

LICENSEE EVENT REPORT (LER)

|   |                                      |                    |
|---|--------------------------------------|--------------------|
| FACILITY NAME (1)<br>Fort Calhoun Station, Unit No. 1 | DOCKET NUMBER (2)<br>0 5 0 0 0 2 8 5 | PAGE 3<br>1 OF 0 2 |
|---|--------------------------------------|--------------------|

TITLE (4)  
Load Over the RCS

| 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 7  | 0 2 | 8 4  | 8 4               | 0 1 5             | 0 0             | 0 8              | 0 1 | 8 4  | N                             |  | 0 5 0 0 0        |   |  |  |  |  |  |  |  |  |  |  |  |                         |  |  |           |  |  |           |  |  |                 |  |  |          |  |  |                           |  |  |                  |  |  |             |  |  |                |  |  |          |  |  |  |  |  |                   |  |  |             |  |  |                 |  |  |  |  |  |  |  |  |                  |  |  |                 |  |  |                     |  |  |  |  |  |                 |  |  |                  |  |  |                      |  |  |  |  |  |                  |  |  |                  |  |  |                 |  |  |  |  |  |
| <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td colspan="12">THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10 CFR § (Check one or more of the following) (11)</td> </tr> <tr> <td colspan="3">OPERATING MODE (9)<br/>5</td> <td colspan="3">20.402(b)</td> <td colspan="3">20.406(c)</td> <td colspan="3">90.73(a)(2)(iv)</td> <td colspan="3">73.71(b)</td> </tr> <tr> <td colspan="3">POWER LEVEL (10)<br/>0 0 0</td> <td colspan="3">20.406(a)(1)(ii)</td> <td colspan="3">90.36(c)(1)</td> <td colspan="3">90.73(a)(2)(v)</td> <td colspan="3">73.71(c)</td> </tr> <tr> <td colspan="3"></td> <td colspan="3">20.406(a)(1)(iii)</td> <td colspan="3">90.36(c)(2)</td> <td colspan="3">90.73(a)(2)(vi)</td> <td colspan="3" rowspan="3">OTHER (Specify in Abstract below and in Text, NRC Form 366A)</td> </tr> <tr> <td colspan="3"></td> <td colspan="3">20.406(a)(1)(iv)</td> <td colspan="3">90.73(a)(2)(ii)</td> <td colspan="3">90.73(a)(2)(vii)(A)</td> </tr> <tr> <td colspan="3"></td> <td colspan="3">20.406(a)(1)(v)</td> <td colspan="3">90.73(a)(2)(iii)</td> <td colspan="3">90.73(a)(2)(viii)(B)</td> </tr> <tr> <td colspan="3"></td> <td colspan="3">20.406(a)(1)(vi)</td> <td colspan="3">90.73(a)(2)(iii)</td> <td colspan="3">90.73(a)(2)(ix)</td> <td colspan="3"></td> </tr> </table> |     |      |                   |                   |                 |                  |     |      |                               |  |                  | THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10 CFR § (Check one or more of the following) (11) |  |  |  |  |  |  |  |  |  |  |  | OPERATING MODE (9)<br>5 |  |  | 20.402(b) |  |  | 20.406(c) |  |  | 90.73(a)(2)(iv) |  |  | 73.71(b) |  |  | POWER LEVEL (10)<br>0 0 0 |  |  | 20.406(a)(1)(ii) |  |  | 90.36(c)(1) |  |  | 90.73(a)(2)(v) |  |  | 73.71(c) |  |  |  |  |  | 20.406(a)(1)(iii) |  |  | 90.36(c)(2) |  |  | 90.73(a)(2)(vi) |  |  | OTHER (Specify in Abstract below and in Text, NRC Form 366A) |  |  |  |  |  | 20.406(a)(1)(iv) |  |  | 90.73(a)(2)(ii) |  |  | 90.73(a)(2)(vii)(A) |  |  |  |  |  | 20.406(a)(1)(v) |  |  | 90.73(a)(2)(iii) |  |  | 90.73(a)(2)(viii)(B) |  |  |  |  |  | 20.406(a)(1)(vi) |  |  | 90.73(a)(2)(iii) |  |  | 90.73(a)(2)(ix) |  |  |  |  |  |
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| OPERATING MODE (9)<br>5  |     |      | 20.402(b)         |                   |                 | 20.406(c)        |     |      | 90.73(a)(2)(iv)               |  |                  | 73.71(b)  |  |  |  |  |  |  |  |  |  |  |  |                         |  |  |           |  |  |           |  |  |                 |  |  |          |  |  |                           |  |  |                  |  |  |             |  |  |                |  |  |          |  |  |  |  |  |                   |  |  |             |  |  |                 |  |  |  |  |  |  |  |  |                  |  |  |                 |  |  |                     |  |  |  |  |  |                 |  |  |                  |  |  |                      |  |  |  |  |  |                  |  |  |                  |  |  |                 |  |  |  |  |  |
| POWER LEVEL (10)<br>0 0 0  |     |      | 20.406(a)(1)(ii)  |                   |                 | 90.36(c)(1)      |     |      | 90.73(a)(2)(v)                |  |                  | 73.71(c)  |  |  |  |  |  |  |  |  |  |  |  |                         |  |  |           |  |  |           |  |  |                 |  |  |          |  |  |                           |  |  |                  |  |  |             |  |  |                |  |  |          |  |  |  |  |  |                   |  |  |             |  |  |                 |  |  |  |  |  |  |  |  |                  |  |  |                 |  |  |                     |  |  |  |  |  |                 |  |  |                  |  |  |                      |  |  |  |  |  |                  |  |  |                  |  |  |                 |  |  |  |  |  |
|  |     |      | 20.406(a)(1)(iii) |                   |                 | 90.36(c)(2)      |     |      | 90.73(a)(2)(vi)               |  |                  | OTHER (Specify in Abstract below and in Text, NRC Form 366A)  |  |  |  |  |  |  |  |  |  |  |  |                         |  |  |           |  |  |           |  |  |                 |  |  |          |  |  |                           |  |  |                  |  |  |             |  |  |                |  |  |          |  |  |  |  |  |                   |  |  |             |  |  |                 |  |  |  |  |  |  |  |  |                  |  |  |                 |  |  |                     |  |  |  |  |  |                 |  |  |                  |  |  |                      |  |  |  |  |  |                  |  |  |                  |  |  |                 |  |  |  |  |  |
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|  |     |      | 20.406(a)(1)(v)   |                   |                 | 90.73(a)(2)(iii) |     |      | 90.73(a)(2)(viii)(B)          |  |                  |   |  |  |  |  |  |  |  |  |  |  |  |                         |  |  |           |  |  |           |  |  |                 |  |  |          |  |  |                           |  |  |                  |  |  |             |  |  |                |  |  |          |  |  |  |  |  |                   |  |  |             |  |  |                 |  |  |  |  |  |  |  |  |                  |  |  |                 |  |  |                     |  |  |  |  |  |                 |  |  |                  |  |  |                      |  |  |  |  |  |                  |  |  |                  |  |  |                 |  |  |  |  |  |
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LICENSEE CONTACT FOR THIS LER (12)

