

LICENSEE EVENT REPORT (LER)

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|--|--------|--|----------------|-------------------|-----------------|------------------|-----------------|---|----------------------|--------------------------------------|--|--|-----|------|--|--|--|--|--|----------------------|--|
| FACILITY NAME (1) LaSalle County Station Unit 2 | | | | | | | | | | DOCKET NUMBER (2) 0 5 0 0 0 3 7 4 | | | | | | | | | | PAGE (3) 1 OF 0 2 | |
| TITLE (4) Reactor Water Cleanup Isolation | | | | | | | | | | | | | | | | | | | | | |
| 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 NA | | | DOCKET NUMBER(S) 0 5 0 0 0 | | | | | | | | | |
| 0 9 | 1 8 | 8 4 | 8 4 | 0 6 7 | 0 0 | 0 9 | 2 6 | 8 4 | | | | 0 5 0 0 0 | | | | | | | | | |
| OPERATING MODE (9) 1 | | THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10 CFR 5: (Check one or more of the following) (11) | | | | | | | | | | | | | | | | | | | |
| POWER LEVEL (10) 0 9 8 | | 20.402(b) | | | | 20.408(a) | | | | X 80.73(a)(2)(iv) | | 73.71(b) | | | | | | | | | |
| | | 20.408(a)(1)(i) | | | | 80.36(a)(1) | | | | 80.73(a)(2)(v) | | 73.71(c) | | | | | | | | | |
| | | 20.408(a)(1)(ii) | | | | 80.36(a)(2) | | | | 80.73(a)(2)(vi) | | OTHER (Specify in Abstract below and in Text, NRC Form 306A) | | | | | | | | | |
| | | 20.408(a)(1)(iii) | | | | 80.73(a)(2)(i) | | | | 80.73(a)(2)(vii)(A) | | | | | | | | | | | |
| | | 20.408(a)(1)(iv) | | | | 80.73(a)(2)(ii) | | | | 80.73(a)(2)(vii)(B) | | | | | | | | | | | |
| | | 20.408(a)(1)(v) | | | | 80.73(a)(2)(iii) | | | | 80.73(a)(2)(viii) | | | | | | | | | | | |
| LICENSEE CONTACT FOR THIS LER (12) | | | | | | | | | | | | | | | | | | | | | |
| NAME Kermit C. Wittenburg, extension 772 | | | | | | | | TELEPHONE NUMBER AREA CODE 8 1 5 3 5 7 1 6 7 6 1 1 | | | | | | | | | | | | | |
| 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 | | | | | | | | | | | |
| X | JIM | TDIS | R 2 8 1 | N | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | |
| 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 September 18, 1984, at 1132 hours with Unit 2 operating at 98 percent power, the Reactor Water Cleanup (RWC) Inboard Isolation valve 2G33-F001 closed and the Reactor Water Cleanup pumps tripped. The Control Room panel alarms indicated that the system had isolated on a high differential temperature from the Riley Leak Detection Isolation system. After verifying that no abnormal condition existed the RWC system was restarted. A Technical Specification change has been requested to remove the differential temperature trip in the RWC pump room due to the low temperature water in that portion of the system.

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LICENSEE EVENT REPORT (LER) TEXT CONTINUATION

U.S. NUCLEAR REGULATORY COMMISSION

APPROVED OMB NO. 3150-0104

EXPIRES 8/31/85

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|--|---|----------------|----------------------|--------------------|----------|--|--|
| FACILITY NAME (1) LaSalle County Station Unit 2 | DOCKET NUMBER (2) 0 5 0 0 0 3 7 4 8 4 - 0 6 7 - 0 p 0 2 OF 0 2 | LER NUMBER (8) | | | PAGE (3) | | |
| | | YEAR | SEQUENTIAL NUMBER | REVISION NUMBER | | | |
| | | | | | | | |

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

I. EVENT DESCRIPTION

On September 18, 1984, at 1132 hours, with Unit 2 operating at 98 percent power, the Reactor Water Cleanup (CE, RWCU) Inboard Isolation valve 2G33-F001 closed and the Reactor Water Cleanup pumps tripped. The Control Room panel alarms indicated that the system had isolated on a high differential temperature from the Riley Leak Detection Isolation system (JM).

The 2E31-N600D module for the Division II Reactor Water Cleanup "B" pump room was observed to be the alarmed module. The alarm reset after two minutes. The Operator read a temperature of 10°F which is at the isolation setpoint per the instrument calibration procedure.

II. CAUSE

The exact cause of the spurious trip is not known. It is believed to have been caused by the cool outside air entering the rooms and cooling off the inlet temperature sensor. That combined with the heat given off by the operating pump caused the setpoint to be reached.

II. PROBABLE CONSEQUENCES OF THE OCCURRENCE

The system was placed in a safe condition by the isolation signal. No abnormal temperatures or leaks were found in the various RWCU equipment areas. The health and safety of plant and public personnel were maintained at all times.

IV. CORRECTIVE ACTION

Upon determining that no abnormal conditions existed in the RWCU areas, the system was restarted. A Technical Specification change was submitted requesting the deletion of the requirement for Temperature Leak Detection in the RWCU pump rooms as the rooms are part of the cold water portion of the system.

V. PREVIOUS OCCURRENCES

Although one previous delta temperature isolation event did occur, it is believed to have occurred for different reasons.

VI. NAME AND TELEPHONE NUMBER OF PREPARER

Kermit C. Wittenburg, 815/357-6761, extension 772.



Commonwealth Edison
LaSalle County Nuclear Station
Rural Route #1, Box 220
Marseilles, Illinois 61341
Telephone 815/357-6761

September 26, 1984

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

Dear Sir:

Reportable Occurrence Report #84-067-00, Docket #050-374 is being submitted to your office in accordance with 10CFR 50.73.

G. J. Diederich
G. J. Diederich
Superintendent
LaSalle County Station

GJD/MLD/kg

Enclosure

xc: NRC, Regional Director
INPO-Records Center
File/NRC

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