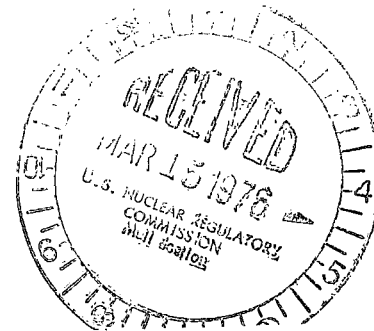
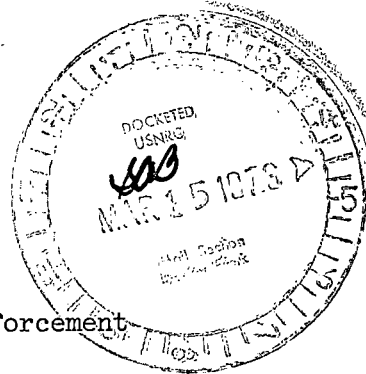




**Consumers
Power
Company**

General Offices: 212 West Michigan Avenue, Jackson, Michigan 49201 • Area Code 517 788-0550

March 10, 1976



Mr James G. Keppler
Office of Inspection Enforcement
Region III
US Nuclear Regulatory Commission
799 Roosevelt Road
Glen Ellyn, IL 60137

DOCKET 50-255, LICENSE DPR-20
PALISADES PLANT, ER-76-06
CRDM CLUTCH BEARINGS

Attached is a reportable occurrence which relates to the Palisades Plant. This occurrence has been classified as the performance of a component that requires remedial action or corrective measures to prevent operation in a manner less conservative than assumed in the accident analysis, safety analysis or Technical Specifications basis. It should be further noted that the event date (March 4, 1976) is the date when it was determined that this occurrence was reportable.

David A. Bixel
Assistant Nuclear Licensing Administrator

2627

MAR 1 1976

13

LICENSEE EVENT REPORT

CONTROL BLOCK:

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1 6

[PLEASE PRINT ALL REQUIRED INFORMATION]

LICENSEE NAME					LICENSE NUMBER										LICENSE TYPE					EVENT TYPE				
01	M	I	P	A	L	1	0	0	-	0	0	0	0	0	-	0	0	4	1	1	1	1	0	1
7	8	9				14	15										25	26				30	31	32

REPORT TYPE		REPORT SOURCE	DOCKET NUMBER						EVENT DATE					REPORT DATE									
01	CONT	T	L	0	5	0	-	0	2	5	5	0	3	0	4	7	6	0	3	0	9	7	6
7	8	57	58	59	60	61					68	69				74	75					80	

EVENT DESCRIPTION

02 During replacement of CRDM clutch coils, it was observed, on several CRDM clutches,
7 8 9 80
03 that the inner bearing of the clutch (Part No CND-SE-3998-22 on CE Dwg CND-SE-3998)
7 8 9 80
04 would not rotate when turned by hand and a number of others did not rotate freely.
7 8 9 80
05 (ER 76-006)
7 8 9 80
06
7 8 9 80
DDMF

SYSTEM CODE		CAUSE CODE	COMPONENT CODE					COMPONENT SUPPLIER	COMPONENT MANUFACTURER				VIOLATION		
0	7	R B	B	C	R	D	R	V	E	N	C	4	9	0	N
7	8	9	10	11	12				17	43	44			47	48

CAUSE DESCRIPTION

08	Bearing degradation appears to be the result of overheating. Rod drop time measure-	80
7 8 9		
09	ments have been within specification limits during required tests. Although not	80
7 8 9		
10	timed during the last shutdown, all rods dropped into the core. All bearings were.	80
7 8 9		

	FACILITY STATUS	% POWER	OTHER STATUS	METHOD OF DISCOVERY	DISCOVERY DESCRIPTION	
[1][1]	[H]	[0][0][0]	NA	[C]	Special Test Inspection	
78	9	1012	13	44	46	80

FORM OF ACTIVITY RELEASED CONTENT OF RELEASE AMOUNT OF ACTIVITY LOCATION OF RELEASE

1 2 Z Z NA NA

7 8 9 10 11 44 45 80

PERSONNEL EXPOSURES

NUMBER			TYPE	DESCRIPTION
1	3	0 0 0	Z	NA

PERSONNEL INJURIES

NUMBER			DESCRIPTION
1	4	000	NA

PROBABLE CONSEQUENCES

Continued degradation could result in inoperable CRDM (failure to drop).

LOSS OR DAMAGE TO FACILITY

TYPE			DESCRIPTION
16	Z		NA

PUBLICITY

17	NA
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ADDITIONAL FACTORS

18 (Cause Contd) replaced, the CRD ventilation will be improved, and an appropriate

19 inspection and/or test will be conducted at the next refueling outage.