

**WOLF CREEK**  
NUCLEAR OPERATING CORPORATION

John A. Bailey  
Vice President  
Operations

March 8, 1991

NO 91-0078

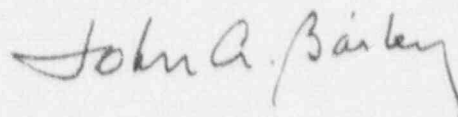
U. S. Nuclear Regulatory Commission  
ATTN: Document Control Desk  
Mail Station P1-137  
Washington, D. C. 20555

Subject: Docket No. 90-482: Licensee Event Report 91-005-00

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  
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

9103120358 910308  
PDR ADOCK 05000482  
S PDR

LICENSEE EVENT REPORT (LER)

FACILITY NAME (1) **Wolf Creek Generating Station** DOCKET NUMBER (2) **050004821** OF **03** PAGE (3)

TITLE (4) **Failure To Incorporate Correct Values Results In Incorrect Setpoint For The Containment Base Slab Triaxial Response Spectrum Recorder**

| 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) |
| 02             | 08  | 91   | 91             | 005               | 00              | 03    | 08  | 91                            |                | 050000           |
| 02             | 08  | 91   | 91             | 005               | 00              | 03    | 08  | 91                            |                | 050000           |

OPERATING MODE (9) **1**

POWER LEVEL (10) **1810**

THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10 CFR 50 (Check one or more of the following) (11)

|  |   |  |  |
|--|---|--|--|
| <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"/> 20.406(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"/> 20.406(a)(1)(ii)  | <input type="checkbox"/> 50.36(e)(2)                | <input type="checkbox"/> 50.73(a)(2)(vi)     | OTHER (Specify in Abstract below and in Text, NRC Form 366A) |
| <input type="checkbox"/> 20.406(a)(1)(iii) | <input checked="" type="checkbox"/> 50.73(a)(2)(ii) | <input type="checkbox"/> 50.73(a)(2)(vii)(A) |  |
| <input type="checkbox"/> 20.406(a)(1)(iv)  | <input type="checkbox"/> 50.73(a)(2)(iii)           | <input type="checkbox"/> 50.73(a)(2)(vii)(B) |  |
| <input type="checkbox"/> 20.406(a)(1)(v)   | <input type="checkbox"/> 50.73(a)(2)(iv)            | <input type="checkbox"/> 50.73(a)(2)(v)      |  |

LICENSEE CONTACT FOR THIS LER (12)

NAME **Merlin G. Williams - Manager Plant Support** TELEPHONE NUMBER **316 354-8831**

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

| CAUSE | SYSTEM | COMPONENT | MANUFACTURER | REPORTABLE TO NRCDS | CAUSE | SYSTEM | COMPONENT | MANUFACTURER | REPORTABLE TO NRCDS |
|-------|--------|-----------|--------------|---------------------|-------|--------|-----------|--------------|---------------------|
|       |        |           |              |                     |       |        |           |              |                     |
|       |        |           |              |                     |       |        |           |              |                     |

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 spaced typewritten lines) (16)

On February 8, 1991, it was determined that the setpoint for the Containment Base Slab Triaxial Response Spectrum Recorder was incorrectly set. Technical Specification 3.3.3.3 requires that seismic monitoring instrumentation be operable at all times. Because it was not recognized that the Recorder was inoperable, a Special Report was not submitted within the required time frame.

Subsequent investigation into this occurrence revealed that the design specification had been changed in June of 1984. When the setpoint was originally established in November of 1984, the values provided in a previous revision of the design specification were incorporated. Consequently, the setpoint has been incorrectly set since that time. Because the individuals involved are no longer employed at Wolf Creek, attempts to recreate the events that led up to this error have been unsuccessful. The surveillance test procedure and the Wolf Creek Setpoint Document have been revised to reflect the correct setpoint values. The recorder was restored to operable status on March 1, 1991 at 1048 CST. A review is being conducted to ensure other errors of this nature have not occurred.

