

(PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

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7	8	9	LICENSEE CODE					14	15	LICENSE NUMBER										25	26	LICENSE TYPE					30	57	CAT	58			59

CONT

0	1
7	8

REPORT SOURCE

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60	61									68	69					74		75						80
DOCKET NUMBER										EVENT DATE								REPORT DATE						

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

02 | During a routine calibration check of pressurizer level instrumentation,
03 | it was found that one of three channels had drifted beyond the range
04 | allowed by the Technical Specifications. With the failure of one other
05 | instrument, this situation would have caused a pressurizer high level
06 | trip at 96.42% vice 95% as required. This event is reportable in
07 | accordance with Technical Specification 15.6.9.2.B.1.

08 | _____ 80

09		SYSTEM CODE		CAUSE CODE		CAUSE SUBCODE		COMPONENT CODE				COMP. SUBCODE		VALVE SUBCODE											
I E		E		G		I N S T R U				T		Z													
11		12		13		14				15		16													
EVENT YEAR		SEQUENTIAL REPORT NO.		OCCURRENCE CODE		REPORT TYPE		REVISION NO.																	
8 1		0 0 6		0 3		L		0																	
17		21		22		23		24		25		26		27		28		29		30		31		32	
ACTION TAKEN		FUTURE ACTION		EFFECT ON PLANT		SHUTDOWN METHOD		HOURS		ATTACHMENT SUBMITTED		NPRD-4 FORM SUB.		PRIME COMP. SUPPLIER		COMPONENT MANUFACTURER									
E G		Z		Z		0 0 0 0		Y		N		N		F 1 8 0											
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33		34		35		36		37		40		41		42		43		44		47					

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

1 0 The event was attributed to zero drift of the level transmitter
1 1 calibration. The instrument was adjusted and returned to service. A
1 2 new calibration procedure is being formalized that will aid in
1 3 preventing recurrence of a large zero drift in the pressurizer level
1 4 instruments.

7 8 9 FACILITY STATUS % POWER OTHER STATUS (30) METHOD OF DISCOVERY DISCOVERY DESCRIPTION (32)

1 5 E (28) 1 0 0 (29) N/A B (31) Periodic calibration check

7 8 9 10 12 13 44 45 46 80

ACTIVITY CONTENT
RELEASED OF RELEASE AMOUNT OF ACTIVITY (35) LOCATION OF RELEASE (36)

1 6 2 33 34 N/A N/A

7 8 9 10 11 14 45 80

PERSONNEL EXPOSURES									
NUMBER			TYPE	DESCRIPTION					
1	7	0	0	0	(37) Z	(38) N/A	(39)		

PERSONNEL INJURIES										
NUMBER				DESCRIPTION						
1	8	0	0	0	40	N/A				

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1		9		Z		42	
						N/A	

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PDR ADDCK 05000301
S PDR

PUBLICITY
ISSUED DESCRIPTION (45)
2 0 N (44) N/A

NRC USE ONLY

NAME OF PREPARER C. W. Fay

PHONE: 414/277-2811

ATTACHMENT TO LICENSEE EVENT REPORT NO. 81-006/03L-0

Wisconsin Electric Power Company
Point Beach Nuclear Plant Unit 2
Docket No. 50-301

During a routine check of pressurizer level instruments on August 3, 1981, it was found that the zero setpoint of all three instruments had drifted low. Two of the channels remained within the range allowed by the Technical Specification, but the channel associated with LT-428 had drifted beyond the required limit. This drift is nonconservative with respect to the Technical Specification, which requires the trip signal to be initiated at 95%. The actual setpoint is set conservatively at 90%. The total drift of 6.42% low would have caused the instrument to give an input to the reactor trip circuitry at an actual level of 96.42%. The reactor trip affected is caused by two of three of the instruments exceeding the high level setpoint.

Normal calibration of the level transmitter is done while in cold shutdown and checked while at power by channel comparison checks and correlation with indication of the cold calibration channel. Zero drift of the cold calibration channel can be checked at power. The out-of-specification condition was corrected using a calibration procedure which adjusts the zero point of the transmitter based on these comparison checks and cold channel drift. Future occurrences will be prevented by formalizing the zero-point calibration procedure and periodically checking instruments for early indication of calibration drift.

This event is reportable in accordance with Technical Specification 15.6.9.2.B.1 as a 30-day report. The resident inspector was informed and similar channels in Unit 1 were checked for indications of transmitter zero calibration drift.