

## LICENSEE EVENT REPORT (LER)

FACILITY NAME (1) Prairie Island Unit 1 DOCKET NUMBER (2) 05000282 PAGE (3) 1 OF 02

TITLE (4)

Both Unit 1 Shield Building doors opened during airlock test

| 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              | 5   | 2    | 1              | 8                 | 4               | 8               | 4   | 0    | 0                             | 2 | 0                | 5 | 0 | 0 | 0 |
| 0              | 5   | 2    | 1              | 8                 | 4               | 8               | 4   | 0    | 0                             | 2 | 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) |   |                   |                  |                      |  |          |  |  |  |  |  |
|--------------------|---|--|---|-------------------|------------------|----------------------|--|----------|--|--|--|--|--|
| POWER LEVEL (10)   | 1 | 0  | 0 | 20.402(b)         | 20.406(e)        | 50.73(a)(2)(iv)      | 73.71(b)   |          |  |  |  |  |  |
|                    |   |  |   | 20.406(a)(1)(i)   | 50.36(e)(1)      | X                    | 50.73(a)(2)(v)   | 73.71(e) |  |  |  |  |  |
|                    |   |  |   | 20.406(a)(1)(ii)  | 50.36(e)(2)      | 50.73(a)(2)(vi)      | OTHER (Specify in Abstract below and in Text, NRC Form 366A) |          |  |  |  |  |  |
|                    |   |  |   | 20.406(a)(1)(iii) | 50.73(a)(2)(i)   | 50.73(a)(2)(viii)(A) |  |          |  |  |  |  |  |
|                    |   |  |   | 20.406(a)(1)(iv)  | 50.73(a)(2)(ii)  | 50.73(a)(2)(viii)(B) |  |          |  |  |  |  |  |
|                    |   |  |   | 20.406(a)(1)(v)   | 50.73(a)(2)(iii) | 50.73(a)(2)(ix)      |  |          |  |  |  |  |  |

LICENSEE CONTACT FOR THIS LER (12)

NAME Arne A Hunstad, Staff Engineer TELEPHONE NUMBER 6123881121

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 |
|-------|--------|-----------|--------------|-------------------|-------|--------|-----------|--------------|-------------------|
|       |        |           |              |                   |       |        |           |              |                   |
|       |        |           |              |                   |       |        |           |              |                   |
|       |        |           |              |                   |       |        |           |              |                   |

SUPPLEMENTAL REPORT EXPECTED (14)

YES (If yes, complete EXPECTED SUBMISSION DATE) NO EXPECTED SUBMISSION DATE (15)

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

During normal operation, the maintenance airlock leakage test was begun. The test calls for pressurization of the airlock with station air. An air hose was routed thru both shield building ventilation doors, causing a breach in shield building integrity. Procedures and air supply routing will be changed.

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## LICENSEE EVENT REPORT (LER) TEXT CONTINUATION

APPROVED OMB NO. 3150-0104

EXPIRES: 8/31/85

| FACILITY NAME (1)     | DOCKET NUMBER (2)     | LER NUMBER (5) |                      |                    | PAGE (3) |   |            |
|-----------------------|-----------------------|----------------|----------------------|--------------------|----------|---|------------|
|                       |                       | YEAR           | SEQUENTIAL<br>NUMBER | REVISION<br>NUMBER |          |   |            |
| Prairie Island Unit 1 | 0 5 0 0 0 2 8 2 8 4 - | 0              | 0                    | 2                  | -        | 0 | 0 2 OF 0 2 |

TEXT (If more space is required, use additional NRC Form 308A's) (17)

On the morning of May 21, the leakage test of the maintenance airlock (AL) was begun. The test calls for pressurization of the airlock with the station air system. At about 1020 hours, an air hose was routed through both shield building ventilation doors (DR); this action caused a breach in shield building integrity. At about 1050, the doors were closed after the NRC Resident Inspector questioned this action.

Cause of the event was procedure. The doors had traditionally been treated as Category I Ventilation doors, which can both be opened provided the Control Room is notified of the opening. This treatment was incorrect and led to the event. The test procedure says that both doors can be opened.

The airlock leakage test procedure will be revised before its next use to emphasize shield building integrity requirements. Design changes are in progress to provide a better routing of station air for the leakage tests.



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June 20, 1984

U S Nuclear Regulatory Commission  
Document Control Desk  
Washington, DC 20555

PRAIRIE ISLAND NUCLEAR GENERATING PLANT  
Docket No. 50-282 License No. DPR-42

Both Unit 1 Shield Building Doors Opened During Airlock Test

The License Event Report for this occurrence is attached.

This event was reported via Emergency Notification System per 10 CFR Part 72 on May 21, 1984.

*Eugene Edelhoff*

for David Musolf  
Manager - Nuclear Support Services

DMM/EFE/dab

c: Regional Administrator-III, NRC  
NRR Project Manager, NRC  
Resident Inspector, NRC  
MPCA  
Attn: J W Ferman

Attachment

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