

# WOLF CREEK

NUCLEAR OPERATING CORPORATION

John A. Bailey  
Vice President  
Nuclear Operations

November 5, 1990

NO 90-0281

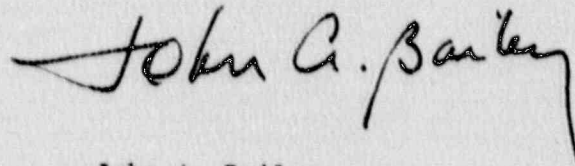
U. S. Nuclear Regulatory Commission  
ATTN: Document Control Desk  
Mail Station P1-137  
Washington, D. C. 20555

Subject: Docket No. 50-482: Licensee Event Report 90-022-00

Gentlemen:

The attached Licensee Event Report (LER) is being submitted pursuant to 10 CFR 50.73 (a) (2) (i) concerning a Technical Specification violation.

Very truly yours,



John A. Bailey  
Vice President  
Nuclear Operations

JAB/aem

Attachment

cc: A. T. Howell (NRC), w/a  
R. D. Martin (NRC), w/a  
D. V. Pickett (NRC), w/a  
M. E. Skow (NRC), w/a

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LICENSEE EVENT REPORT (LER)

|  |  |                        |
|--|--|------------------------|
| FACILITY NAME (1)<br>Wolf Creek Generating Station | DOCKET NUMBER (2)<br>0   5   0   0   0   4   8   2 | PAGE (3)<br>1 OF 0   3 |
|--|--|------------------------|

TITLE (4) Technical Specification Violation - Unqualified Individual Assuming Fire Brigade Member Duties Because Of A Lack Of Administrative Controls

| 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) |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 1              | 0   | 0    | 4              | 9                 | 0               | 9               | 0   | 0    | 0                             | 2 | 2                | 0 | 0 | 1 | 1 | 0 | 5 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 0 |

|  |  |  |   |  |  |  |  |  |  |  |
|--|--|--|---|--|--|--|--|--|--|--|
| OPERATING MODE (9)<br>1                  | THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10 CFR § (Check one or more of the following) (11): |  |   |  |  |  |  |  |  |  |
| POWER LEVEL (10)<br>1   0   0            | <input type="checkbox"/> 20.402(b)   | <input type="checkbox"/> 20.405(e)                 | <input type="checkbox"/> 50.73(a)(2)(iv)      | <input type="checkbox"/> 73.71(b)                            |  |  |  |  |  |  |
|  | <input type="checkbox"/> 20.405(a)(1)(i)   | <input type="checkbox"/> 50.36(e)(1)               | <input type="checkbox"/> 50.73(a)(2)(v)       | <input type="checkbox"/> 73.71(c)                            |  |  |  |  |  |  |
|  | <input type="checkbox"/> 20.405(a)(1)(ii)  | <input type="checkbox"/> 50.36(e)(2)               | <input type="checkbox"/> 50.73(a)(2)(vii)     | OTHER (Specify in Abstract below and in Text, NRC Form 365A) |  |  |  |  |  |  |
|  | <input type="checkbox"/> 20.405(a)(1)(iii)   | <input checked="" type="checkbox"/> 50.73(a)(2)(i) | <input type="checkbox"/> 50.73(a)(2)(viii)(A) |  |  |  |  |  |  |  |
|  | <input type="checkbox"/> 20.405(a)(1)(iv)  | <input type="checkbox"/> 50.73(a)(2)(ii)           | <input type="checkbox"/> 50.73(a)(2)(viii)(B) |  |  |  |  |  |  |  |
| <input type="checkbox"/> 20.405(a)(1)(v) | <input type="checkbox"/> 50.73(a)(2)(iii)  | <input type="checkbox"/> 50.73(a)(2)(x)            |   |  |  |  |  |  |  |  |

