



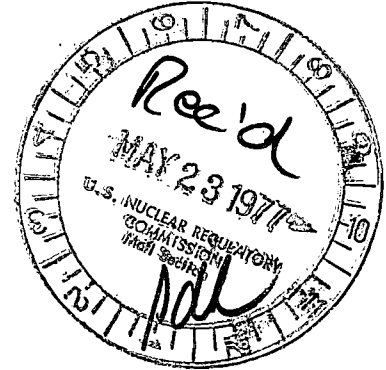
**Consumers  
Power  
Company**

*W. Latham*

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

April 20, 1977

**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 - ER-77-21 AND 77-22 -  
DISCHARGE ABOVE 5°F LIMIT

Attached are two reportable occurrences which involve the discharge of cooling water above the 5°F limit for the Palisades Plant.

*David P. Hoffman*

David P Hoffman  
Assistant Nuclear Licensing Administrator

APR 25 1977

# LICENSEE EVENT REPORT

Palisades

CONTROL BLOCK: \_\_\_\_\_

(PLEASE PRINT ALL REQUIRED INFORMATION)

LICENSEE NAME: 01 M I P A L I      LICENSE NUMBER: 00-000000-00      LICENSE TYPE: 41111      EVENT TYPE: 04

7 8 9      14 15      25 26      30 31 32

REPORT TYPE: 01 CONT \* \*      REPORT SOURCE: L      DOCKET NUMBER: 050-0255      EVENT DATE: 040777      REPORT DATE: 042077

7 8      57 58      59 60      61 68      69 74      75 80

**EVENT DESCRIPTION**

02 | During power de-escalation "B" cooling tower bypass valves were closed, causing | 80

03 | the ΔT to be 0.3°F over the 5°F limit for 5 minutes, while in hot standby the "B" | 80

04 | cooling tower pump was shut down resulting in the ΔT to be 2.1°F over the limit | 80

05 | for 5 minutes. | 80

06 | \_\_\_\_\_ | 80

(ER-77-21)

SYSTEM CODE: H F      CAUSE CODE: F      COMPONENT CODE: Z Z Z Z Z Z      PRIME COMPONENT SUPPLIER: A      COMPONENT MANUFACTURER: Z Z Z Z      VIOLATION: Y

7 8 9 10 11 12 17 43 44 47 48

**CAUSE DESCRIPTION**

08 | This event was related to closing "B" power bypass valve and stopping "B" cooling | 80

09 | tower pump. NPDES limits were not exceeded. | 80

10 | \_\_\_\_\_ | 80

FACILITY STATUS: D      % POWER: 035      OTHER STATUS: To Hot Standby      METHOD OF DISCOVERY: a      DISCOVERY DESCRIPTION: NA

7 8 9 10 12 13 44 45 46 80

FORM OF ACTIVITY RELEASED: Z      CONTENT OF RELEASE: Z      AMOUNT OF ACTIVITY: NA      LOCATION OF RELEASE: NA

7 8 9 10 11 44 45 80

**PERSONNEL EXPOSURES**

13 | NUMBER: 000      TYPE: Z      DESCRIPTION: NA | 80

7 8 9 11 12 13 80

**PERSONNEL INJURIES**

14 | NUMBER: 000      DESCRIPTION: NA | 80

7 8 9 11 12 80

**PROBABLE CONSEQUENCES**

15 | None | 80

7 8 9 80

**LOSS OR DAMAGE TO FACILITY**

16 | TYPE: Z      DESCRIPTION: NA | 80

7 8 9 10 80

**PUBLICITY**

17 | \_\_\_\_\_      NA | 80

7 8 9 80

**ADDITIONAL FACTORS**

18 | \_\_\_\_\_      NA | 80

7 8 9 80

19 | \_\_\_\_\_ | 80

7 8 9 80

# LICENSEE EVENT REPORT

Palisades

CONTROL BLOCK: 

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[PLEASE PRINT ALL REQUIRED INFORMATION]

LICENSEE NAME						LICENSE NUMBER										LICENSE TYPE					EVENT TYPE				
01	M	I	P	A	L	1	0	0	-	0	0	0	0	0	0	-	0	0	4	1	1	1	1	0	4
7	8	9	14	15	25	26	30	31	32																
REPORT TYPE			REPORT SOURCE		DOCKET NUMBER					EVENT DATE					REPORT DATE										
01	CONT	*	*	T	L	0	5	0	-	0	2	5	5	0	4	0	8	7	7	0	4	2	0	7	7
7	8	57	58	59	60	61	68	69	74	75						80									

### EVENT DESCRIPTION

02	During power escalation "B" cooling tower pump was started, resulting in a ΔT that																							80
03	averaged 3°F over the 5°F limit for 10 minutes. The maximum ΔT was 6.6°F over the																							80
04	limit.																							80
05																								80
06	(ER-77-22)																							80

SYSTEM CODE		CAUSE CODE		COMPONENT CODE				PRIME COMPONENT SUPPLIER		COMPONENT MANUFACTURER				VIOLATION		
07	H	F	F	Z	Z	Z	Z	Z	Z	A	Z	Z	Z	Z	Y	
7	8	9	10	11	12	13	14	15	16	17	43	44	45	46	47	48

### CAUSE DESCRIPTION

08	This event was related to the starting of "B" cooling tower pump. NPDES limits																							80
09	were not exceeded.																							80
10																								80

FACILITY STATUS		% POWER			OTHER STATUS				METHOD OF DISCOVERY		DISCOVERY DESCRIPTION																																																														
11	C	0	5	0	Power Escalation				a	NA																																																															
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

FORM OF ACTIVITY RELEASED		CONTENT OF RELEASE		AMOUNT OF ACTIVITY				LOCATION OF RELEASE																																																																	
12	Z	Z	NA				NA																																																																		
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

### PERSONNEL EXPOSURES

NUMBER		TYPE		DESCRIPTION																																																																					
13	0	0	0	Z	NA																																																																				
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

### PERSONNEL INJURIES

NUMBER		DESCRIPTION																																																																							
14	0	0	0	NA																																																																					
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

### PROBABLE CONSEQUENCES

15	None																							80
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### LOSS OR DAMAGE TO FACILITY

TYPE		DESCRIPTION																																																																							
16	Z	NA																																																																							
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

### PUBLICITY

17	NA																							80
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### ADDITIONAL FACTORS

18	NA																							80
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19																								80
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