|  |  |  |  |
|--|--|--|--|
| NAME<br>Lawrence T. Kusek, Supervisor-Operations<br>Fort Calhoun Station, Unit No. 1 |  | TELEPHONE NUMBER<br>AREA CODE<br>4 0 2 4 2 6 - 4 0 1 1 |  |
|--|--|--|--|

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

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) (16)

A load of approximately 250 pounds was carried by the polar crane over the reactor coolant system when the fluid in the pressurizer was greater than 225 degrees Fahrenheit violating Technical Specification 2.11(1). Pressurizer temperature and pressure at the time of the incident were approximately 388°F and 220 psia, respectively. When the violation was discovered, the load was suspended above grating over a steam generator cavity. The load was set on a concrete support and the polar crane was placed in its parked position. To prevent similar events from occurring in the future, a procedure change has been made to RCS vent and leak test operating instructions to tag out the polar crane prior to exceeding 225 degrees Fahrenheit in the pressurizer.

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PDR ADOCK 05000285  
S PDR

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LICENSEE EVENT REPORT (LER) TEXT CONTINUATION

|   |  |                |                   |                 |          |    |     |
|---|--|----------------|-------------------|-----------------|----------|----|-----|
| FACILITY NAME (1)<br><br>Fort Calhoun Station, Unit No. 1 | DOCKET NUMBER (2)<br><br>0 5 0 0 0 2 8 5 | LER NUMBER (6) |                   |                 | PAGE (3) |    |     |
|   |  | YEAR           | SEQUENTIAL NUMBER | REVISION NUMBER |          |    |     |
|   |  | 8 4            | — 0 1 5           | — 0 0           | 0 2      | OF | 0 2 |

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

On July 2, 1984 at 1400, the polar crane carried a skip box weighing approximately 250 pounds over part of the reactor coolant system when the fluid in the pressurizer was greater than 225 degrees Fahrenheit violating Technical Specification 2.11(1). When the violation was discovered, the load was suspended above grating over a steam generator cavity. The load was set on a concrete support and the polar crane was placed in its parked position. To prevent similar events from occurring in the future, a procedure change has been made to RCS vent and leak test operating instructions to tag out the polar crane prior to exceeding 225 degrees Fahrenheit in the pressurizer.

Loads are not to be allowed over the pressurized reactor coolant system to preclude dropping objects which could rupture the boundary of the reactor coolant system allowing loss of coolant and over-heating of the core. At the time of the incident the pressurizer was at approximately 388 degrees and 220 psia. The RCS was at approximately 185 degrees and being heated up with one reactor coolant pump in operation. Shutdown cooling was in operation with low pressure and high pressure safety injection pumps available. The load was 12 feet above the grating over the steam generator cavity. Had the load fallen, it is unlikely it would have penetrated the grating. Had this occurred and the RCS boundary been ruptured, the available safety injection system components would have been able to mitigate possible over-heating of the core.

**Omaha Public Power District**  
1623 Harney Omaha, Nebraska 68102  
402/536-4000

August 1, 1984  
FC-397-84  
LIC-84-252

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

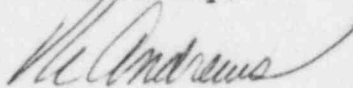
Reference: Docket No. 50-285

Gentlemen:

Licensee Event Report for  
the Fort Calhoun Station

Please find attached Licensee Event Report 84-015 dated August 1,  
1984. This report is being submitted per requirements of 10 CFR  
50.73.

Sincerely,



R. L. Andrews  
Division Manager  
Nuclear Production

RLA/jmm

Attachment

cc: Mr. Richard P. Denise, Director  
Division of Resident, Reactor Project  
& Engineering Programs  
U. S. Nuclear Regulatory Commission  
Region IV  
611 Ryan Plaza Drive, Suite 1000  
Arlington, Texas 76011

INPO Records Center  
Mr. E. G. Tourigny, Project Manager

SARC Chairman  
PRC Chairman  
Mr. L. A. Yandell, Senior Resident  
Inspector  
Fort Calhoun File (2)

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