

LICENSEE EVENT REPORT (LER)

FACILITY NAME (1) Dresden Nuclear Power Station	DOCKET NUMBER (2) 0 5 0 0 0 2 4 9	PAGE (3) 1 OF 0 2
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TITLE (4)
Reactor Scram

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)
									N/A		0 5 0 0 0
1 0	1 4	8 4	8 4	0 1 6	0 1	0 1	2 3	8 4	N/A		0 5 0 0 0

OPERATING MODE (9) N	THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10 CFR 5: (Check one or more of the following) (11)									
POWER LEVEL (10) 0 9 1 0	<input type="checkbox"/> 20.402(b)	<input type="checkbox"/> 20.408(e)	<input checked="" type="checkbox"/> 80.73(a)(2)(iv)	<input type="checkbox"/> 73.71(b)						
	<input type="checkbox"/> 20.405(a)(1)(ii)	<input type="checkbox"/> 80.30(a)(1)	<input type="checkbox"/> 80.73(a)(2)(v)	<input type="checkbox"/> 73.71(e)						
	<input type="checkbox"/> 20.405(a)(1)(iii)	<input type="checkbox"/> 80.30(a)(2)	<input type="checkbox"/> 80.73(a)(2)(vii)	OTHER (Specify in Abstract below and in Text, NRC Form 388A)						
	<input type="checkbox"/> 20.405(a)(1)(iii)	<input type="checkbox"/> 80.73(a)(2)(i)	<input type="checkbox"/> 80.73(a)(2)(viii)(A)							
	<input type="checkbox"/> 20.405(a)(1)(iv)	<input type="checkbox"/> 80.73(a)(2)(ii)	<input type="checkbox"/> 80.73(a)(2)(viii)(B)							
<input type="checkbox"/> 20.405(a)(1)(iv)	<input type="checkbox"/> 80.73(a)(2)(iii)	<input type="checkbox"/> 80.73(a)(2)(ix)								

LICENSEE CONTACT FOR THIS LER (12)

NAME Lawrence Boyle (X-526)	TELEPHONE NUMBER
	AREA CODE: 8 1 5 NUMBER: 9 4 2 - 2 9 2 0

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

CAUSE	SYSTEM	COMPONENT	MANUFAC-TURER	REPORTABLE TO NPROS	CAUSE	SYSTEM	COMPONENT	MANUFAC-TURER	REPORTABLE TO NPROS
X	S H	0 0 2 0	C 6 7 0	N					
X	S H	0 0 2 0	P 3 4 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)

While performing DOP 4400-8, Circulating Water Flow Reversal, the reactor scrambled due to low condenser vacuum. The reactor scrambled again at 0137 on low vacuum after the vacuum breaker was opened to prevent turbine damage due to low steam seal header pressure because the steam seal valve (S-1) would not open.

Safety significance was minimal since the reactor scram function performed as intended. This is the first occurrence of this type at Dresden.

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LICENSEE EVENT REPORT (LER) TEXT CONTINUATION

FACILITY NAME (1) Dresden Nuclear Power Station	DOCKET NUMBER (2) 0 5 0 0 0 2 4 9	LER NUMBER (6)			PAGE (3)	
		YEAR	SEQUENTIAL NUMBER	REVISION NUMBER		
		8 4	- 0 1 6	- 0 1	0 2	OF

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

Low condenser vacuum was caused by the 3-4402-A valve not opening completely while performing the Circulating Water Flow Reversal Test, DOP 4400-8. An attempt was made to reverse flow but the low condenser vacuum reactor scram actuated before this could be accomplished. After the Circulating Water Flow Reversal evolution was completed, condenser vacuum returned to normal and the initial reactor scram was reset. However, about nine minutes later it was noticed that the turbine had low steam seal header pressure due to the steam seal feed valve (S-1) not opening. To protect against turbine damage the turbine vacuum breaker was opened causing a second reactor scram on low condenser vacuum. The stem for the 3-4402-A valve was lubricated and the valve was cycled six times. The amps on this valve initially was ten amps and the final reading was six amps. Upon further pursuing this valve problem, the manufacturer was contacted on this subject. Upon his suggestion work requests have been written to check the torque settings and sealed bearings within this valve to further ensure proper preventative maintenance. This inspection program will be accomplished during the next refueling outage. However, since this reactor scram the 3-4402-A valve has gone through other Circulating Water Flow Reversal evolutions without any problems recurring. The S-1 feed valve manual lever was found engaged and was manually disengaged to allow the S-1 valve to operate normally. Safety significance was minimal, since the reactor scram occurred as intended. This is the first occurrence of this type at Dresden.



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Dresden Nuclear Power Station
R.R. #1
Morris, Illinois 60450
Telephone 815/942-2920

January 23, 1985

DJS Ltr #85-74

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

Update to Licensee Event Report #84-016-1, Docket #050249 is being submitted as required by Technical Specification 6.6, NUREG 1022 and 10 CFR 50.73 (a)(2)(iv). This update is submitted to correct the error in the S-1 valve nomenclature.

D.J. Scott
Station Superintendent
Dresden Nuclear Power Station

DJS/kjl

Enclosure

cc: J.G. Keppler, Regional Administrator, Region III
File/NRC
File/Numerical

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