

## 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) Reactor Trip on Steam Generator 1B Lo-Lo Level																	
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 NA				DOCKET NUMBER(S) 0 5 0 0 0				
0 2	0 8	8 5	8 5	0 0 3	0 0	0 3	0 8	8 5					0 5 0 0 0				
OPERATING MODE (9) N		THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10 CFR 8 (Check one or more of the following) (11)															
POWER LEVEL (10) 0 1 0 5		20.402(b)				20.406(c)				<input checked="" type="checkbox"/> 50.73(a)(2)(iv)				73.71(b)			
		20.406(a)(1)(i)				50.36(c)(1)				<input type="checkbox"/> 50.73(a)(2)(v)				73.71(c)			
		20.406(a)(1)(ii)				50.36(c)(2)				<input type="checkbox"/> 50.73(a)(2)(vii)				OTHER (Specify in Abstract below and in Text, NRC Form 366A)			
		20.406(a)(1)(iii)				50.73(a)(2)(i)				<input type="checkbox"/> 50.73(a)(2)(viii)(A)							
		20.406(a)(1)(iv)				50.73(a)(2)(ii)				<input type="checkbox"/> 50.73(a)(2)(viii)(B)							
		20.406(a)(1)(v)				50.73(a)(2)(iii)				<input type="checkbox"/> 50.73(a)(2)(ix)							
LICENSEE CONTACT FOR THIS LER (12)																	
NAME Richard P. Pulec, Plant Technical Supervisor										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 NPDs		CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NPDs							
SUPPLEMENTAL REPORT EXPECTED (14)										EXPECTED SUBMISSION DATE (15)		MONTH	DAY	YEAR			
<input type="checkbox"/> YES (If yes, complete EXPECTED SUBMISSION DATE)										<input checked="" type="checkbox"/> NO							

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

On February 8, 1985, a plant operating mode change was in progress from 15 percent reactor power to hot shutdown. Following the transfer of steam generator level control from main feedwater to auxiliary feedwater and the manual opening of the main generator output breaker, the indicated water level in the 1B Steam Generator went below the lo-lo level setting (17% narrow range level). This initiated a reactor trip. Plant operating procedures were followed to place the plant in the hot shutdown operating mode. No equipment or system failures contributed to this event and there was no adverse effect on the health and safety of the public.

As corrective action the text description of this event will be routed to plant reactor operators and the training department.

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## LICENSEE EVENT REPORT (LER) TEXT CONTINUATION

APPROVED OMB NO. 3150-0104

EXPIRES: 8/31/85

FACILITY NAME (1)  Kewaunee Nuclear Power Plant	DOCKET NUMBER (2)  0   5   0   0   0   3   0   5	LER NUMBER (6)			PAGE (3)		
		YEAR	SEQUENTIAL NUMBER	REVISION NUMBER			
		8   5	—   0   0   3	—   0   0	0   2	OF	0   2

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

On February 25, 1985, to commence the 1985 Maintenance/Refueling Outage, a Plant Operating Mode Change was in progress from 15 percent reactor power to hot shutdown per Plant procedure, N-0-04, "15 Percent Power to Hot Shutdown Condition." The Control Operator was transferring Steam Generator (SG) Level Control (LC) from Main Feedwater (SJ) to Auxiliary Feedwater (BA) when a Low Seal Flow Alarm was received on the Main Feedwater Pump (P). The Control Operator stopped the Main Feedwater Pump thinking that a more rapid load reduction and full auxiliary feedwater flow would maintain steam generator levels. The reduced flow to the steam generators decreased the Steam Generator Volume to the lo level alarm setpoints. As the plant shutdown continued, the Main Generator (TG) Output Breaker (BKR) was opened; this loss of load caused increased secondary system pressure and decreased the indicated Steam Generator level to the lo-lo level reactor trip setting. The reactor trip was followed by the immediate operator actions of procedure E-0-04, "Turbine and Reactor Trip," and the plant was placed in the hot shutdown operating mode. No equipment or system failures contributed to this event, and there was no adverse effect on the health and safety of the public.

The Control Operator has been advised to investigate the cause of the Low Seal Flow Alarm prior to stopping the Feedwater Pump in the future and that the Auxiliary Feedwater System is only capable of providing feedwater flow equivalent to 2-3 percent reactor power. This event description will be routed to the plant reactor operators and the Training department. Reference LER 84-10.

## WISCONSIN PUBLIC SERVICE CORPORATION

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



March 8, 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 85-003-00

In accordance with the requirements of 10 CFR 50.73 "Licensee Event Report System", the attached Licensee Event Report for reportable occurrence 85-003-00 is being submitted.

Very truly yours,

A handwritten signature in dark ink, appearing to read "DCH".

D. C. Hintz  
Manager - Nuclear Power

GWH/js

Attach.

cc - INPO Records Center  
Suite 1500, 1100 Circle 75 Parkway  
Atlanta, GA 30339  
Mr. Robert Nelson, NRC Resident Inspector  
RR #1, Box 999, Kewaunee, WI 54216  
Mr. S. A. Varga, Chief  
US NRC, Washington, DC 20555  
Mr. J. G. Keppler, Regional Administrator  
Region III, US NRC, 799 Roosevelt Road  
Glen Ellyn, IL 60137

Handwritten initials "LK22" with a vertical line drawn through the middle of the "22".