



**Consumers
Power
Company**

General Offices: 212 West Michigan Avenue, Jackson, Michigan 49201 • (517) 788-0550

July 29, 1980

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

DOCKET 50-255 - LICENSE DPR-20 -
PALISADES PLANT - LICENSEE EVENT
REPORT 80-020 - MISALIGNED CONTROL ROD

On the reverse side is Licensee Event Report 80-020 which is reportable under Technical Specification 6.9.2.B.2; however, 24 hour notification was made under Technical Specification S-5.1.

David P Hoffman
Nuclear Licensing Administrator

CC Director, Office of Nuclear Reactor Regulation
Director, Office of Inspection and Enforcement
NRC Resident Inspector - Palisades

JUL 31 1980

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111

CONTROL BLOCK:

						(1)
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 (PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

01	M	I	P	A	L	1	2	0	0	-	0	0	0	0	0	-	0	0	3	4	1	1	1	1	4	5																											
LICENSEE CODE										LICENSE NUMBER										LICENSE TYPE					CAT 58																												
CONT		REPORT SOURCE		L		6		0		5		0		0		0		2		5		5		7		0		7		1		1		8		0		8		0		7		2		9		8		0		9	
EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)																																																					
Following control rod manipulations during normal power operation,																																																					
CRDM No 39 drove in approx 39 inches. As a result, the rod was																																																					
misaligned from the remaining rods in its group for about 5 minutes.																																																					
Immediate action consisted of halting rod inward motion, manual exercising																																																					
of the CRDM "down" contractors, and pulling rod to its required position.																																																					
Reportable per TS S-5.1 and 3.10.4c. Similar event occurred on July 24,																																																					
1980, but did not result in misaligned rod.																																																					
SYSTEM CODE CAUSE CODE CAUSE SUBCODE COMPONENT CODE COMP. SUBCODE VALVE SUBCODE																																																					
R B (11) E (12) A (13) C R D R I V E (14) Z (15) Z (16)																																																					
LER/RO REPORT NUMBER EVENT YEAR SEQUENTIAL REPORT NO. OCCURRENCE CODE REPORT TYPE REVISION NO.																																																					
X (17) 8 0 (18) 0 (19) 0 2 0 (20) / (21) 0 1 1 (22) T (23) - (24) 0																																																					
ACTION TAKEN FUTURE ACTION EFFECT ON PLANT SHUTDOWN METHOD HOURS ATTACHMENT SUBMITTED NPD-4 FORM SUB. PRIME COMP. SUPPLIER COMPONENT MANUFACTURER																																																					
X (25) X (26) Z (27) Z (28) 0 0 0 0 (29) N (30) N (31) N (32) C 4 9 0 (33)																																																					
CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (34)																																																					
CRDM control relay armatures and up/down contractor interlock were dirty,																																																					
causing them to stick. Contactors and interlock for CRDM 39 have been																																																					
cleaned and lubricated. Cleaning and lubrication of remaining contactors																																																					
is in progress. A PM to perform this function on a refueling cycle is																																																					
being developed.																																																					
FACILITY STATUS % POWER OTHER STATUS METHOD OF DISCOVERY DISCOVERY DESCRIPTION																																																					
E (34) 0 3 0 (35) N A (36) A (37) Operator Observation (38)																																																					
ACTIVITY CONTENT RELEASED OF RELEASE AMOUNT OF ACTIVITY LOCATION OF RELEASE																																																					
Z (39) Z (40) N A (41) N A (42)																																																					
PERSONNEL EXPOSURES NUMBER TYPE DESCRIPTION																																																					
0 0 0 (43) Z (44) N A (45)																																																					
PERSONNEL INJURIES NUMBER DESCRIPTION																																																					
0 0 0 (46) N A (47)																																																					
LOSS OF OR DAMAGE TO FACILITY TYPE DESCRIPTION																																																					
Z (48) N A (49)																																																					
PUBLICITY ISSUED DESCRIPTION																																																					
N (50) N A (51)																																																					
NRC USE ONLY																																																					