



**Consumers
Power
Company**

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

October 2, 1978

REGULATORY DOCKET FILE COPY

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

DOCKET 50-255 - LICENSE DPR-20 -
PALISADES PLANT - LER - 78-031

Licensee Event Report 78-031, which is reportable under Special Technical
Specification S-5.1, is on the reverse side.

David P Hoffman (Signed)

David P Hoffman
Assistant Nuclear Licensing Administrator

CC: Director, Office of Nuclear Reactor Regulation
Director, Office of Inspection and Enforcement

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PALISADES

NRC FORM 386 (7-77)

U. S. NUCLEAR REGULATORY COMMISSION

LICENSEE EVENT REPORT

CONTROL BLOCK: (PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

LICENSEE CODE: M I P A L; LICENSE NUMBER: 000-000000-000; LICENSE TYPE: 41111; CAT 58: 4

REPORT SOURCE: L; DOCKET NUMBER: 005000255; EVENT DATE: 091778; REPORT DATE: 100278

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES: During Routine Plant operations, it was discovered that CRDM-39 could not be withdrawn. In order to prevent rod misalignment, rod insertion was blocked by removing the CRDM's control fuses. This rendered the rod inoperable as defined by T.S. 3.10.4. Event reportable under Special Technical Specification S-5.1. Because the rod was able to be tripped (as demonstrated during the following reactor shutdown) shutdown margin requirements were not affected.

SYSTEM CODE: RB; CAUSE CODE: E; CAUSE SUBCODE: A; COMPONENT CODE: CRDRIVE; COMP. SUBCODE: Z; VALVE SUBCODE: Z; EVENT YEAR: 78; SEQUENTIAL REPORT NO.: 031; OCCURRENCE CODE: 01; REPORT TYPE: T; REVISION NO.: 0; ACTION TAKEN: AZ; EFFECT ON PLANT: Z; SHUTDOWN METHOD: Z; HOURS: 0000; ATTACHMENT SUBMITTED: N; NPRO-4 FORM SUB.: Y; PRIME COMP. SUPPLIER: N; COMPONENT MANUFACTURER: C490

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS: The inability to withdraw CRDM-39 was caused by shorting of the motor windings from water which apparently had entered the drive package as a result of seal leakage. The drive package was replaced and the CRDM was restored to normal operation.

FACILITY STATUS: F; % POWER: 025; OTHER STATUS: N/A; METHOD OF DISCOVERY: A; DISCOVERY DESCRIPTION: Operator Observation; ACTIVITY RELEASED: Z; AMOUNT OF ACTIVITY: N/A; LOCATION OF RELEASE: N/A; PERSONNEL EXPOSURES: 000; PERSONNEL INJURIES: 000; LOSS OF OR DAMAGE TO FACILITY: Z; PUBLICITY ISSUED: N

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