

LICENSEE EVENT REPORT (LER)

FACILITY NAME (1) Kewaunee Nuclear Power Plant										DOCKET NUMBER (2) 0 5 0 0 0 3 0 5					PAGE (3) 1 OF 0 2								
TITLE (4) Actuation of Auxiliary Building Special Ventilation																							
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 N/A				DOCKET NUMBER(S) 0 5 0 0 0										
0	4	0	7	8	5	8	5	0	1	1	0	1	0	5	1	0	8	5	0	5	0	0	0
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 1 0 1 0		20.402(b)				20.406(c)				X 50.73(a)(2)(iv)				73.71(b)									
		20.406(a)(1)(i)				50.36(c)(1)				50.73(a)(2)(v)				73.71(c)									
		20.406(a)(1)(ii)				50.36(c)(2)				50.73(a)(2)(vi)				OTHER (Specify in Abstract below and in Text, NRC Form 366A)									
		20.406(a)(1)(iii)				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 Sherry L. Bernhoft - Plant Technical Support Engineer										TELEPHONE NUMBER AREA CODE 4 1 4 3 8 8 - 2 5 6 0													
COMPLETE ONE LINE FOR EACH COMPONENT FAILURE DESCRIBED IN THIS REPORT (13)																							
CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NRC		CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NRC													
X	C B	R I P D	W 1 2 0	No																			
SUPPLEMENTAL REPORT EXPECTED (14)										EXPECTED SUBMISSION DATE (15)		MONTH	DAY	YEAR									
YES (If yes, complete EXPECTED SUBMISSION DATE) X NO										N/A													
ABSTRACT (Limit to 1400 spaces, i.e., approximately fifteen single space typewritten lines) (16)																							

At 1100 on April 7, 1985, with the plant in the Hot Shutdown Operating mode following a refueling outage, the Auxiliary Building Special Ventilation System actuated. The system actuated from a steam exclusion signal caused by steam issuing through a blown rupture disk on the boric acid evaporator condenser.

Immediate actions were taken to verify proper actuation of the Auxiliary Building Special Ventilation System and investigate the cause. The initiating event was a closed control valve leaking steam to the boric acid evaporator, which was out of service at the time.

Isolating equipment with manual isolation valves, where applicable, will be discussed in operator training to prevent recurrence of this type of event.

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LICENSEE EVENT REPORT (LER) TEXT CONTINUATION

APPROVED OMB NO. 3150-0104

EXPIRES: 8/31/85

FACILITY NAME (1)	DOCKET NUMBER (2)	LER NUMBER (6)			PAGE (3)		
		YEAR	SEQUENTIAL NUMBER	REVISION NUMBER			
Kewaunee Nuclear Power Plant	0500030585	0	11	01	02	OF	02

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

At 1100 on April 7, 1985, with the plant in the Hot Shutdown Operating Mode following a refueling outage, the Auxiliary Building Special Ventilation System (VF) automatically actuated. The system started from a steam exclusion signal caused by steam issuing through a blown rupture disk (RPD) on the boric acid evaporator condenser.

Prior to this event the heating system boiler, which supplies steam to the boric acid evaporator during refueling outages, was secured due to instrument and control problems. The boric acid evaporator package was then isolated from its steam supply by a control valve (V). When the heating boiler was restarted steam leaked by the control valve into the boric acid evaporator package. The boric acid evaporator condenser rupture disk ruptured near 15 psig, as designed, resulting in the following control room alarms (ALM):

"CABLE RUN A FIRE"
"HIGH TEMP STM EXCLUSION CHANNEL ALERT"
"STM EXCL ZN SV AREA ISOLATION"

In addition, a temperature increase was seen on all three channels of steam exclusion zone 7 - Auxiliary Building Vent Outlet.

Immediate actions were taken to verify proper system actuation and investigate the cause. At 1125 the Auxiliary Building Special Ventilation system was reset and normal Auxiliary Building Ventilation was restored.

Isolating equipment with manual isolation valves, where applicable, will be discussed in operator training to prevent recurrence of this type of event.

WISCONSIN PUBLIC SERVICE CORPORATION

P.O. Box 1200, Green Bay, WI 54305



May 10, 1985

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

Gentlemen:

Docket 50-305
Operating License DPR-43
Kewaunee Nuclear Power Plant
Reportable Occurrence 85-011-01

In accordance with the requirements of 10 CFR 50.73, LER 85-011-01 is being submitted. LER 85-011-00 was reportable under 10 CFR 50.73(a)(2)(iv). This information was not included in field 11 on LER 85-011-00; it is included on revision 1.

Very truly yours,

D. C. Hintz
Manager - Nuclear Power

GWH/js
Attach.

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