

LICENSEE EVENT REPORT (LER)

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|-----------------------------------------------------------------------------------------------------|--------|--------------------------------------------------------------------------------------------------------------|----------------|---------------------|-----------------|------------------|-----------------|--------------|---------------------|-----------------------------------------------------|-----|----------------|------------------|--------------------------------------------------------------|--|
| FACILITY NAME (1) VERMONT YANKEE NUCLEAR POWER STATION | | | | | | | | | | DOCKET NUMBER (2) 0 5 0 0 0 2 7 1 1 | | | | PAGE (3) 1 OF 0 3 | |
| TITLE (4) MISSED SURVEILLANCE OF LPCI REACTOR VESSEL SHROUD LEVEL PERMISSIVE DUE TO PERSONNEL ERROR | | | | | | | | | | | | | | | |
| 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) | | |
| 12 | 15 | 87 | 87 | 019 | 00 | 12 | 14 | 87 | N/A | | | | 0 5 0 0 0 | | |
| | | | | | | | | | | | N/A | | 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) | | | | | | | | | | | | | |
| N | | 20.402(b) | | | | 20.406(e) | | | | 80.73(a)(2)(iv) | | | | 73.71(b) | |
| POWER LEVEL (10) | | 20.406(a)(1)(i) | | | | 80.38(a)(1) | | | | 80.73(a)(2)(v) | | | | 73.71(a) | |
| 0 9 9 | | 20.406(a)(1)(ii) | | | | 80.38(a)(2) | | | | 80.73(a)(2)(vi) | | | | OTHER (Specify in Abstract below and in Text, NRC Form 365A) | |
| | | 20.406(a)(1)(iii) | | | | X 80.73(a)(2)(i) | | | | 80.73(a)(2)(viii)(A) | | | | | |
| | | 20.406(a)(1)(iv) | | | | 80.73(a)(2)(ii) | | | | 80.73(a)(2)(viii)(B) | | | | | |
| | | 20.406(a)(1)(v) | | | | 80.73(a)(2)(iii) | | | | 80.73(a)(2)(ix) | | | | | |
| LICENSEE CONTACT FOR THIS LER (12) | | | | | | | | | | | | | | | |
| NAME JAMES P. PELLETIER, PLANT MANAGER | | | | | | | | | | TELEPHONE NUMBER AREA CODE 8 0 2 2 5 7 - 7 7 1 1 | | | | | |
| 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 | | | | | | |
| ← N/A → | | | | | ← N/A → | | | | | | | | | | |
| ← N/A → | | | | | ← N/A → | | | | | | | | | | |
| SUPPLEMENTAL REPORT EXPECTED (14) | | | | | | | | | | EXPECTED SUBMISSION DATE (15) | | MONTH DAY YEAR | | | |
| <input type="checkbox"/> YES (If yes, complete EXPECTED SUBMISSION DATE) | | | | | | | | | | <input checked="" type="checkbox"/> NO | | | | | |

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

ABSTRACT

On 12-15-87, during normal operation at 99% power, it was discovered that surveillance testing of the Low Pressure Coolant Injection (LPCI) Reactor Vessel Shroud Level permissive for Containment Spray (EIIIS Identifier = 69) had not been completed as specified by Technical Specification Table 4.2.1. The missed surveillance tests are attributed to errors made in updating the Monthly Surveillance Testing Schedules. Subsequent inspection and testing was completed on 12-15-87 and determined that the instrumentation was functioning properly, and had remained operable at all times. The surveillance test program was reviewed, and all associated personnel have been instructed on the importance of accurate revision processes.

