

LICENSEE EVENT REPORT (LER)

FACILITY NAME (1)
LaSalle County Station Unit 2

DOCKET NUMBER (2)
0 5 0 0 0 3 7 4

PAGE (3)
1 OF 03

TITLE (4)
High Radiation Area Unsecured and Unposted

| 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) |
| 07 | 03 | 84 | 84 | 034 | 00 | 07 | 24 | 84 | | | 0 5 0 0 0 |
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THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10 CFR § (Check one or more of the following) (11)

| | | | | |
|---------------------------|-------------------|------------------|----------------------|--|
| OPERATING MODE (8) 1 | 20.402(b) | 20.406(c) | 50.73(a)(2)(iv) | 73.71(b) |
| POWER LEVEL (10) 0 7 0 | 20.406(a)(1)(iii) | 50.36(c)(1) | 50.73(a)(2)(v) | 73.71(c) |
| | 20.406(a)(1)(ii) | 50.36(c)(2) | 50.73(a)(2)(vi) | OTHER (Specify in Abstract below and in Text, NRC Form 365A) |
| | 20.406(a)(1)(iv) | X 50.73(a)(2)(i) | 50.73(a)(2)(viii)(A) | |
| | 20.406(a)(1)(v) | 50.73(a)(2)(ii) | 50.73(a)(2)(viii)(B) | |
| | 20.406(a)(1)(vi) | 50.73(a)(2)(iii) | 50.73(a)(2)(ix) | |

LICENSEE CONTACT FOR THIS LER (12)

NAME: Lary R. Aldrich, extension 238

TELEPHONE NUMBER: 815 357-6761

COMPLETE ONE LINE FOR EACH COMPONENT FAILURE DESCRIBED IN THIS REPORT (13)

| CAUSE | SYSTEM | COMPONENT | MANUFACTURER | REPORTABLE TO NRPDS | CAUSE | SYSTEM | COMPONENT | MANUFACTURER | REPORTABLE TO NRPDS |
|-------|--------|-----------|--------------|---------------------|-------|--------|-----------|--------------|---------------------|
| A | Z | Z | Z | N | | | | | |

SUPPLEMENTAL REPORT EXPECTED (14)

YES (If yes, complete EXPECTED SUBMISSION DATE): NO:

EXPECTED SUBMISSION DATE (15)

| MONTH | DAY | YEAR |
|-------|-----|------|
| | | |

ABSTRACT (Limit to 1400 spaces, i.e., approximately fifteen single space typewritten lines) (18)

A Radiation Chemistry Technician (RCT) surveyed the Unit 2 offgas carbon bed vault, at 1530 on July 3, 1984, and determined that the room contained a high radiation area. Door 565 was posted as a "Caution Radiation Area" and was on production security status level. The Unit 2 offgas carbon bed vault area was last surveyed on June 12, 1984, and the highest dose rate found was 40 mR/hr. The room was scheduled for another routine survey on July 6, 1984. Based on experience it was known that the area did not become a high radiation area until operating above the 50% power level. A lack of management communication and follow-up resulted in the room remaining as a radiation area even after Unit 2 went above the 50% power level. Upon discovery, an RCT posted door 565 as "Danger High Radiation Area" and had the security status level upgraded to high radiation status.

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LICENSEE EVENT REPORT (LER) TEXT CONTINUATION

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| FACILITY NAME (1) LaSalle County Station Unit 2 | DOCKET NUMBER (2) 0-5100037484 | LER NUMBER (8) | | | PAGE (3) | | |
| | | YEAR | SEQUENTIAL NUMBER | REVISION NUMBER | | | |
| | | 84 | 034 | 00 | 02 | OF | 03 |

TEXT (If more space is required, use additional NRC Form 306A's) (17)

I. EVENT DESCRIPTION

A Radiation Chemistry Technician surveyed the Unit 2 offgas carbon bed vault at 1530 on July 3, 1984, and determined that the room contained a high radiation area. The dose rate near the inlet carbon bed of the string read approximately 400 mR/hr at one foot. Door 565 was posted as a "Caution Radiation Area" and was on production status level in the security computer. Contrary to Technical Specification 6.1.1, the room was found to be unsecured and unattended.

II. CAUSE

The Unit 2 offgas carbon bed vault area was last surveyed on June 12, 1984, and the highest dose rate found was 40 mR/hr. Based on a newly revised routine survey program the area was scheduled for another survey on July 6, 1984. Based on experience gained during Unit 1 Startup, it was known that this area did not become a high radiation area until operating for a few days above the 50% power level. On June 12, 1984, in preparation for increasing power above the 50% level, the doors which provide access control to the areas affected by high reactor power were placed on high radiation area status and properly posted. However, ineffective management communication and follow-up resulted in the Unit 2 offgas carbon bed vault remaining as a radiation area. Unit 2 went above the 50% power level for the first time on June 20, 1984.

III. PROBABLE CONSEQUENCES OF THE OCCURRENCE

Review of the dosimetry data for the period in question for the personnel who accessed the room, indicates that no radiation exposure greater than 7 mrem occurred. The 7 mrem was received by the Radiation Chemistry Technician who performed the survey.

IV. CORRECTIVE ACTION

Upon discovery of the high dose rates, a Radiation Chemistry Technician (RCT) posted door 565 as "Danger High Radiation Area". The RCT notified his foreman to have the door upgraded to high radiation status on the security computer. The RCT remained in constant surveillance of the door until notified that the door was secured using the card reader computer. A review of all potential high radiation areas on Unit 2 was performed. It was determined that all other high radiation areas or areas which could become high radiation areas due to increasing power levels were already secured and posted as high radiation areas. This Licensee Event Report will be reviewed by all of the Radiation/Chemistry Management personnel involved in high radiation area status level changes and postings to remind them of their responsibilities towards high radiation area security and posting. (AIR 1-84-67111)

LICENSEE EVENT REPORT (LER) TEXT CONTINUATION

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

V. PREVIOUS OCCURRENCES

One previous event of a similar nature occurred at approximately 1340 on July 3, 1984. This event is documented in LER 373/84-042-00.

VI. NAME AND TELEPHONE NUMBER OF PREPARER

L. R. Aldrich, 815/357-6761, extension 238.



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

July 24, 1984

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

Dear Sir:

Reportable Occurrence Report #84-034-00, Docket #050-374 is being submitted to your office in accordance with 10 CFR 50.73.

G. J. Diederich
Superintendent
LaSalle County Station

GJD/MLD/kg

Enclosure

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

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