



**Consumers  
Power  
Company**

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

August 8, 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 80-023 - CONTAINMENT HIGH  
RADIATION MONITOR

On the reverse side is Licensee Event Report 80-023 which is reportable under  
Technical Specification 6.9.2.B.2.

David P Hoffman  
Nuclear Licensing Administrator

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

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7/1  
AUG 11 1980

LICENSEE EVENT REPORT

CONTROL BLOCK:                      (1) (PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 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 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80  
 0 1 M T P A L L 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

CON'T  
 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 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 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80  
 0 1 REPORT SOURCE L E 0 5 0 0 0 2 5 5 7 0 7 1 0 8 0 8 0 8 8 0 9  
 DOCKET NUMBER EVENT DATE REPORT DATE

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

0 2 Prior to plant startup, RE 1805 and 1807 (Containment high radiation  
 0 3 detectors) were determined to be inoperable. As required by Technical  
 0 4 Specification 3.17, one unit was placed in tripped condition prior to  
 0 5 resuming operation. Condition is degraded mode of operation permitted by  
 0 6 Technical Specification 3.17 and reportable per Technical Specification  
 0 7 16.9.2.B.2.  
 0 8

7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 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 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80  
 0 9 SYSTEM CODE CAUSE CODE CAUSE SUBCODE COMPONENT CODE COMP. SUBCODE VALVE SUBCODE  
 1 B 11 E 12 X 13 I N S T R U 14 E 15 Z 16  
 17 LER/RO REPORT NUMBER EVENT YEAR SEQUENTIAL REPORT NO. OCCURRENCE CODE REPORT TYPE REVISION NO.  
 8 0 2 3 0 3 I 0  
 ACTION TAKEN FUTURE ACTION EFFECT ON PLANT SHUTDOWN METHOD HOURS ATTACHMENT SUBMITTED NPD-4 FORM SUB. PRIME COMP. SUPPLIER COMPONENT MANUFACTURER  
 C 18 Z 19 Z 20 Z 21 0 0 0 0 N 23 Y 24 A 25 V 1 1 5 26

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

1 0 Detector disassembly revealed no apparent failure cause, but high  
 1 1 temperature environment is hypothesized. Both detectors have been  
 1 2 replaced.  
 1 3  
 1 4

7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 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 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80  
 1 5 FACILITY STATUS % POWER OTHER STATUS (30) METHOD OF DISCOVERY DISCOVERY DESCRIPTION (32)  
 G 28 0 0 0 29 NA A 31 Operator Observation  
 1 6 ACTIVITY CONTENT RELEASED OF RELEASE AMOUNT OF ACTIVITY (35) LOCATION OF RELEASE (36)  
 Z 33 Z 34 NA NA  
 1 7 PERSONNEL EXPOSURES NUMBER TYPE DESCRIPTION (39)  
 0 0 0 37 Z 38 NA  
 1 8 PERSONNEL INJURIES NUMBER DESCRIPTION (41)  
 0 0 0 40 NA  
 1 9 LOSS OF OR DAMAGE TO FACILITY TYPE DESCRIPTION (43)  
 Z 42 NA  
 2 0 PUBLICITY ISSUED DESCRIPTION (45)  
 N 44 NA  
 NRC USE ONLY