

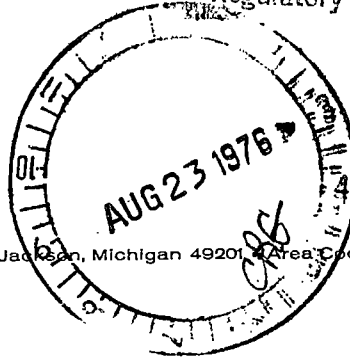


**Consumers  
Power  
Company**

Regulatory

File by:

*D. Larson*



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

August 13, 1976

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-76-24 -  
EXCEEDING PDIL LIMITS

Attached is a reportable occurrence which relates to the Palisades Plant. We believe that this type of occurrence will be resolved through clarification of the present plant Technical Specifications.

*David A. Bixel*

David A. Bixel  
Assistant Nuclear Licensing Administrator

8604

AUG 16 1976

# LICENSEE EVENT REPORT

CONTROL BLOCK: 

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(PLEASE PRINT ALL REQUIRED INFORMATION)

01	M I P A L I	0 0 - 0 0 0 0 0 - 0 0	4 1 1 1 1	0 1			
7 8 9	14	15	26	31 32			
01 CONT		T	L	0 5 0 - 0 2 5 5	0 7 3 0 7 6	0 8 1 3 7 6	
7 8	57 58	59	60	61	68 69	74 75	80

**EVENT DESCRIPTION**

02	A main feed pump oil leak forced a rapid reduction in reactor power from 95% to								80
7 8 9									80
03	60% to allow removal of the affected feed pump from service without causing a								80
7 8 9									80
04	plant trip. Power reduction was achieved using boron addition and control rod								80
7 8 9									80
05	insertion. Power dependent insertion limits (PDIL) were exceeded on three occa-								80
7 8 9									80
06	sions during this event, once by 0.7 inch for a period of 1 minute, once by 0.4								80
7 8 9									80

(Contd on Separate Sheet) (ER-76-24)

07	R	B	F	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Y
7 8 9	10	11	12	17	43	44	47	48								

**CAUSE DESCRIPTION**

08	Imminent failure of a main feed pump required a rapid reactor power reduction.								80
7 8 9									80
09									80
7 8 9									80
10									80
7 8 9									80

11	E	0	9	5	NA	a	NA
7 8 9	10	12 13	44	45	46	80	

12	Z	Z	NA	NA	
7 8 9	10	11	44	45	80

**PERSONNEL EXPOSURES**

13	0	0	0	Z	NA
7 8 9	11	12	13	80	

**PERSONNEL INJURIES**

14	0	0	0	NA
7 8 9	11	12	80	

**PROBABLE CONSEQUENCES**

15	None - Evaluation of both shutdown margin and the linear heat generation rate								80
7 8 9									80

**LOSS OR DAMAGE TO FACILITY**

16	Z	NA
7 8 9	10	80

**PUBLICITY**

17	NA
7 8 9	80

**ADDITIONAL FACTORS**

18	(Contd Probable Consequences) indicated that neither limit was exceeded.								80
7 8 9									80

19									80
7 8 9									80

(Contd Event Description ER-76-24)

inch for a period of 1 minute, and once by 1.4 inches for a period of 7 minutes. As stated elsewhere, neither the shutdown margin or linear heat generation rate were exceeded.

A review of our Technical Specifications change submitted dated October 12, 1972 disclosed that it was our intent to permit exceeding the PDIL curve under abnormal conditions which required a rapid power decrease. We conclude that the action taken by the operator was appropriate and that this type of action was considered acceptable during the adoption of the present PDIL curve.

We plan to review this event and propose an appropriate Technical Specifications change which would clarify the acceptability of this type of action.