

LICENSEE EVENT REPORT (LER)

FACILITY NAME (1)
Washington Nuclear Plant - Unit 2

DOCKET NUMBER (2)
0500008971

PAGE (3)
1 OF 3

TITLE (4)
Operational Condition Change to Refueling Mode Without Performing Required Surveillances

| 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 NAME | DOCKET NUMBER (8) | | |
| 04 | 01 | 86 | 86 | 005 | 0 | 00 | 05 | 01 | | 050000 | | |
| 04 | 01 | 86 | 86 | 005 | 0 | 00 | 05 | 01 | | 050000 | | |

OPERATING MODE (9) 5

POWER LEVEL (10) 01010

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"/> 20.402(c) | <input type="checkbox"/> 60.73(a)(2)(iv) | <input type="checkbox"/> 73.71(b) |
| <input type="checkbox"/> 20.402(b)(1)(B) | <input type="checkbox"/> 60.73(a)(1) | <input type="checkbox"/> 60.73(a)(2)(v) | <input type="checkbox"/> 73.71(c) |
| <input type="checkbox"/> 20.402(b)(1)(B) | <input type="checkbox"/> 60.73(a)(2) | <input type="checkbox"/> 60.73(a)(2)(iv) | OTHER (Specify in Abstract below and in Part 3, NRC Form 308A) |
| <input type="checkbox"/> 20.402(b)(1)(B) | <input checked="" type="checkbox"/> 60.73(a)(2)(i) | <input type="checkbox"/> 60.73(a)(2)(v)(A) | |
| <input type="checkbox"/> 20.402(b)(1)(B) | <input type="checkbox"/> 60.73(a)(2)(B) | <input type="checkbox"/> 60.73(a)(2)(v)(B) | |
| <input type="checkbox"/> 20.402(b)(1)(B) | <input type="checkbox"/> 60.73(a)(2)(B) | <input type="checkbox"/> 60.73(a)(2)(v) | |

LICENSEE CONTACT FOR THIS LER (12)

NAME: W. S. Davison, Compliance Engineer

TELEPHONE NUMBER: 509 377-2501

AREA CODE: 509

Ext. 2726

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)

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

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

On April 1, 1986, at 2038 hours, Operational Condition 5, Refueling Mode, was entered by de-tensioning the first reactor vessel head bolt prior to completing all instrument surveillances required by Plant Technical Specifications. This error was discovered during the processing of a nonconformance report generated to document apparently overdue instrument surveillances on April 14, 1986. Upon discovery of the problem, all instrument surveillance requirements were reviewed. The missed surveillances were performed as soon as possible, with the last required item completed April 17, 1986. No handling of fuel or unauthorized core alterations occurred during this period. Test results confirmed that the instruments were functional during this entire period. The root cause of the event was evaluated as being inadequate procedures in that no approved plant procedure existed which provided guidance when changing operational condition from Cold Shutdown Mode 4 to Refueling Mode 5. A procedure will be generated to provide detailed guidance when entering Operational Condition 5.

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LICENSEE EVENT REPORT (LER) TEXT CONTINUATION

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|--|--|----------------|-------------------|-----------------|----------|----------|
| FACILITY NAME (1) Washington Nuclear Plant - Unit 2 | DOCKET NUMBER (2) 0 5 0 0 0 3 9 7 8 1 6 | LER NUMBER (8) | | | PAGE (3) | |
| | | YEAR | SEQUENTIAL NUMBER | REVISION NUMBER | | |
| | | 8 6 | - 0 0 1 5 | - 0 1 0 | 0 1 2 | OF 0 1 3 |

TEXT (If more space is required, use additional NRC Form 388A's) (17)

Plant Conditions

- a) Plant Mode - 5
- b) Power Level - 0%
- c) Reactor Coolant Temperature - 130°F

Event

During the process of preparing for a refueling outage on April 1, 1986, at 2038 hours, Operational Condition 5, Refueling Mode (Mode 5), was entered prior to completing all of the required instrument surveillances specified by Plant Technical Specifications section 4.0.4.

At WNP-2 the controlling factor for entrance into Mode 5 is de-tensioning the first reactor pressure vessel head bolt. This activity was routine with no problems or abnormalities occurring. The problem was discovered on April 14, 1986 during the processing of a nonconformance report written to resolve an apparently overdue instrument surveillance.

The root cause of the event was evaluated as being inadequate procedures in that no approved plant procedure existed which provided guidance for changing operational condition from Cold Shutdown Mode 4 to Refueling Mode 5. Even though individual procedures did exist to control all of the activities required prior to entering Mode 5 and to de-tension the RPV head bolts, no single procedure existed which tied the various requirements together to ensure performance of all items prior to mode change. This event is being reported under the provisions of 10CFR50.73(a)(2)(i)(B).

Immediate Corrective Action

- o Technical Specifications were reviewed and the Scheduled Maintenance System computer program output was checked to ensure that all Mode 5 surveillance requirements were identified.
- o The missed surveillances were scheduled and performed as soon as possible. The last one was completed April 17, 1986.

Further Evaluation and Corrective Action

- o During the entire period of the event, no core alterations were performed without the required surveillances satisfactorily completed beforehand.
- o As each of the missed surveillances was successfully completed, an analysis of the "As Found" instrument data was performed. All initial "As Found" data was verified to be still within the required tolerances of each of the surveillance procedure acceptance criteria.

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TEXT (If more space is required, use additional NRC Form 388A's) (17)

- o A procedure will be generated to provide detailed guidance when entering Operational Condition 5.
- o The procedure for de-tensioning the reactor pressure vessel head will be modified to include performance of the mode change procedure prior to manipulating the first head bolt.
- o Plant procedures will also be reviewed to ensure coverage of other mode change operations. Procedural changes will be made as deemed necessary.

Safety Significance

Since the analysis of the instrument data for the missed surveillances verified that all instruments remained within tolerances, all required instrumentation was operational during the entire period of the event. Therefore, any required protective action would have been initiated correctly, if a protective parameter setpoint had been sensed by the instrumentation. During the period of the event no unauthorized core alternations were accomplished. No reactor fuel was transferred. This event posed no threat to the safety of Plant personnel or the public.

Similar Events

None

EIIS Data

| <u>Text Reference</u> | <u>EIIS Reference</u> | |
|-------------------------|-----------------------|-----------|
| | System | Component |
| Reactor Pressure Vessel | AC | --- |

Washington Public Power Supply System

3000 George Washington Way P.O. Box 968 Richland, Washington 99352-0968 (509)372-5000

May 1, 1986

Docket No. 50-397

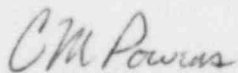
Document Control Desk
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

Subject: NUCLEAR PLANT NO. 2
LICENSEE EVENT REPORT NO. 86-005

Dear Sir:

Transmitted herewith is Licensee Event Report No. 86-005 for WNP-2 Plant. This report is submitted in response to the report requirements of 10CFR50.73 and discusses the item of reportability, corrective action taken, and action taken to preclude recurrence.

Very truly yours,



C.M. Powers (M/D 927M)
WNP-2 Plant Manager

CMP:mm

Enclosure:
Licensee Event Report No. 86-005

cc: Mr. John B. Martin, NRC - Region V
Mr. R.C. Barr, NRC - Site (901A)
Ms. Dottie Sherman, ANI
INPO Records Center - Atlanta, GA
Mr. C.R. Bryant, BPA (M/D 399)

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