D. Lankam



## RECULATION DUBART FILE CUPY RECULATION DECEMBER FILE COPY

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

September 19, 1977

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 - ER-77-042 AND ER-77-043 - SG LEVEL INDICATION AND PCS FLOW DETECTION

David P. Hoffman



Attached are two reportable occurrences relating to Palisades Plant reactor protective system instrumentation.

David P Hoffman

Assistant Nuclear Licensing Administrator

CC: ASchwencer, USNRC

, ,	LICENSEE EVENT REPORT
•	Palisades  CONTROL BLOCK: [Please PRINT ALL REQUIRED INFORMATION]
	1 6
	LICENSE LICENSE EVENT NAME LICENSE NUMBER TYPE TYPE
	9 14 15 0 0 0 0 0 0 0 0 4 1 1 1 1 0 3 31 32
01 7 8	REPORT   REPORT   REPORT DATE   REPORT DATE   REPORT DATE   CONT   *   *   L   L   0   5   0   -   0   2   5   5   0   8   1   7   7   7   0   9   1   9   7   7
	EVENT DESCRIPTION
<u>02</u>	On August 17, 1977, a faulty steam generator level indication for the Reactor Pro-
03	tective System (RPS), Channel "C," was detected. A loose connection was found in the
7 8 04	9 80 WA" steam generator level transmitter loop which resulted in a 3.5% high reading for
7 8 05	90 SO Solution less conservative than Technical Specifi-
7 8	9 80
06 7 8	cations limits and, therefore, reportable under TS 6.9.2.b.l. (ER-77-42)  PRIME 80
	COMPONENT CODE   COMPONENT CODE   COMPONENT   COMPONENT   COMPONENT   COMPONENT   COMPONENT   COMPONENT   VIOLATION   I B   Z   J   J   J   Z   J   J   J   J   J
	CAUSE DESCRIPTION    The current loop resistor connection for the signal to the RPS console was loose, yield-
	9 80
09 7 8	ing a total resistance of approximately 104 ohms. This condition resulted in the sig-
	nal being approximately 3.5% high. The connection was tightened (continued on Line 18)
	SO METHOD OF STATUS DISCOVERY DESCRIPTION
11	D OOO Cold Shutdown b NA
7 8	9 10 12 13 44 45 46 80 FORM OF CONTROL
1 2	ACTIVITY CONTENT RELEASE OF RELEASE AMOUNT OF ACTIVITY LOCATION OF RELEASE $Z$ $Z$ $NA$ $NA$
7 8	9 10 11 44 45 80
	PERSONNEL EXPOSURES  NUMBER TYPE DESCRIPTION
13	0 0 0 Z NA
78	9 11 12 13 80 PERSONNEL INJURIES
14	NUMBER DESCRIPTION NA NA
7 8	
	PROBABLE CONSEQUENCES
15 7 8	A low-level trip would have occurred approximately 3 inches below feed ring center line. 80
	LOSS OR DAMAGE TO FACILITY TYPE DESCRIPTION
16	Z
7 8	9 10 80 PUBLICITY
17	None
7 8	· ·
18	ADDITIONAL FACTORS and similar resistor connections were checked for tightness.
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19	
7 8:	9

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