

CONTROL BLOCK:

						(1)
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0	1	W	1	P	B	H	Z	2	0	0	-	0	0	0	0	0	-	0	0	3	4	1	1	1	1	4			!	5								
7	8	9							14							25							30							57							58	
		LICENSEE CODE							LICENSE NUMBER														LICENSE TYPE															

CON'T

REPORT
SOURCE

60 L 61 0 5 0 0 0 3 0 1 68 7 0 8 1 7 8 3 74 8 0 9 1 1 6 8 3 80 9

DOCKET NUMBER EVENT DATE REPORT DATE

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (19)

0 2 During normal operation, inservice test IT-04 was conducted to determine
0 3 the operability of the RHR pumps. As a result of this test, RHR pump
0 4 2P10B was declared out of service due to high bearing vibration levels.
0 5 This placed the unit into a degraded mode of operation permitted by the
0 6 limiting condition defined in Technical Specification 15.3.3.A.3.a.

0	7	
0	8	

09		SYSTEM CODE R H		11	CAUSE CODE E		12	CAUSE SUBCODE B		13	COMPONENT CODE P U M P X X				14	COMP. SUBCODE B		15	VALVE SUBCODE Z		16					
7	8	9	10		11		12		13					18		19		20								
17		LER/RO REPORT NUMBER		EVENT YEAR 8 3		21	22	SEQUENTIAL REPORT NO. C 0 9		24	26	OCCURRENCE CODE 0 3		28	29	REPORT TYPE L		30	REVISION NO. 0		32					
ACTION TAKEN A		18	FUTURE ACTION Z		19	EFFECT ON PLANT Z		20	SHUTDOWN METHOD Z		21	HOURS 0 0 0 0		22	ATTACHMENT SUBMITTED Y		23	NPRD-4 FORM SUB. Y		24	PRIME COMP. SUPPLIER N		25	COMPONENT MANUFACTURER P 0 2 5		26
33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

1 0 | The cause of the high vibrations is uncertain at this time. Some
1 1 | bearing roughness was noted upon disassembly of the pump. Corrective
1 2 | action consisted of replacement of the failed pump.
1 3 |
1 4 |

8 9
FACILITY STATUS (1) 5 (E) (28) 10 11 12 13
% POWER (1) 0 0 (29) N/A OTHER STATUS (30)
7 8 9 10 11 12 13 44

45 46 80
METHOD OF DISCOVERY (B) (31) Routine in service testing DISCOVERY DESCRIPTION (32)

2 3 4 5 6 7 8 9 10 11 12 13 44
ACTIVITY CONTENT RELEASED OF RELEASE (1) 6 (Z) (33) 10 11 12 13
AMOUNT OF ACTIVITY (35) (Z) (34) N/A

45 80
N/A LOCATION OF RELEASE (36)

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

83080

LOSS OF OR DAMAGE TO FACILITY (43)
TYPE DESCRIPTION
1 9 7 8 9 10
2 (42) N/A
S PDR ADDCK 05000301 PDR
80

PUBLICATION										NRC USE ONLY									
ISSUED		DESCRIPTION																	
2	0	N	44	N/A															
7	8	9	10																

NRC USE ONLY

NAME OF PREPARER C. W. Fay

PHONE: 414/271-2811

00 617-926

ATTACHMENT TO LICENSEE EVENT REPORT NO. 83-009/031-0

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

On August 17, 1983, at 0414 hours, residual heat removal (RHR) pump 2P10B was declared out of service due to high bearing vibration levels. The out of service determination was made as a result of data obtained during monthly inservice test IT-04. This test procedure is based on ASME Code Section XI, Article IWP-3000.

This event placed the unit into a degraded mode of operation (one RHR pump available) which is permitted for 24 hours by the limiting condition for operation defined in Technical Specification 15.3.3.A.3.a, and is reportable under Technical Specification 15.6.9.2.B.2.

RHR pump 2P10B was replaced on July 1, 1983 due to seal leakage. This replacement took place during a Unit 2 refueling outage. The pump which was removed was subsequently overhauled and placed in stock as a spare.

The replacement pump was tested (per IT-04) from 1618 to 1757 hours on July 1, 1983, and showed vibration levels in the alert range based on the baseline data for the previous pump. Inservice test IT-04 was repeated on July 16, 1983 (2-week interval based on alert range data) and all bearing vibration levels were below the alert level based on baseline data for the previous pump. It should be noted that the vibration instruments were recalibrated during the 2-week interval. RHR pump 2P10B was retested per IT-04 on August 16, 1983 (one month interval based on acceptable range data) from 0359 to 0421 hours and showed horizontal vibration levels in the action-required range on both pump bearings. A retest was requested using different vibration monitors as allowed by ASME Section XI IWP-3230(d). The retest was conducted from 0334 to 0356 hours on August 17, 1983. The vibration levels were above the levels measured during the previous test and were all in the action-required range. The auxiliary operator who conducted the test stated that the pump seemed to be vibrating excessively based on past experience. At 0414 hours on August 17, 1983, pump 2P10B was declared out of service. Inservice test IT-04 was completed at 0447 hours on 2P10A to ensure that 2P10A was available while 2P10B was out of service. Maintenance personnel began work on 2P10B after 2P10A had been tested. At 1650 hours on August 17, 1983, 2P10B was released by Maintenance for testing. The repair consisted of replacing the pump with the now rebuilt pump which was removed July 1, 1983. At 2050 hours on August 17, 1983, 2P10B was declared back in service based on the successful completion of IT-04.

The cause of the high vibrations is uncertain at this time. Some bearing roughness was noted upon disassembly of the pump but it is not known if this was the sole cause of the vibrations. An evaluation is continuing to determine the cause(s) of the high vibrations.



Wisconsin Electric POWER COMPANY
231 W. MICHIGAN, P.O. BOX 2046, MILWAUKEE, WI 53201

DMB

September 16, 1983

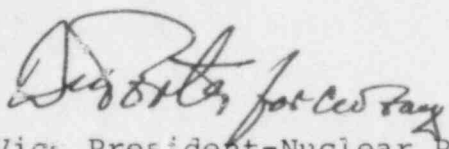
Mr. J. G. Keppler, Regional Administrator
Office of Inspection and Enforcement,
Region III
U. S. NUCLEAR REGULATORY COMMISSION
799 Roosevelt Road
Glen Ellyn, Illinois 60137

Dear Mr. Keppler:

DOCKET NO. 50-301
LICENSEE EVENT REPORT NO. 83-009/03L-0
POINT BEACH NUCLEAR PLANT, UNIT 2

Enclosed is Licensee Event Report No. 83-009/03L-0
(a 30-day report) with an attachment which provides a description
of an event reportable in accordance with Technical Specification
15.6.9.2.B.2, "Conditions leading to operation in a degraded mode
permitted by a limiting condition for operation or plant shutdown
required by a limiting condition for operation."

Very truly yours,


Vice President-Nuclear Power

C. W. Fay

Enclosure

Copy to NRC Resident Inspector

SEP 19 1983

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