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FILE NUMBER
INCIDENT REPORT

TO: J.G. KEPPLER

FROM: WISCONSIN PUBLIC SVC. CORP.
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PROP

INPUT FORM

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DESCRIPTION

LTR. TRANS THE FOLLOWING.....

ACKNOWLEDGED**DO NOT REMOVE**

PLANT NAME: KEWAUNEE

(1P)

ENCLOSURE

LICENSEE EVENT REPORT FOR R.O.# 77-4, ON 1/17/
77 CONCERNING THE SOURCE RANGE DETECTORS
BEING RE-ENERGIZED.....LICENSEE EVENT REPORT FOR R.O.# 77-5, ON 1/17/
77 CONCERNING THE 1A CHARGING PUMP FAILING TO
INCREASE SPEED.....LICENSEE EVENT REPORT FOR R.O.# 77-6, ON 1/17/
77 CONCERNING BLOWDOWN ISOLATION VALVE BT-3A
BEING ATTEMPTED TO BE CLOSED.....

(1 SIGNED CY. RECEIVED)

(3P)

NOTE: IF PERSONNEL EXPOSURE IS INVOLVED
SEND DIRECTLY TO KREGER/J. COLLINS

FOR ACTION/INFORMATION

SAB 3/8/77

BRANCH CHIEF:

SCHWENCER

W/3 CYS FOR ACTION

LIC. ASST.:

SHEPPARD

W/ CYS

ACRS 16 CYS ~~XXXXXX~~ SENT CAT "B"

INTERNAL DISTRIBUTION

REG FILE

NRC PDR

I & E (2)

MIPC

SCHROEDER/IPPOLITO

HOUSTON

NOVAK/CHECK

GRIMES

CASE

BUTLER

HANAUER

TEDESCO/MACCARY

EISENHUT

BAER

SHAO

VOLLMER/BUNCH

KREGER/J. COLLINS

EXTERNAL DISTRIBUTION

LPDR: KEWAUNEE, WIS.

TIC:

NSIC:

CONTROL NUMBER

2244

Regulatory

File Cy

W. James

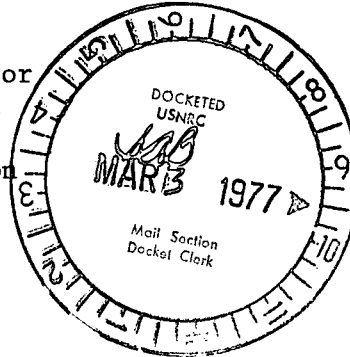
WISCONSIN PUBLIC SERVICE CORPORATION



P.O. Box 1200, Green Bay, Wisconsin 54305

February 17, 1977

Mr. J. G. Keppler, Regional Director
Office of Inspection & Enforcement
Region III
U. S. Nuclear Regulatory Commission
799 Roosevelt Road
Glen Ellyn, IL 60137



Dear Mr. Keppler:

Subject: Docket 50-305
Operating License DPR-43
Reportable Occurrences RO 77-4, RO 77-5 and RO 77-6

In accordance with the requirements of Technical Specifications,
Section 6.9, the attached Licensee Event Reports for reportable occurrences
RO 77-4, RO 77-5 and RO 77-6 are submitted.

Very truly yours,

E. W. James

E. W. James
Senior Vice President
Power Supply & Engineering

EWJ:sna

Attach.

cc - Dir, Office of Inspection & Enforcement
US NRC, Washington, D. C. 20555
Dir, Office of Management Info & Program Control
US NRC, Washington, D. C. 20555

2244

FEB 22 1977

LICENSEE EVENT REPORT

CONTROL BLOCK:

(PLEASE PRINT ALL REQUIRED INFORMATION)

LICENSEE NAME		LICENSE NUMBER		LICENSE TYPE		EVENT TYPE	
01	W I K N P 1	0 0 - 0 0 0 0 0 0 - 0 0	4 1 1 1 1	9 9			
7 8 9	14	15	25	26	30	31	32

CATEGORY		REPORT TYPE		REPORT SOURCE		DDCKET NUMBER		EVENT DATE		REPORT DATE	
01	CON'T	L	L	0 5 0 - 0 3 0 5	0 1 1 7 7 7	0 2 1 7 7 7					
7 8	57 58	59	60	61	68	69	74	75	80		

EVENT DESCRIPTION

02	As the reactor was being brought to the hot shutdown condition, the source range de-										
7 8 9	80										
03	tectors were re-energized. Channel N31 failed to respond. The protective circuitry										
7 8 9	80										
04	for that channel was not available, but the redundant channel remained operable.										
7 8 9	80										
05	(RO 77-4)										
7 8 9	80										
06											
7 8 9	80										

SYSTEM CODE		CAUSE CODE		COMPONENT CODE		PRIME COMPONENT SUPPLIER		COMPONENT MANUFACTURER		VIOLATION	
07	I A	E	I N S T R U	N	W 1 2 0	N					
7 8 9	10	11	12	17	43	44	47	48			

CAUSE DESCRIPTION

08	The source range preamplifier and detector had failed. The preamplifier was re-										
7 8 9	80										
09	paired and the detector was replaced and the channel operated properly.										
7 8 9	80										
10											
7 8 9	80										

FACILITY STATUS		% POWER		OTHER STATUS		METHOD OF DISCOVERY		DISCOVERY DESCRIPTION			
11	G	0 0 0	HOT	A	NA						
7 8	9	10	12 13	44	45	46	80				

