NRC Form 366 (9-83)								LICENSEE EVENT REPORT (LER)					U.S. NUCLEAR REGULATORY COMMISSION APPROVED OMB NO. 3150-0104 EXPIRES: 8/31/88							
FACILITY	NAME (1	1)											DOCKET NUMBER	(2)			7	AGE (3	1	
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TITLE (4)												8.4.2 - F 1E Loads	Protective	a D	evice	s	For			
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ABSTRACT (Limit to 1400 spaces, i.e., approximately fifteen single-space typewritten lines) (14)

X YES (1) yes, complete EXPECTED SUBMISSION DATE)

SUPPLEMENTAL REPORT EXPECTED (14)

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 ncn-Class 1E load.

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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 IE 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

U.S. NUCLEAR REGULATORY COMMISSION

APPROVED OMB NO. 3150-0104 EXPIRES: 8/31/98

FACILITY NAME (1)	DOCKET NUMBER (2)	DOCKET NUMBER (2)					LER NUMBER (6)						
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TEXT (If more space is required, use additional NRC Form 386A'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.

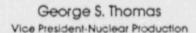
On August 25, 1988, based on preliminary results of this study, three circuits in the required OPERABLE power source (Train B) were identified to be in noncompliance with the requirements of this specification. As a result of this determination, Action "b" of Technical Specification 3.8.4.2 was entered 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

NYN-88127

September 23, 1988

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

Attent'on: 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.

Coorage Thomas

Enclosures: NRC Forms 366, 366A

cc: Regional Administrator
USNRC Region 1
475 Allendale Road
King of Prussia, PA 19406

Mr. D. R. Ruscitto NRC Senior Resident Inspector (Acting) Seabrook Station Seabrook, N.H. 03874

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