

LICENSEE EVENT REPORT (LER)

FACILITY NAME (1) Dresden Nuclear Power Station, Unit 2	DOCKET NUMBER (2) 0 5 0 0 0 2 3 7	PAGE (3) 1 OF 0 1
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TITLE (4)
Failure to Pump Drywell Sumps Due to Operator Error

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(S)		
0 1	2 4	8 6	8 6	0 0 2	0 0	0 2	1 9	8 6	N/A		
									DOCKET NUMBER(S) 0 5 0 0 0		
									N/A		

OPERATING MODE (9) N	THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10 CFR § (Check one or more of the following) (11)									
POWER LEVEL (10) 0 0 1	20.402(b)	20.406(c)	50.73(a)(2)(iv)	73.71(b)						
	20.406(a)(1)(i)	50.36(e)(1)	50.73(a)(2)(v)	73.71(e)						
	20.406(a)(1)(ii)	50.36(e)(2)	50.73(a)(2)(vii)	OTHER (Specify in Abstract below and in Text, NRC Form 366A)						
	20.406(a)(1)(iii)	X 50.73(a)(2)(ii)	50.73(a)(2)(viii)(A)							
	20.406(a)(1)(iv)	50.73(a)(2)(iii)	50.73(a)(2)(viii)(B)							
	20.406(a)(1)(v)	50.73(a)(2)(iii)	50.73(a)(2)(ix)							

LICENSEE CONTACT FOR THIS LER (12)									
NAME John M. Flaherty, Technical Staff Engineer (X-610)							TELEPHONE NUMBER 8 1 5 9 4 2 2 9 2 0		
AREA CODE									

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	
A										
X	I	D	A	N	N	E	0	9	0	N

SUPPLEMENTAL REPORT EXPECTED (14)			EXPECTED SUBMISSION DATE (15)		
<input type="checkbox"/> YES (If yes, complete EXPECTED SUBMISSION DATE)			<input checked="" type="checkbox"/> NO		
MONTH	DAY	YEAR			

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

During normal startup (1 percent power) of Unit 2 on 1/24/86, the 1200 hour pumpdown of the drywell floor and equipment drain sumps was not performed. The sumps were not pumped until 1430 hours. The event was caused by a combination of personnel error and equipment malfunction. The Operators did not realize the sumps required pumping because the horn which normally alerts the Operators the sump pumpdown is required did not function. The safety significance of this event was minimal because when the sumps were pumped, the leakage rates were found to be below Technical Specification limit. As a corrective action, the broken horn was fixed and the Operators were made aware of their error. The last previous occurrence was reported under Reportable Occurrence #85-025-0, under Docket #050237.

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LICENSEE EVENT REPORT (LER) TEXT CONTINUATION

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		YEAR	SEQUENTIAL NUMBER	REVISION NUMBER		
		8 6	- 0 0	0 0	0 2	OF

TEXT (If more space is required, use additional NRC Form 366A's) (17)

On January 24, 1986, while Unit 2 was in the startup mode at 1 percent reactor power, the drywell floor and equipment drain sumps were not pumped at 1200 hours as required by Technical Specification 4.6.D.1 and Appendix A of the Unit Operators Daily Surveillance Log. The sumps were pumped at 1430 hours the same day. The 4 hour surveillance interval was exceeded by 2 hours 30 minutes. Normal pumping schedule was resumed at 1600 hours.

The cause of the event was a combination of equipment malfunction and personnel error. On the day of the event, Unit 2 was experiencing condenser vacuum problems. In an effort to solve the problems as quickly as possible, two Nuclear Station Operators (NSOs) were stationed at Unit 2. At the time the sumps were required to be pumped (1200 hours), one Operator remained stationed at the Unit 2 Control Room panels while the second Operator was allowed to leave the panels for a break. The Operator at the Unit 2 panels did not realize the sump pumping was required because the process computer audible alarm which normally alerts the Operator at the time the sumps are required to be pumped did not function. Upon investigation, it was found that the horn volume adjust screw was in too tight causing the horn to sound intermittently. When the second Operator returned from break and relieved the Operator stationed at the Unit 2 panels, he believed that the sumps had been pumped by the first Operator, and consequently did not initiate the action until 1430 hours. Both Reactor Operators were made aware of the seriousness of their error by the Shift Engineer to help prevent recurrence of this type of event.

The safety significance of this event is minimal. When the sumps were pumped at 1430 hours, the floor drain leakage was .358 gallons per minute (gpm) and the equipment drain leakage was 1.23 gpm. These leakage rates are well below the limits specified by Technical Specification 3.6.D.1.

As a corrective action, the horn which alerts the Operators that the sumps require pumping was fixed. In addition, the Operators were made aware of their error.

The last previous occurrence of a similar event was reported under Reportable Occurrence #85-025-0 under Docket #050237.



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February 19, 1986

DJS Ltr #86-132

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

Licensee Evnet Report #86-002-0, Docket #050237 is being submitted as required by
Technical Specification 6.6, NUREG 1022 and 10 CFR 50.73 (a)(2)(i)(B).

D. J. Scott
Station Manager
Dresden Nuclear Power Station

DJS/kjl

Enclosure

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

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