

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) 1 OF 0 1

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)																
0	1	0	9	8	5	8	5	0	0	1	0	1	0	2	2	8	8	5			0	5	0	0	0		

OPERATING MODE (9) 4

POWER LEVEL (10) 0 0 0

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

<input type="checkbox"/> 20.402(b)	<input type="checkbox"/> 20.406(e)	<input type="checkbox"/> 60.73(a)(2)(iv)	<input type="checkbox"/> 73.71(b)
<input type="checkbox"/> 20.406(a)(1)(i)	<input type="checkbox"/> 60.73(a)(1)	<input type="checkbox"/> 60.73(a)(2)(v)	<input type="checkbox"/> 73.71(a)
<input type="checkbox"/> 20.406(a)(1)(ii)	<input type="checkbox"/> 60.73(a)(2)	<input type="checkbox"/> 60.73(a)(2)(vii)	<input type="checkbox"/> OTHER (Specify in Abstract below and in Text, NRC Form 386A)
<input type="checkbox"/> 20.406(a)(1)(iii)	<input checked="" type="checkbox"/> 60.73(a)(1)(i)	<input type="checkbox"/> 60.73(a)(2)(viii)(A)	
<input type="checkbox"/> 20.406(a)(1)(iv)	<input type="checkbox"/> 60.73(a)(2)(ii)	<input type="checkbox"/> 60.73(a)(2)(viii)(B)	
<input type="checkbox"/> 20.406(a)(1)(v)	<input type="checkbox"/> 60.73(a)(2)(iii)	<input type="checkbox"/> 60.73(a)(2)(ix)	

LICENSEE CONTACT FOR THIS LER (12)

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

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

CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NPROS	CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NPROS
D	S	SV	C 6 0 0	N					

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

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

TEXT (If more space is required, use additional NRC Form 388A'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 and 11B 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. AVV testing pertinent to TS 4.6.3.1.2.a since 1980 has been satisfied by post maintenance testing requirements specific to refueling outage work. ICS 11B testing requirements have always been met by post maintenance testing specific to refueling outage work.

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: Both ICS 11A and 11B testing has been incorporated into the surveillance test computer program pertinent to TS 4.6.3.1.2.a. Also, a new surveillance test will be written to include AVV testing pertinent to TS 4.6.3.1.2.a in addition to the existing post maintenance test, ST 5064.01.

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 28, 1985

Log No. K85-464  
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:

Enclosed is Revision 1 to Licensee Event Report 85-001. The revisions to the report are indicated by a "1" in the left margin of each page.

Please destroy or mark superseded your previous copy of this report and replace with the attached revision.

Yours truly,

A handwritten signature in cursive script that reads "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 "IE22" with a vertical line through them, possibly indicating a date or a specific reference.