

LICENSEE EVENT REPORT (LER)

FACILITY NAME (1) **Davis-Besse Unit 1** DOCKET NUMBER (2) **0 5 0 0 0 3 4 6 1** PAGE (3) **OF 0 2**

TITLE (4)
Atmospheric Vent Valve Testing Inadequacies

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

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|-------------------------------|--|--|---|---|
| OPERATING MODE (8): 4 | <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) |
| POWER LEVEL (10) 0 0 0 | <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(e) |
| | <input type="checkbox"/> 20.405(a)(1)(ii) | <input type="checkbox"/> 50.36(e)(2) | <input type="checkbox"/> 50.73(a)(2)(vii) | <input type="checkbox"/> OTHER (Specify in Abstract below and in Text, NRC Form 366A) |
| | <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) | |
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| | <input type="checkbox"/> 20.405(a)(1)(v) | <input type="checkbox"/> 50.73(a)(2)(iii) | <input type="checkbox"/> 50.73(a)(2)(ix) | |

LICENSEE CO (TACT FOR THIS LER) (12) _____

NAME **Charles Ackerman, Technical Section** TELEPHONE NUMBER **4 1 1 9 2 5 1 9 1 - 5 1 0 1 0 0**

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

| CAUSE | SYSTEM | COMPONENT | MANUFACTURER | REPORTABLE TO NPRDS | CAUSE | SYSTEM | COMPONENT | MANUFACTURER | REPORTABLE TO NPRDS | |
|-------|--------|-----------|--------------|---------------------|-------|--------|-----------|--------------|---------------------|---|
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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 January 9, 1985, a review of the Atmospheric Vent Valve testing determined that atmospheric vent valve test scheduling was deficient at Davis-Besse Unit 1. It was determined that Atmospheric Vent Valve, ICS 11A, had not been tested in accordance with Technical Specification 4.6.3.1.2.a from September 15, 1977 to October 5, 1980. Technical Specification 4.6.3.1.2.a requires ICS 11A to be demonstrated operable at least once per 18 months by verifying that on a containment isolation test signal, each automatic isolation valve actuates to its isolation position. The deficiency occurred due to a problem in the surveillance test program. ICS 11A testing has now been incorporated into the surveillance test computer program pertinent to Technical Specification 4.6.3.1.2.a.

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LICENSEE EVENT REPORT (LER) TEXT CONTINUATION

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| FACILITY NAME (1) Davis-Besse Unit 1 | DOCKET NUMBER (2) 0 15 0 0 0 3 4 6 8 5 - | LER NUMBER (6) | | | PAGE (3) | |
| | | YEAR | SEQUENTIAL NUMBER | REVISION NUMBER | | |
| | | 0 0 1 | - 0 0 | | 0 2 OF | 0 2 |

TEXT (If more space is required, use additional NRC Form 365A's) (17):

Description of Occurrence: On January 9, 1985, a review of atmospheric vent valve (AVV) testing at Davis-Besse Unit 1 determined that AVV test scheduling was possibly deficient. The findings revealed that Atmospheric Vent Valve, ICS 11A, had not been tested in accordance with Technical Specification (TS) 4.6.3.1.2.a from September 15, 1977 to October 5, 1980. TS 4.6.3.1.2.a requires ICS 11A to be demonstrated operable at least once per 18 months by verifying that on a containment isolation test signal each automatic isolation valve actuates to its isolation position. The ICS 11A response time was calculated on October 8, 1980, but the value used for ICS 11A calculation was outdated and incorrect.

This event is being reported under 10CFR50.73(a)(2)(i)(B) as an operation or condition prohibited by Technical Specifications.

Designation of Apparent Cause of Occurrence: The deficiency occurred due to a problem in the surveillance test program. ICS 11A was being tested pertinent to TS 4.6.3.1.2.a, in ST 5064.01, Containment Isolation Valves Post Maintenance Test. This surveillance test was written for post maintenance purposes only, and was not originally intended to be a scheduled (at a specified frequency) surveillance test.

Analysis of Occurrence: The operability of the containment isolation valves ensures that the containment atmosphere will be isolated from the outside environment in the event of a release of radioactive material to the containment atmosphere or pressurization of the containment. Containment isolation within specified limits ensures that the release of radioactive material to the environment will be consistent with the assumptions used in the analyses for a Loss of Coolant Accident (LOCA).

Although the atmospheric vent valve was not tested at the specified frequency, the valve when tested on October 5, 1980 stroked at 2.2 seconds. This is well below the required 10 seconds stroke time required. Therefore, the atmospheric vent valve would have performed its intended function.

Corrective Action: ICS 11A testing has been incorporated into the surveillance test computer program pertinent to TS 4.6.3.1.2.a. Also, a surveillance test will be written to include AVV testing pertinent to TS 4.6.3.1.2.a.

Failure Data: A previous report of an omission in the surveillance test scheduling program was reported in Licensee Event Report 84-016 (NP-33-84-17).

Report No: NP-33-85-01

DVR No(s): 85-007



February 7, 1985

Log No. K85-339
File: RR 2 (NP-33-85-01)

Docket No. 50-346
License No. NPF-3

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

Gentlemen:

LER No. 85-001
Davis-Besse Nuclear Power Station Unit 1
Date of Occurrence: January 9, 1985

Enclosed is Licensee Event Report 85-001 which is being submitted in accordance with 10CFR50.73, to provide 30 day written notification of the subject occurrence.

Yours truly,

A handwritten signature in cursive script, appearing to read 'Stephen M. Quennoz'.

Stephen M. Quennoz
Plant Manager
Davis-Besse Nuclear Power Station

SMQ/ljk

Enclosure

cc: Mr. James G. Keppler,
Regional Administrator,
USNRC Region III

Mr. Walt Rogers
DB-1 NRC Resident Inspector

JCS/001

Handwritten initials 'JE22' with a vertical line through the '2'.