

LICENSEE EVENT REPORT (LER)

| | | |
|---|--|----------------------|
| FACILITY NAME (1) Waterford 3 Steam Electric Station | DOCKET NUMBER (2) 0 5 0 0 0 3 1 8 2 | PAGE (3) 1 OF 0 3 |
|---|--|----------------------|

TITLE (4)

Inadvertent Actuation of Radiation Monitors

| 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 6 | 3 0 | 8 5 | 8 5 | 0 3 0 | 0 0 0 | 0 7 | 3 0 | 8 5 | N/A | | 0 5 0 0 0 |
| | | | | | | | | | N/A | | 0 5 0 0 0 |

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|---------------------------|-------------------|--|---|----------------------|--|--|--|--|--|--|--|
| OPERATING MODE (9) 1 | | THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10 CFR 8: (Check one or more of the following) (11) | | | | | | | | | |
| POWER LEVEL (10) 0 0 1 | 20.402(b) | 20.405(c) | X | 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 366A) | | | | | | |
| | 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 R. Kenning, Radiation Protection Superintendent | TELEPHONE NUMBER AREA CODE 5 1 0 4 4 6 4 - 1 3 1 4 9 |
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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 |
|-------|--------|-----------|--------------|-------------------|-------|--------|-----------|--------------|-------------------|
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SUPPLEMENTAL REPORT EXPECTED (14)

| | | |
|---|--|-------------------------------|
| YES (If yes, complete EXPECTED SUBMISSION DATE) | <input checked="" type="checkbox"/> NO | EXPECTED SUBMISSION DATE (15) |
| | | MONTH DAY YEAR |

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

ABSTRACT

At 1228 hours on June 30, 1985 Waterford 3 Steam Electric Station experienced the first of five (5) actuations of the Engineered Safety Features portion of the Control Room Ventilation System due to an electrical spike in the Control Room Outside Air Intake Radiation Monitors. This condition reoccurred at 1243 on June 30 and at approximately 1228 hours on July 2, 4, and 8, 1985. In each case the radiation levels were verified to be within the normal background range.

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PDR ADDCK 05000382
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LICENSEE EVENT REPORT (LER) TEXT CONTINUATION

APPROVED OMB NO. 3150-0104

EXPIRES: 8/31/85

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| FACILITY NAME (1) Waterford 3 Steam Electric Station | DOCKET NUMBER (2) 0 5 0 0 0 3 8 2 8 5 - 0 3 0 - 0 0 0 2 OF 0 3 | LER NUMBER (E) | | | PAGE (3) | | |
| | | YEAR | SEQUENTIAL NUMBER | REVISION NUMBER | | | |
| | | | | | | | |

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

NARRATIVE

At 1228 hours on June 30, 1985 Waterford 3 Steam Electric Station experienced the first of five (5) inadvertent actuations of the Engineered Safety Features portion of the Control Room Ventilation System due to an electrical spike in the Control Room Outside Air Intake Radiation Monitors. This condition reoccurred at 1243 hours on June 30 and at approximately 1228 hours on July 2, 4, and 8, 1985. In each case the alarms quickly cleared, and grab samples were taken by Health Physics Personnel to ensure that radiation levels were within the normal background range.

Since Plant Personnel suspected that the use of portable radio transmitters in the area of the radiation monitors may be causing the electrical spikes, a test was performed on June 30, 1985 in an effort to verify the above suspicions. When the portable radio transmitter was keyed near one of the radiation monitors, a spike on the monitor output was generated.

SAFETY CONSEQUENCES AND IMPLICATIONS

Since the ventilation equipment performed as designed, and since the Control Room Outside Air Intake Radiation Monitors would have performed as designed in the event of a radioactive release, the health and safety of plant personnel and the general public were never jeopardized.

CORRECTIVE ACTION

In an effort to prevent these spikes from occurring in the future, signs have been posted to restrict the use of radios in critical areas including the area near the radiation monitors on the +46 elevation of the Reactor Auxiliary Building.

LICENSEE EVENT REPORT (LER) TEXT CONTINUATION

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| | | | | | | | |
| | | | | | | | 0 3 OF 0 3 |

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

SIMILAR EVENTS

NONE

PLANT CONTACT

R. Kenning, Radiation Protection Superintendent, 504/464-3149



LOUISIANA

POWER & LIGHT / INTER-OFFICE CORRESPONDENCE

July 30, 1985

W3P85-1440
A4.05

Director, Office of Nuclear Reactor Regulation
ATTENTION: Document Control Desk
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

Subject: Waterford 3 SES
Docket No. 50-382
License No. NPF-38
Reporting of Licensee Event Report

Dear Sirs:

Attached is Licensee Event Report Number LER-85-030-00 for the Waterford 3 Steam Electric Station. This Licensee Event Report is submitted per 10CFR50.73(a)(2)(iv).

Very truly yours,

A handwritten signature in dark ink, appearing to read 'K.W. Cook', with a stylized flourish at the end.

K.W. Cook
Nuclear Support & Licensing Manager

KWC:GEW:sms

Attachment

cc: R.D. Martin, G.W. Knighton, D.M. Crutchfield, NRC Resident Inspectors
Office, INPO Records Center (J.T. Wheelock), B.W. Churchill,
W.M. Stevenson

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