

LICENSEE EVENT REPORT (LER)

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|--|--------|--|----------------|-------------------|-----------------|---------------------|--------|-----------|-------------------------------|---|---|-------|-------------------------------|--|---|---|---|---|---|---|---|---|
| FACILITY NAME (1) LaSalle County Station Unit 1 | | | | | | | | | | DOCKET NUMBER (2) 0 5 0 0 0 3 7 3 1 OF 0 2 | | | | PAGE 13 | | | | | | | | |
| TITLE (4) LIS-NB-104 Exceeded Time Clock | | | | | | | | | | | | | | | | | | | | | | |
| EVENT DATE (5) | | | LER NUMBER (3) | | | 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 | 1 | 1 | 2 | 8 | 5 | 8 | 5 | 0 | 0 | 6 | 0 | 0 | 2 | 1 | 1 | 8 | 5 | 0 | 5 | 0 | 0 | 0 |
| OPERATING MODE (6) | | THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10 CFR §: (Check one or more of the following) (11) | | | | | | | | | | | | | | | | | | | | |
| 1 | | 20.402(b) | | | | 20.408(a) | | | | 80.73(a)(2)(iv) | | | | 73.71(b) | | | | | | | | |
| POWER LEVEL (10) | | 0 8 9 | | | | 20.408(a)(1)(i) | | | | 80.73(a)(2)(v) | | | | 73.71(n) | | | | | | | | |
| | | 20.408(a)(1)(ii) | | | | 80.73(a)(2)(vi) | | | | 80.73(a)(2)(vii)(A) | | | | OTHER (Specify in Abstract below and in Text, NRC Form 305A) | | | | | | | | |
| | | 20.408(a)(1)(iii) | | | | 80.73(a)(2)(vii)(B) | | | | 80.73(a)(2)(viii) | | | | | | | | | | | | |
| | | 20.408(a)(1)(iv) | | | | 80.73(a)(2)(ix) | | | | | | | | | | | | | | | | |
| | | 20.408(a)(1)(v) | | | | | | | | | | | | | | | | | | | | |
| LICENSEE CONTACT FOR THIS LER (12) | | | | | | | | | | | | | | | | | | | | | | |
| NAME James J. Hietala, extension 499 | | | | | | | | | | TELEPHONE NUMBER 8 1 1 5 3 1 5 1 7 1 6 1 7 1 6 1 1 | | | | | | | | | | | | |
| COMPLETE ONE LINE FOR EACH COMPONENT FAILURE DESCRIBED IN THIS REPORT (13) | | | | | | | | | | | | | | | | | | | | | | |
| CAUSE | SYSTEM | COMPONENT | MANUFACTURER | REPORTABLE TO NPD | | CAUSE | SYSTEM | COMPONENT | MANUFACTURER | REPORTABLE TO NPD | | | | | | | | | | | | |
| A | A | D | L | I | S | B | O | 8 | O | Y | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | |
| 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)

At 1039 on 1/12/85, the calibration of Level Switch, 1B21-N037B, exceeded the time allowed for calibration, per Technical Specification Tables 3.3.3-1 and 3.3.5-1. The calibration took 26 minutes longer than the allowed 2 hours. This was due to the switch being found outside its desired setpoints; the recalibration took repeated adjustments. This type of switch, ITT Barton Model 288A, has repeatedly had setpoint "drift" problems, the 1B21-N037A/B/C/D level switches are being replaced with new style switches per Modification M-1-1-84-091.

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LICENSEE EVENT REPORT (LER) TEXT CONTINUATION

APPROVED OJ8 NO 3150-0104
EXPIRES 8/31/85

| FACILITY NAME (1) | DOCKET NUMBER (2) | LER NUMBER (8) | | | PAGE (3) | | |
|-------------------------------|-------------------|----------------|-------------------|-----------------|----------|----|----|
| | | YEAR | SEQUENTIAL NUMBER | REVISION NUMBER | | | |
| LaSalle County Station Unit 1 | 05000373 | 85 | 006 | 00 | 02 | OF | 02 |

TEXT (If more space is required, use additional NRC Form 388A's) (17)

I. EVENT DESCRIPTION

At 0839 on 1/12/85, calibration of level switch, 1B21-N037B (AD) was begun (LIS-NB-104). Per the calibration procedure, setpoint adjustments were required on switches 1B and 2A. The calibration took 2 hours and 26 minutes. Per Technical Specification Tables 3.3.3-1 and 3.3.5-1, footnote a, a channel may be inoperable for 2 hours for required surveillance, prior to placing the channel in the tripped condition. When it was realized that the 2 hour limit would be exceeded, actions to jumper the switch in the tripped condition (per Technical Specification Table 3.3.5-1) were initiated. Prior to jumpering the level switches, the calibration was satisfactorily completed.

II. CAUSE

The switch is an ITT Barton Model 288A. This type of switch has been found to have instrument "drift" problems. The switch required numerous adjustments to get all three contact setpoints to be within the required setpoint ranges. The repeated adjustments caused the calibration to take longer than the 2 hour limit.

III. PROBABLE CONSEQUENCES OF THE EVENT

The level switch was found within the Technical Specification limits, and would have operated as designed, prior to being valved out for the calibration. The switch 1B21-N037B provides the following functions: ADS (SB) Division II permissive; RHR (BO) Division II initiation permissive (includes the auto start of the 1A diesel generator (EK); RCIC (BN) Division II permissive. During the calibration procedure, Channel A/C Low Reactor Level 1, was operable, and would have performed the function of Channel B/D if required. [ADS Division I, RHR A, LPCS (BM), RCIC Division I). All other ECCS systems were operable.

IV. CORRECTIVE ACTION

The 1B21-N037A/B/C/D switches are being replaced per Modification M-1-1-24-091. The modification will be completed as part of the Equipment Qualification program. This Modification separates each old instrument into 2 separate level instruments. This will reduce the number of contacts which need to be calibrated at one time, while an instrument is valved out for calibration, and is also expected to reduce or eliminate the instrument "drift" problem.

V. PREVIOUS OCCURRENCES

None.

VI. NAME AND TELEPHONE NUMBER OF PREPARER

James J. Hietala, 815/357-6761, extension 499.



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February 11, 1985

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

Dear Sir:

Reportable Occurrence Report #85-006-00, Docket #050-373 is being submitted to your office in accordance with 10CFR 50.73.

R. D. Bullock
for G. J. Diederich
Superintendent
LaSalle County Station

GJD/MLD/kg

Enclosure

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

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