

LICENSEE EVENT REPORT (LER)

FACILITY NAME (1) Dresden Nuclear Power Station, Unit 2 DOCKET NUMBER (2) 0 5 0 0 0 2 3 1 7 1 OF 0 2 PAGE (3)

TITLE (4) Failure to Pump Drywell Sumps Within the Required Surveillance Interval 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 NAMES		DOCKET NUMBER(S)
0 2	2 6	8 6	8 6	0 0 3	0	0 0	0 3	2 5	8 6	N/A	0 5 0 0 0
										N/A	0 5 0 0 0

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

OPERATING MODE (9) N	20.402(b)	20.406(c)	50.73(a)(2)(iv)	73.71(b)
POWER LEVEL (10) 0 9 9	20.406(a)(1)(i)	50.36(e)(1)	50.73(a)(2)(v)	73.71(c)
	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)(i)	50.73(a)(2)(viii)(A)	
	20.406(a)(1)(iv)	50.73(a)(2)(ii)	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	MANUFAC TURER	REPORTABLE TO NPROS	CAUSE	SYSTEM	COMPONENT	MANUFAC TURER	REPORTABLE TO NPROS
X	I D	A N N	E 0 9 0	N					

SUPPLEMENTAL REPORT EXPECTED (14) YES (if yes, complete EXPECTED SUBMISSION DATE) NO X NO EXPECTED SUBMISSION DATE (15) MONTH DAY YEAR

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

On February 26, 1986, during normal operation of Unit 2 at 99 percent power, the 0000 hour pumpdown of the drywell equipment and floor drain sumps was not performed. The sumps were pumped at 0111 hours. The event was caused by a combination of personnel error and equipment malfunction. The two Operators involved with this event did not realize the sumps required pumping because the horn which normally alerts the Operators that 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 the Technical Specification limit and no increase in leakage rate was observed. As corrective actions, the horn was replaced and the Operators were made aware of their error. The last previous occurrence was reported under Reportable Occurrence #86-002-0 under Docket #050237.

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LICENSEE EVENT REPORT (LER) TEXT CONTINUATION

FACILITY NAME (1) Dresden Nuclear Power Station, Unit 2	DOCKET NUMBER (2) 0 5 0 0 0 2 3 7 8 6	LER NUMBER (6)			PAGE (3)	
		YEAR	SEQUENTIAL NUMBER	REVISION NUMBER		
		8 6	- 0 0 3	- 0 0	0 2	OF 0 2

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

On February 26, 1986, while Unit 2 was in the run mode under normal operating conditions at 99 percent power, the drywell equipment and floor drain sumps (EIIIS Code WK) were not pumped at 0000 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 0111 hours. The 4-hour surveillance interval was exceeded by 1 hour and 11 minutes. The normal pumping schedule was resumed at 0400 hours.

The cause of the event was a combination of personnel error and mechanical failure. Once every shift, the Nuclear Station Operator (NSO) is required to mark the time and date on all the chart recorders for which he is responsible. The NSO was relieved by another Operator to mark the date and time on all the chart recorders, including those on the back panels. At the time the sumps were required to be pumped, the NSO was marking the date on the back panel chart recorders. The relief Operator at the Unit 2 panels did not realize the sumps required pumping because the process computer audible alarm which normally alerts the Operator at the time the sumps are required to be pumped did not function. When the NSO returned to the Unit 2 panels, he believed the other Operator had pumped the sumps and consequently did not initiate the action until 0111 hours. Upon investigation, it was found that the horn volume adjust screw was overtightened. This can cause the horn to sound intermittently on every signal it receives. It is not known how the adjust screw became overtightened. The alarm horn had sounded before and after the event verifying the intermittent operation.

The following corrective actions have been taken. The horn which alerts the Operator that the sumps require pumping was replaced with an electronic alarm. This alarm does not have an adjust screw. Also, the Operators were made aware of the error by the Assistant Superintendent of Operations and reminded of the importance of initiating their actions at the appropriate times.

The safety significance of this event is minimal. When the sump pumping was initiated at 0111 hours, the floor drain sump level was below the low limit and the low level interlock prevented the pump from starting. Therefore, the leakage rate was calculated to be zero gallons per minute (gpm). The equipment drain leakage rate was 1.623 gpm. These leakage rates are below the limit specified by Technical Specification 3.6.D.1. In addition, no leakage rate increase over the previous surveillance was observed. The leakage rates observed in the previous pumpdown were 0 (zero) gpm for the floor drain leakage and 1.625 gpm for equipment drain leakage.

The last previous occurrence of a similar event was reported in Reportable Occurrence #86-002-0, Under Docket #050237.



Commonwealth Edison
Dresden Nuclear Power Station
R.R. #1
Morris, Illinois 60450
Telephone 815/942-2900

March 25, 1986

DJS Ltr #86-223

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

Licensee Event Report #86-003-0, 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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