|  |  |                  |                               |
|--|--|------------------|-------------------------------|
| LICENSEE CONTACT FOR THIS LER (12)                 |  | TELEPHONE NUMBER |                               |
| NAME<br>Merlin G. Williams - Manager Plant Support |  | AREA CODE        | NUMBER                        |
|  |  | 3   1   6        | 3   6   4   -   8   8   3   1 |

| COMPLETE ONE LINE FOR EACH COMPONENT FAILURE DESCRIBED IN THIS REPORT (13) |        |           |              |                     |       |        |           |              |                     |  |
|--|--------|-----------|--------------|---------------------|-------|--------|-----------|--------------|---------------------|--|
| CAUSE  | SYSTEM | COMPONENT | MANUFACTURER | REPORTABLE TO NFRDS | CAUSE | SYSTEM | COMPONENT | MANUFACTURER | REPORTABLE TO NFRDS |  |
|  |        |           |              |                     |       |        |           |              |                     |  |
|  |        |           |              |                     |       |        |           |              |                     |  |
|  |        |           |              |                     |       |        |           |              |                     |  |

|  |  |                               |       |     |      |
|--|--|-------------------------------|-------|-----|------|
| SUPPLEMENTAL REPORT EXPECTED (14)  |  | EXPECTED SUBMISSION DATE (15) | MONTH | DAY | YEAR |
| <input type="checkbox"/> YES (If yes, complete EXPECTED SUBMISSION DATE) | <input checked="" type="checkbox"/> NO |                               |       |     |      |

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

On October 4, 1990, a Radwaste Operator discovered that his name was no longer included in the roster of qualified Fire Brigade Members. This made the individual ineligible to serve as a Fire Brigade Member. It was later determined that the unqualified individual had fulfilled Fire Brigade requirements on fifteen separate occasions subsequent to disqualification. This constitutes a violation of Technical Specification 6.2.2, which requires, in part, a site Fire Brigade of at least five members be maintained on site at all times.

This event occurred because Fire Brigade Members and appropriate supervision were not notified concerning removal of individuals from the Fire Brigade Roster. The Radwaste Operator will not be allowed to fulfill Fire Brigade requirements until he has been requalified. The other Radwaste Operators' qualifications have been verified current. All Radwaste personnel have been instructed individually on the importance of ensuring that quarterly training sessions are attended. Also, in order to prevent recurrence, the Fire Protection Specialist will notify the Fire Brigade Members and appropriate supervision prior to expiration of qualifications. A computer program is being developed to assist the Fire Protection Specialist to track the training that the members of the Fire Brigade have received. It is anticipated that this computer program will be completed by November 19, 1990.

**LICENSEE EVENT REPORT (LER)  
TEXT CONTINUATION**

ESTIMATED BURDEN PER RESPONSE TO COMPLY WITH THIS INFORMATION COLLECTION REQUEST: 50.0 HRS. FORWARD COMMENTS REGARDING BURDEN ESTIMATE TO THE RECORDS AND REPORTS MANAGEMENT BRANCH (P-530), U.S. NUCLEAR REGULATORY COMMISSION, WASHINGTON, DC 20555, AND TO THE PAPERWORK REDUCTION PROJECT (3150-0104), OFFICE OF MANAGEMENT AND BUDGET, WASHINGTON, DC 20503.

|  |  |                |                   |                 |          |    |       |
|--|--|----------------|-------------------|-----------------|----------|----|-------|
| FACILITY NAME (1)<br><br>Wolf Creek Generating Station | DOCKET NUMBER (2)<br><br>0 5   0   0   0   4   8   2 | LER NUMBER (6) |                   |                 | PAGE (3) |    |       |
|  |  | YEAR           | SEQUENTIAL NUMBER | REVISION NUMBER |          |    |       |
|  |  | 9   0          | —   0   2   2     | —   0   0       | 0   2    | OF | 0   3 |

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

**INTRODUCTION**

On October 4, 1990, it was discovered that an unqualified individual had been used on fifteen separate occasions to fulfill Fire Brigade requirements. This constitutes a violation of Technical Specification 6.2.2, which requires, in part, a site Fire Brigade of at least five members be maintained on site at all times. It was conservatively determined that this situation could have adversely affected safe plant operation had a fire occurred. Therefore this event is being reported pursuant to 10 CFR 50.73(a)(2)(i) concerning a condition prohibited by the plant's Technical Specifications.

