, NRC Form 366A)								
		20.406(a)(1)(iv)				50.73(a)(2)(ii)				50.73(a)(2)(viii)(B)												
		20.406(a)(1)(v)				50.73(a)(2)(iii)				50.73(a)(2)(ix)												
LICENSEE CONTACT FOR THIS LER (12)																						
NAME Gary G. Rhoads, Operational Compliance Engineer										TELEPHONE NUMBER AREA CODE 51116 9-2191-18131010												
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												
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 July 25, 1985 at 1439, a Control Room Air Conditioning (CRAC) system "A" side and Reactor Building Standby Ventilation (RBSVS) system "A" side automatic initiation occurred due to a momentary loss of voltage in the initiating circuit. The plant was in Operational Condition 2, with the mode switch in startup, RPV pressure at approximately 63 psig. While performing a functional test procedure (Reactor Building Refueling Level Exhaust Radiation Monitor Functional Test) a Health Physics Technician inadvertently bumped into and disconnected a jumper which had been put in place to prevent such an initiation. The test was stopped, the Radiation Monitor was restored to normal, and the RBSVS and CRAC "A" side was reset. Plant Management was notified of the event. The NRC was notified per 10CFR50.72 at 1530.

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LICENSEE EVENT REPORT (LER) TEXT CONTINUATION

U.S. NUCLEAR REGULATORY COMMISSION

APPROVED OMB NO 3150-0104

EXPIRES 8/31/85

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

TEXT (If more space is required, use additional NRC Form 364A's) (17)

On July 25, 1985 at 1439, a Control Room Air Conditioning (CRAC) system "A" side and Reactor Building Standby Ventilation (RBSVS) system "A" side automatic initiation occurred due to a momentary loss of voltage in the initiating circuit. This was due to a technician bumping into and inadvertently removing a jumper which had been installed to prevent such an initiation while performing a functional test procedure. The plant was in Operational Condition 2, with the mode switch in startup, RPV pressure at approximately 63 psig.

While performing functional test procedure SP 64.631.13 (Reactor Building Refueling Level Exhaust Radiation Monitor Functional Test), a Health Physics technician installed a jumper across two terminals in an energized circuit. Per procedure, he then proceeded to lift one lead off another terminal in the circuit downstream of the jumper. During this process he dropped a tool in the cabinet. As he went to pick the tool up, he inadvertently caused the jumper that had just been installed to become disconnected. This action broke the continuity of the circuit, placing it in a deenergized state, which sent a signal for the automatic initiation of CRAC "A" side and RBSVS "A" side. This action resulted in the isolation of the Reactor Building Normal Ventilation System (RBNVS) closing dampers T46*AOD-035A and 037A. The test was stopped, the Radiation Monitor was restored to normal, and the RBSVS "A" side and the CRAC "A" side was reset. Plant Management was notified of the event. There was no safety significance to the event. All plant systems operated as designed. No ECCS systems were challenged or required for the event. The NRC was notified per 10CFR50.72 at 1530.

To prevent recurrence, the following action was taken;

- 1) The technician involved was cautioned to be more careful when performing the test procedure.
- 2) The use of new clips on the jumpers has been instituted in order to prevent their inadvertant disconnection from the terminal which it is attached to.



LONG ISLAND LIGHTING COMPANY

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TEL. (516) 929-8300

August 23, 1985

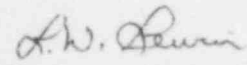
PM-85-171

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 Licensee Event Report 85-030.

Sincerely yours,

for 
William E. Steiger, Jr.
Plant Manager

WES/gr

Enclosure

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

SR.A21.0200

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bcc: J.D. Leonard, Jr.
J.L. Smith
R.A. Kubinak
E.J. Youngling
J.A. Scalice
R.W. Grunseich
H.T. Carter
H.R. Swift
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