



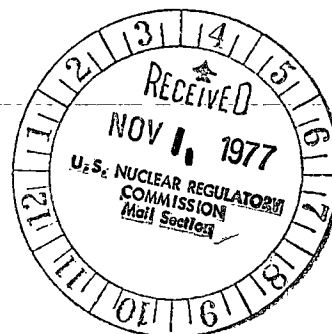
**Consumers
Power
Company**

D. Lankam
REGULATORY DOCKET FILE COPY

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

October 18, 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-77-046, ER-77-048
AND CORRECTED ER-77-045

Attached are two 30-day reportable occurrences, ER-77-046 and ER-77-048 which relate to a service water pump check valve failure and improper primary coolant low flow instrument settings. Event Report 77-045 is being corrected to replace improper terminology "seal bladder" with the term "seal ring" because the valve in question does not have inflatable seals.

Event Report 77-048 is being submitted after the 30-day reporting deadline of September 15, 1977 because it was not classified as reportable until October 4, 1977.

David P. Hoffman

David P Hoffman
Assistant Nuclear Licensing Administrator

CC: ASchwencer, USNRC

OCT 20 1977

Palisades

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EVENT DESCRIPTION

SYSTEM CODE		CAUSE CODE	COMPONENT CODE					COMPONENT SUPPLIER	COMPONENT MANUFACTURER				VIOLATION	
W	A	E	V	A	L	V	E	X	A	C	2	5	5	N
9	10	11	12					17	43	44			47	48

08	7	8	9	Check valve flapper stuck shut due to corroded hinge pin (CHAPMAN 16-inch split	80
09	7	8	9	body check valve). Annual PM to inspect and lubricate valve is expected to prevent	80
00	7	8	9	recurrence	80

1		2		3		4		5		6		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	
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																					
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11		12		13		14		15		16		17		18																																																																																																																																																	

NUMBER			TYPE	DESCRIPTION	
13	0	0	0	Z	N/A

NUMBER			DESCRIPTION
14	0	0	N/A

15	N/A
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TYPE			DESCRIPTION
16	Z		N/A

17	N/A
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18	N/A
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19 7 8 9 80

[PLEASE PRINT ALL REQUIRED INFORMATION]

19 | _____ 80

CORRECTED
LICENSEE EVENT REPORT

Palisades

CONTROL BLOCK:

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01	7	8	9	M	I	P	A	L	I	1	14	0	0	-	0	0	0	0	-	0	0	25	4	1	1	1	1	30	0	1	31	32		
				REPORT TYPE		REPORT SOURCE		DOCKET NUMBER				EVENT DATE				REPORT DATE																		
01	7	8	9	CON'T	*	*	57	58	T	L	60	0	5	0	-	0	2	5	5	68	0	9	1	6	7	7	74	0	9	2	9	7	7	80

EVENT DESCRIPTION

02	7	8	9	Investigation has revealed that loss of the air supply to the containment building																									80
03	7	8	9	purge isolation valves (CV-1803, -1805, -1806, -1807, -1813 and -1814) will result																									80
04	7	8	9	in depressurization of the seal rings which could cause loss of containment integrity.																									80
05	7	8	9	This failure mode had not been considered in the FSAR. Seal pressures are being																									80
06	7	8	9	checked once per shift to verify operability of seal ring air supply. (ER-77-045)																									80
				corrected																									80

07	7	8	9	10	11	12	13	14	15	16	17	43	44	45	46	47	48		
SYSTEM CODE		CAUSE CODE		COMPONENT CODE								PRIME COMPONENT SUPPLIER		COMPONENT MANUFACTURER				VIOLATION	
S	D	B	V	A	L	V	E	X	A	C	5	8	7	N					

CAUSE DESCRIPTION

08	7	8	9	The valves (Continental Equip/Type 9220) are not provided with a redundant air																									80
09	7	8	9	supply to maintain seal ring pressure. A redundant air source will be provided as																									80
10	7	8	9	soon as feasible.																									80

11	7	8	9	10	11	12	13	14	15	16	17	44	45	46	47	48	49	50
FACILITY STATUS		% POWER		OTHER STATUS				METHOD OF DISCOVERY				DISCOVERY DESCRIPTION						
E	1	0	0	N/A				C	N/A									

12	7	8	9	10	11	12	13	14	15	16	17	44	45	46	47	48	49	50
FORM OF ACTIVITY RELEASED		CONTENT OF RELEASE		AMOUNT OF ACTIVITY				LOCATION OF RELEASE										
Z	Z	N/A				N/A												

PERSONNEL EXPOSURES

13	7	8	9	10	11	12	13
NUMBER		TYPE		DESCRIPTION			
0	0	0	Z	N/A			

PERSONNEL INJURIES

14	7	8	9	10	11	12
NUMBER		DESCRIPTION				
0	0	0	N/A			

PROBABLE CONSEQUENCES

15	7	8	9	N/A																									80
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LOSS OR DAMAGE TO FACILITY

16	7	8	9	10
TYPE		DESCRIPTION		
Z	N/A			

PUBLICITY

17	7	8	9	N/A																									80
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ADDITIONAL FACTORS

18	7	8	9	N/A																									80
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19	7	8	9																										80
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