**DESCRIPTION OF EVENT**

On July 31, 1990 an individual was declared ineligible to serve as a Fire Brigade Member. This action was taken after the individual missed a scheduled Training Cycle (quarterly). A roster, identifying qualified members of the Fire Brigade, is produced quarterly by Training and it is distributed to the Fire Protection Specialist who maintains a current roster in the Control Room.

A Fire Brigade Member is required to participate in a practical training exercise at least once per year, attend regular planned meetings at least once every 3 months to review changes in the Fire Protection Program, and participate in at least two Fire Drills per year.

On October 4, 1990, the individual discovered that his name was no longer included on the Fire Brigade Roster. An investigation revealed that the unqualified individual had been used to satisfy Fire Brigade requirements on fifteen separate occasions following his removal from the Fire Brigade Roster. It was conservatively determined that this situation could have adversely affected safe plant operation had a fire occurred. This is contrary to Technical Specification 6.2.2, which requires, in part, a site Fire Brigade of at least 5 members be maintained on site at all times. During the time that the individual served as a Fire Brigade Member the unit was operating in Mode 1, Power Operation, at approximately 100 percent reactor power.

**LICENSEE EVENT REPORT (LER)  
TEXT CONTINUATION**

ESTIMATED BURDEN PER RESPONSE TO COMPLY WITH THIS INFORMATION COLLECTION REQUEST: 50.0 HRS. FORWARD COMMENTS REGARDING BURDEN ESTIMATE TO THE RECORDS AND REPORTS MANAGEMENT BRANCH (F-630), U.S. NUCLEAR REGULATORY COMMISSION, WASHINGTON, DC 20565, AND TO THE PAPERWORK REDUCTION PROJECT (3150-0104), OFFICE OF MANAGEMENT AND BUDGET, WASHINGTON, DC 20503.

|  |  |                |                   |                 |          |    |       |
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|  |  | 9   0          | -   0   2   2     | --   0   0      | 0   3    | OF | 0   3 |

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

**ROOT CAUSE AND CORRECTIVE ACTIONS**

The individual involved in this event is one of a group of nonlicensed operators who serve as Radwaste Building operators. This group of personnel is unique in that they do not have a regularly scheduled time for attending Fire Brigade Training sessions. Therefore, the individual is responsible for attending a session each cycle. In this instance the individual overlooked this requirement. Fire Brigade Members were not provided notification of expiration of their qualifications and their removal from the Fire Brigade Roster. Because supervisory personnel were not notified that the individual's qualifications had expired, the individual was utilized subsequently to fulfill the Fire Brigade requirements on fifteen occasions.

The Radwaste Operator will not be allowed to fulfill the Fire Brigade requirements until he has been requalified. The other Radwaste Operators' qualifications have been verified to be current. All Radwaste personnel have been instructed individually on the importance of ensuring that quarterly training sessions are attended. Also, in order to prevent recurrence, the Fire Protection Specialist will notify the Fire Brigade Members and appropriate supervision prior to expiration of qualifications. A computer program is being developed to assist the Fire Protection Specialist to track the training that the members of the Fire Brigade have received. It is anticipated that this computer program will be completed by November 19, 1990. Additionally, a computerized program is being developed which will identify if an individual is current and qualified for a particular assigned position on shift. This program will be expanded to include other shift positions such as Fire Brigade Members. This will allow the Shift Supervisor to readily verify all requirements are met for an individual assuming a particular position on shift. It is anticipated that this computer program will be completed by December 14, 1990.

**ADDITIONAL INFORMATION**

There have been no previous similar occurrences.