

LICENSEE EVENT REPORT (LER)

FACILITY NAME (1) **Seabrook Station** DOCKET NUMBER (2) **0 5 0 0 0 4 4 3 1** PAGE (3) **1 OF 0 2**

TITLE (4) **Noncompliance with Technical Specification 3.8.4.2 - Protective Devices For Class 1E Power Sources Connected to Non-Class 1E Loads**

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 8	2 5	8 8	8 8	0 0 5	0 0 0	0 9	2 3	8 8			0 5 0 0 0
THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10 CFR §: (Check one or more of the following) (11)											

OPERATING MODE (9) 5	20.402(b)	20.406(e)	50.73(a)(2)(iv)	73.71(b)
POWER LEVEL (10) 0 1 0 0	X 20.406(a)(1)(ii)	50.36(e)(1)	50.73(a)(2)(v)	73.71(c)
	20.406(a)(1)(iii)	50.36(e)(2)	50.73(a)(2)(vii)	OTHER (Specify in Abstract below and in Text, NRC Form 366A)
	20.406(a)(1)(iv)	X 50.73(a)(2)(ii)	50.73(a)(7)(viii)(A)	
	20.406(a)(1)(v)	50.73(a)(2)(iii)	50.73(a)(2)(viii)(B)	
	20.406(a)(1)(vi)	50.73(a)(2)(iv)	50.73(a)(2)(ix)	

LICENSEE CONTACT FOR THIS LER (12)

NAME **Mr. Richard Belanger (extension 4048) Senior Engineer** TELEPHONE NUMBER **6 0 3 4 7 4 - 9 5 7 4**

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) **1 1 3 0 8 8**

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

On April 27, 1988, it was identified that the supply breaker from MCC-E515 to the Emergency Feedwater (EFW) pump turbine tachometer was not specified as requiring surveillance testing pursuant to the requirements of Technical Specification 3.8.4.2. This circuit had previously been identified as a Class 1E load. This circuit has since been determined to be a non-Class 1E load.

As a result of this discovery, a complete review of the Class 1E breaker coordination study is being performed to ensure that all protective devices requiring testing pursuant to Technical Specification 3.8.4.2 have been properly identified.

Based on preliminary results of this study, three circuits in the required OPERABLE power source (Train B) were identified to be in noncompliance with the requirements of Specification 3.8.4.2 on August 25, 1988. Temporary modifications were installed to provide protection for the affected Class 1E power sources. This corrective action was completed on August 27, 1988.

There were no adverse consequences as a result of this condition. Temporary modifications have been completed to restore the required protective devices to OPERABLE status.

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LICENSEE EVENT REPORT (LER) TEXT CONTINUATION

FACILITY NAME (1) Seabrook Station	DOCKET NUMBER (2) 0 5 0 0 0 4 4 3	LER NUMBER (6)			PAGE (3)	
		YEAR 8 8	SEQUENTIAL NUMBER 0 0 5	REVISION NUMBER 0 0	0 2	OF 0 2

TEXT (If more space is required, use additional NRC Form 365A's) (17)

On April 27, 1988, it was identified that the supply breaker from MCC-E515 to the Emergency Feedwater (EFW) pump turbine tachometer was not identified as requiring surveillance testing pursuant to the requirements of Technical Specification 3.8.4.2, "Containment Penetration Conductor Overcurrent Protective Devices and Protective Devices for Class 1E Power Sources Connected to Non-Class 1E Loads". This circuit had been identified as a Class 1E load in the calculation for failure of non-Class 1E loads on Class 1E busses. This circuit has since been determined to be a non-Class 1E load. As a result of this discovery, a complete review of the Class 1E breaker coordination study is being performed to ensure that all protective devices for Class 1E circuits connected to non-Class 1E loads, which require testing pursuant to Technical Specification 3.8.4.2, have been properly identified.

On August 25, 1988, based on preliminary results of this study, three circuits in the required OPERABLE power source (Train B) were identified to be in noncompliance with the requirements of this specification. As a result of this determination, Action "b" of Technical Specification 3.8.4.2 was entered at 1730 EDT for the inoperable protective devices. Temporary modifications were installed to provide protection for the affected Class 1E power sources. This corrective action was completed at approximately 1030 EDT on August 27, 1988. Several circuits affecting the Train A power source were also identified as requiring modification. The required modifications will be completed prior to returning the Train A power source to OPERABLE status.

The review of the coordination study and any associated corrective actions (including implementation of hardware modifications) are expected to be complete by October 30, 1988. A supplement to this report will be provided upon completion of corrective actions.

There were no adverse consequences as a result of this condition. All necessary temporary modifications have been completed to restore the required Train B protective devices to OPERABLE status. The root cause of this condition is attributed to personnel error.

During this period, the unit has been in MODE 5 (Cold Shutdown), with the Reactor Coolant System (AB) vented to atmosphere.

A similar previous event was reported via Seabrook Station LER 88-002-01.



Public Service of New Hampshire
New Hampshire Yankee Division

George S. Thomas
Vice President-Nuclear Production

NYN-88127

September 23, 1988

United States Nuclear Regulatory Commission
Washington, D.C. 20555

Attention: Document Control Desk

Reference: (a) Facility Operating License No. NPF-56,
Docket No. 50-443

Subject: Licensee Event Report (LER) No. 88-005-00: Noncompliance with
Technical Specification 3.8.4.2 - Protective Devices For Class 1E
Power Sources Connected to Non-Class 1E Loads

Gentlemen:

Enclosed please find Licensee Event Report (LER) No. 88-005-00 for
Seabrook Station. This submittal documents a condition which was discovered
on August 25, 1988, and is being reported pursuant to 10 CFR 50.73(a)(2)(i).

Should you require further information regarding this matter, please
contact Mr. R. Belanger at (603) 474-9574 extension 4048.

Very truly yours,


George S. Thomas

Enclosures: NRC Forms 366, 366A

cc: Regional Administrator
USNRC Region 1
475 Allendale Road
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Mr. D. R. Ruscitto
NRC Senior Resident Inspector (Acting)
Seabrook Station
Seabrook, N.H. 03874

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