NRC Form 366
(9-83)

U.S. NUCLEAR REGULATORY COMMISSION
APPROVED OMB NO. 3150-0104
EXPIRES: 8/31/85

LICENSEE EVENT REPORT (LER)

FACILITY NAME (1)	DOCKET NUMBER (2)	PAGE (3)
Shoreham Nuclear Power Station Unit #1	0 5 0 0 0 3 2 2	1 OF 0 2

TITLE (4)

Automatic Initiation of RBSVS and CRAC "A" Side

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 7	2 5	8 5	8 5	0 3 0	0 0	0 8	2 3	8 5		0 5 0 0 0
										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)	20.405(c)	X 50.73(a)(2)(iv)	73.71(b)
POWER LEVEL (10) 0 1 0 1	20.405(a)(1)(i)	50.36(c)(1)	50.73(a)(2)(v)	73.71(c)
	20.405(a)(1)(ii)	50.36(c)(2)	50.73(a)(2)(vii)	OTHER (Specify in Abstract below and in Text, NRC Form 366A)
	20.405(a)(1)(iii)	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)(x)	

LICENSEE CONTACT FOR THIS LER (12)

NAME	TELEPHONE NUMBER
Gary G. Rhoads, Operational Compliance Engineer	AREA CODE 5 1 6 — 9 2 9 - 1 8 3 0 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)		EXPECTED SUBMISSION DATE (15)	MONTH	DAY	YEAR
YES (If yes, complete EXPECTED SUBMISSION DATE)	X 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 inadvertantly 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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FACILITY NAME (1)	DOCKET NUMBER (2)	LER NUMBER (6)			PAGE (3)
		YEAR	SEQUENTIAL NUMBER	REVISION NUMBER	
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 366A'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 inadvertantly 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 inadvertantly 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.

LILCO
LONG ISLAND LIGHTING

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 W. E. Steiger, Jr.
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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