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LICENSEE EVENT REPORT (LER) TEXT CONTINUATION

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| VERMONT Yankee Nuclear Power Station | | YEAR | SEQUENTIAL NUMBER | REVISION NUMBER | |
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TEXT (if more space is required, use additional NRC Form 205A-1 (17))

DESCRIPTION OF EVENT

On 12-15-87, at 1530 hours, during normal plant operations at 99% power, a departmental review of surveillance testing requirements discovered a missed surveillance test. This test addressed the functional testing of the Low Pressure Coolant Injection (LPCI) Reactor Vessel Shroud Level permissive. The monthly test had not been completed since 09-13-87. Technical Specification Table 4.2.1 requires this functional test to be completed on a monthly basis. The next scheduled test should have been completed on 10-18-87, followed by a test on 11-15-87, and a test on 12-13-87.

This test had originally been included in a Plant Operating Procedure for "Reactor Water Level Emergency Core Cooling System Initiation - Isolation." Procedure revisions were made to include this test as part of an Operating Procedure entitled, "Containment Spray Low Water Level Interlock." The procedure revisions were implemented and a correction initiated on 09-14-87 to update the Master Surveillance Test list. When the monthly Surveillance Test Schedule was published for October of 1987, it was prepared using the outdated Monthly Schedule as a base. Due to the change in the Operating Procedure, the procedural reference contained in the September Schedule was now incorrect. This incorrect reference is considered to be the cause for the missed surveillance. As the Surveillance Test Schedules for the subsequent months were prepared, the same incorrect procedural reference was continued, leading to a further missed surveillance. As a result of this error, two surveillance tests were missed. The missed surveillance tests were October 1987 and November 1987.

CAUSE OF EVENT

Root Cause

Personnel error. An incorrect revision of the Monthly Surveillance Schedule had been used, which resulted in two missed surveillances.

ANALYSIS OF EVENT

Technical Specifications Table 4.2.1 requires a functional test of the LPCI Reactor Vessel Shroud Level Trip permissive on a monthly interval. These tests were not completed as scheduled. The LPCI system remained fully operable during this period as evidenced by the subsequent surveillance test.

Based on this information, there was no potential adverse effects on the public health and safety as a result of this event.

Investigation and review of LPCI related Technical Specifications and surveillance records, identified no other areas of concern.

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| Vermont Yankee Nuclear Power Station | | YEAR | SEQUENTIAL NUMBER | REVISION NUMBER | | | |
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TEXT / If more space is required, use additional NRC Form 205A (1/17)

CORRECTIVE ACTIONS

Immediate Corrective Actions

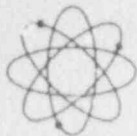
The test in question was completed immediately upon discovery of the deficiency. This test was completed on 12-15-87, at 1730 hours, with no discrepancies identified at that time.

Subsequent Corrective Actions

A review of the Surveillance Test Program was conducted. Additionally, all personnel associated with this event have been instructed on the significance of properly and accurately revising and updating the Surveillance Test Program and the Monthly surveillance Test Schedules. Vermont Yankee has recognized that the potential for an event as described above, did exist, and has been developing a computer based tracking program to address this concern. This system has been designed to provide greater control of revisions to the Master Surveillance Test List and the Monthly Surveillance Test Schedule. Implementation of this program, on a test basis, is scheduled for the first quarter of 1988. The missed surveillance tests are viewed as an isolated incident as evidenced by the performance of the Surveillance Test Program.

ADDITIONAL INFORMATION

No similar events have been reported to the commission in the last five years.



VERMONT YANKEE NUCLEAR POWER CORPORATION

P. O. BOX 157
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VERNON, VERMONT 05354

January
~~February~~ 15, 1988

VYV 87-010

U.S. Nuclear Regulatory Commission
Document No. 50-271
Washington, D.C. 20555

REFERENCE: Operating License DPR-28
Docket No. 50-271
Reportable Occurrence No. LER 87-19

Dear Sirs:

As defined by 10CFR50.73, we are reporting the attached Reportable Occurrence as LER 87-19.

Very truly yours,

VERMONT YANKEE NUCLEAR POWER CORPORATION

James P. Pelletier
Plant Manager

cc: Regional Administrator
USNRC Office of Inspection and Enforcement
Region I
631 Park Avenue
King of Prussia, Pennsylvania 19406

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