

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 13 1 OF 0 1	
TITLE (4): RBSVS/CRAC "B" side initiation due to Technician error															
EVENT DATE (5): MONTH DAY YEAR 11 01 28 85			LER NUMBER (6): SEQUENTIAL NUMBER 0510			REVISION NUMBER 0011			REPORT DATE (7): MONTH DAY YEAR 11 26 85			OTHER FACILITIES INVOLVED (8): FACILITY NAMES DOCKET NUMBER(S) 0 5 0 0 0 0 0 0			
OPERATING MODE (9): 5		THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10 CFR § (Check one or more of the following) (11):													
POWER LEVEL (10): 01010		20.402(b)			20.405(c)			<input checked="" type="checkbox"/> 30.73(a)(2)(iv)			73.71(b)				
		20.405(a)(1)(i)			30.38(a)(1)			<input type="checkbox"/> 30.73(a)(5)(v)			73.71(c)				
		20.405(a)(1)(ii)			30.38(a)(2)			<input type="checkbox"/> 30.73(a)(2)(vi)			OTHER (Specify in Abstract below and in Text: NRC Form 350A)				
		20.405(a)(1)(iii)			30.73(a)(2)(i)			<input type="checkbox"/> 30.73(a)(2)(viii)(A)							
		20.405(a)(1)(iv)			30.73(a)(2)(ii)			<input type="checkbox"/> 30.73(a)(2)(viii)(B)							
		20.405(a)(1)(v)			30.73(a)(2)(iii)			<input type="checkbox"/> 30.73(a)(2)(ix)							
LICENSEE CONTACT FOR THIS LER (12):															
NAME Robert W. Grunseich, Operational Compliance Engineer										TELEPHONE NUMBER AREA CODE 5116 912191-8131010					
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	
YES (If yes, complete EXPECTED SUBMISSION DATE:) <input checked="" type="checkbox"/> NO															

ABSTRACT (Limit to 1,000 spaces; i.e., approximately fifteen single space typewritten lines) (16):

On November 2, 1985 at 1533, a Reactor Building Standby Ventilation System (RBSVS) / Control Room Air Conditioning (CRAC) "B" side initiation occurred due to an Instrument and Controls (I&C) technician error. The plant was in Operational Condition 5 at the time with the mode switch in Refuel. While performing surveillance procedure SP44.621.10 (NSSS-RPV Low Water Level Response Time Test), the I&C technician was hooking up jumpers in panel HI21*PNL-VX2, when the jumpers inadvertently slipped out of his hand and shorted out contacts in relay 3BIT46B19. Since this relay is normally energized, shorting out the contacts caused the relay to momentarily deenergize, resulting in the initiation of the RBSVS / CRAC "B" side and the tripping of the Reactor Building Normal Ventilation System (RBNVS). The technician was immediately aware of his error as he heard various relays picking up. He stopped the procedure and awaited further instructions from the Control Room. The Control Room operators, aware of the surveillance being performed, verified the initiating signal as spurious, reset the RBSVS and CRAC and returned the RBNVS to normal. There was no safety significance to the event. The system functioned as designed. No ECCS systems were actuated or required as a result of the event. Operators carried out all required actions. To prevent recurrence, the I&C technician involved was counselled by the I&C Engineer to be more careful when installing jumpers.

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LONG ISLAND LIGHTING COMPANY

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

TEL. (516) 929-8300

November 26, 1985

PM-85-271

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 85-050.

Sincerely yours,

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

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