

LICENSEE EVENT REPORT (LER)

FACILITY NAME (1) Haddam Neck										DOCKET NUMBER (2) 0 5 0 0 0 2 1 3										PAGE (3) 1 OF 0 2	
TITLE (4) Missed Fire Protection Surveillance Test																					
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 3	8 5	8 5	0 2 3	0 0	0 9	2 0	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)																			
POWER LEVEL (10)		20.402(b)				20.405(c)				50.73(a)(2)(iv)				73.71(b)							
		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 365A)							
		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)(ix)											
LICENSEE CONTACT FOR THIS LER (12)																					
NAME Thomas J. Bransfield, Engineer								TELEPHONE NUMBER AREA CODE 2 0 3 2 6 7 - 2 5 5 6													
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: X NO																					

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

On August 23, 1985 it was determined that two fire protection valves FP-V-231, and FP-V-234 were not being properly tested. Technical Specification 4.15.G.1.b.1 requires that the spray and/or sprinkler systems shall be demonstrated to be operable, at least once per 18 months +/-25%, by performing a system functional test. This requirement was not being met as these valves were only being tested every 3 years during the performance of an air flow test.

As this condition is not allowed by Technical Specification 4.15.G.1.b.1, this event is reportable per 10CFR 50.73(a)(2)(i)(B).

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LICENSEE EVENT REPORT (LER) TEXT CONTINUATION

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			
Haddam Neck	0 5 0 0 0 2 1 3	8 5	— 0 2 3	— 0 0	0 2	OF	0 2

TEXT (If more space is required, use additional NRC Form 366A's) (17)

Background

During a review of surveillance procedures by the Maintenance Department, a question was raised about the surveillance requirements for the deluge valves to the turbine lube oil reservoir (TD) FP-V-231 and the hydrogen seal oil unit (TK) FP-V-234. These two valves were not being tested by the existing surveillance procedure (SUR 5.5-24) which is intended to meet the requirements of Technical Specification 4.15.G.1.b.1. The question concerned whether these two valves should be added to the procedure.

A review of the fire protection surveillance procedures was performed to determine whether these valves were tested under a separate procedure. Through this review it became apparent that these two valves were not being functionally tested due to a misinterpretation of the technical specification. Technical Specification 4.15.G.1.b.1 was interpreted to apply only to automatically actuated valves. Since FP-V-231 and FP-V-234 are manually actuated it was thought that functional testing was not required.

Reportability

As Technical Specification 4.15.G.1.b.1 requires a system functional test, this event is reportable per 10 CFR 50.73(a)(2)(i)(B).

Root Cause

As stated previously, this missed surveillance was due to a misinterpretation of the technical specification requirements. It was thought that this test only applied to automatically actuated valves and therefore, no functional tests of these manual valves was performed.

Safety Assessment

The deluge valves (FP-V-231, PF-V-234) actuate dry pipe spray systems. The actuation of these valves must be initiated manually upon receipt of alarms from the detection systems associated with the hydrogen seal oil unit or the turbine lube oil reservoir.

A review of surveillance procedure schedule revealed that both valves were tested on March 12, 1984 during the performance of the air flow tests per surveillance procedures SUR 5.1-132 and SUR 5.1-133. These tests are done on a 3 year cycle. Based upon the successful completion of these tests, the valves were verified to be operable within the 18 month +/-25% frequency called out in Technical Specification 4.15.G.1.b. Based upon this verification of valve operability, there is no impact upon safety as the valves were verified to be operable within the frequency required.

Corrective Action

Surveillance procedure SUR 5.5-24 will be revised and the valves tested within 60 days to ensure compliance with Technical Specification 4.15.b.



CONNECTICUT YANKEE ATOMIC POWER COMPANY

HADDAM NECK PLANT

RR#1 • BOX 127E • EAST HAMPTON, CONN. 06424

September 20, 1985

U. S. Nuclear Regulatory Commission
Document Control Desk
Washington, D. C. 20555

Reference: Facility Operating License No. DPR-61
Docket No. 50-213
Reportable Occurrence LER 50-213/85-023-00

Gentlemen:

This letter forwards the Licensee Event Report 85-023-00, required to be submitted within thirty days, pursuant to the requirements of Connecticut Yankee Technical Specifications.

Very truly yours,

Richard H. Graves

Richard H. Graves
Station Superintendent

RHG:TJB/ssg
Attachment: LER 85-023-00

cc: Dr. T. E. Murley, Region I

IE22
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