LICENSEE EVENT REPORT (LER)  
TEXT CONTINUATION

ESTIMATED BURDEN PER RESPONSE TO COMPLY WITH THIS INFORMATION COLLECTION REQUEST: 500 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>0500048291 | LER NUMBER (8) |                   |                 | PAGE (3) |       |
|  |                                     | YEAR           | SEQUENTIAL NUMBER | REVISION NUMBER |          |       |
|  |                                     | 91             | 005               | 00              | 012      | OF 03 |

TEXT II: if more space is required, use additional NRC Form 396A's (17)

INTRODUCTION

On February 8, 1991, it was determined that the setpoint for the Containment Base Slab Triaxial Response Spectrum Recorder SG-ARS-1 [IN-VR] was incorrectly set. Technical Specification 3.3.3.3 requires that seismic monitoring instrumentation be operable at all times. This report is being submitted pursuant to 10 CFR 50.73(a)(2)(i) concerning this condition prohibited by the Technical Specifications.

DESCRIPTION OF EVENTS

On February 6, 1991, Instrumentation and Control personnel discovered that the setpoint for the Containment Base Slab Triaxial Response Spectrum Recorder specified in the Wolf Creek Setpoint Document was different than that specified in the design specification document. A Work Request was initiated to request clarification of the correct setpoint value. On February 3, 1991, engineering personnel determined that the value provided in the design specification was correct and that value should be incorporated into the system.

Following this determination, the Containment Base Slab Triaxial Response Spectrum Recorder was declared inoperable on February 8, 1991, at 1440 CST. Entry was made into the appropriate Action Statement. Efforts were initiated to revise the Wolf Creek Setpoint Document and surveillance test procedure SIS IC-896, "Channel Calibration Triax Spectrum Recorder (Passive)" to reflect the correct values. The setpoint for the Containment Base Slab Triaxial Response Spectrum Recorder was set to the correct value and the Recorder was restored to operable status on March 1, 1991, at 1048 CST.

Technical Specification 3.3.3.3 requires that with a required seismic monitoring instrument inoperable for more than 30 days, that a Special Report be prepared and submitted within the next 10 days. Because it was not recognized that the Recorder was inoperable, this Special Report was not submitted within the required time frame.

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-630), U.S. NUCLEAR REGULATORY COMMISSION, WASHINGTON, DC 20545, 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 1 0 0 4 8 2 9 1 | LER NUMBER (6) |                   |                 | PAGE (3) |    |     |
|  |  | YEAR           | SEQUENTIAL NUMBER | REVISION NUMBER |          |    |     |
|  |  | 9 1            | 0 0 5             | 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

Subsequent investigation into this occurrence revealed that the design specification had been changed in June of 1984. When the setpoint was established in the Wolf Creek Setpoint Document in November of 1984, the values provided in a previous revision of the design specification were incorporated. The surveillance procedure was based on the information in the Setpoint Document. Consequently, the setpoint has been incorrectly set since that time. Because the individuals involved are no longer employed at Wolf Creek, attempts to recreate the events that led up to this error have been unsuccessful.

On February 18, 1991, the setpoint change request was approved and on February 19, 1991, surveillance test procedure STS IC-896, "Channel Calibration Triax Spectrum Recorder (Passive)", was revised to reflect the correct setpoint values. Because a rigorous review of design documents is conducted prior to revising a setpoint, a sample of setpoints that have not been revised since startup will be reviewed to ensure other errors of this nature have not occurred. This review will be completed by March 31, 1991.

ADDITIONAL INFORMATION

The unit has operated in Mode 1, Power Operation, through Mode 6, Refueling, throughout this event. During the period that the Containment Base Slab Triaxial Response Spectrum Recorder was incorrectly set, other seismic monitoring instrumentation was available to promptly determine the magnitude and allow evaluation of the response of those features important to safety had a seismic event occurred. There was no damage to plant equipment or release of radioactivity as a result of this event. At no time did conditions develop that may have posed a threat to the health and safety of the public.

There have been no previous similar occurrences.