FORM OF ACTIVITY RELEASED		CONTENT OF RELEASE		AMOUNT OF ACTIVITY		LOCATION OF RELEASE				
12	Z	Z	NA	NA						
7 8	9	10	11	44	45	80				

PERSONNEL EXPOSURES

NUMBER		TYPE		DESCRIPTION	
13	0 0 0	Z	NA		
7 8 9	11	12	13	80	

PERSONNEL INJURIES

NUMBER		DESCRIPTION	
14	0 0 0	NA	
7 8 9	11	12	80

OFFSITE CONSEQUENCES

15	NA
7 8 9	80

LOSS OR DAMAGE TO FACILITY

TYPE		DESCRIPTION	
16	Z	NA	
7 8 9	10	80	

PUBLICITY

17	NA
7 8 9	80

ADDITIONAL FACTORS

18	This is considered an isolated incident and no further action is deemed necessary										
7 8 9	80										
19	at this time.										
7 8 9	80										

NAME: Mark L. Marchi

PHONE: 414/432-3311

LICENSEE EVENT REPORT

CONTROL BLOCK:

[PLEASE PRINT ALL REQUIRED INFORMATION]

LICENSEE NAME	LICENSE NUMBER	LICENSE TYPE	EVENT TYPE
01 W I K N P 1	00-000000-00	41111	99
7 8 9 14	15 25	26 30	31 32

CON'T	CATEGORY	REPORT TYPE	REPORT SOURCE	DOCKET NUMBER	EVENT DATE	REPORT DATE
01 CON'T	 	L	L	050-0305	011777	021777
7 8	57 58	59	60	61 68	69 74	75 80

EVENT DESCRIPTION

02 1A charging pump failed to increase speed. The 1C charging pump was already out of service for repair. Continued operation is allowed by Tech Specs with one operable charging pump for 24 hours. The unit was in hot shutdown less than one hour later. (RO 77-5)

03

04

05

06

SYSTEM CODE	CAUSE CODE	COMPONENT CODE	PRIME COMPONENT SUPPLIER	COMPONENT MANUFACTURER	VIOLATION
07 C G	E	P U M P X X	N	A 1 5 0	N
7 8 9 10	11	12 17	43	44 47	48

CAUSE DESCRIPTION

08 The pump would not change speed due to a broken shifting lever assembly. The pneumatic actuator and shifting lever assembly were replaced and the pump functioned normally.

09

10

FACILITY STATUS	% POWER	OTHER STATUS	METHOD OF DISCOVERY	DISCOVERY DESCRIPTION
11 D	000	NA	A	NA
7 8 9	10 12	13 44	45	46 80

FORM OF ACTIVITY RELEASED	CONTENT OF RELEASE	AMOUNT OF ACTIVITY	LOCATION OF RELEASE
12 Z	Z	NA	NA
7 8 9	10 11	44	45 80

PERSONNEL EXPOSURES

NUMBER	TYPE	DESCRIPTION
13 000	Z	NA
7 8 9 11	12	13 80

PERSONNEL INJURIES

NUMBER	DESCRIPTION
14 000	NA
7 8 9 11	12 80

OFFSITE CONSEQUENCES

15 NA

LOSS OR DAMAGE TO FACILITY

TYPE	DESCRIPTION
16 Z	NA
7 8 9 10	80

PUBLICITY

17 NA

ADDITIONAL FACTORS

18 This is considered an isolated incident and no further action is deemed necessary at this time.

19

NAME: Mark L. Marchi PHONE: 414/432-3311

LICENSEE EVENT REPORT

CONTROL BLOCK: 1 2 3 4 5 6

[PLEASE PRINT ALL REQUIRED INFORMATION]

LICENSEE NAME														LICENSE NUMBER										LICENSE TYPE					EVENT TYPE		
01	W	I	K	N	P	1									0	0	-	0	0	0	0	-	0	0	4	1	1	1	1	9	9
7	8	9				14	15																	25	26				30	31	32

CATEGORY		REPORT TYPE	REPORT SOURCE	DOCKET NUMBER						EVENT DATE					REPORT DATE											
01	CON'T		L	L	0	5	0	-	0	3	0	5	0	1	1	7	7	7	0	2	1	7	7	7	7	
7	8	57	58	59	60	61						68	69					74	75							80

EVENT DESCRIPTION

02	During routine shutdown procedures, blowdown isolation valve BT-3A was attempted																												80
03	to be closed. The valve failed to close completely. The redundant isolation valve																												80
04	was operable and was shut from the control room. (RO 77-6)																												80
05																													80
06																													80

SYSTEM CODE				CAUSE CODE		COMPONENT CODE						PRIME COMPONENT SUPPLIER		COMPONENT MANUFACTURER				VIOLATION	
07	S	D	E	V	A	L	V	E	X	A	E	0	9	5	N				
7	8	9	10	11	12				17	43	44			47	48				

CAUSE DESCRIPTION

08	The valve was turning hard and torqued out early. The packing was loosened and the																												80
09	valve was greased. Subsequent surveillance testing has shown that the valve has																												80
10	functioned properly.																												80

FACILITY STATUS			% POWER			OTHER STATUS			METHOD OF DISCOVERY			DISCOVERY DESCRIPTION									
11	D	0	0	0	NA	A	NA														
7	8	9	10	12	13	44	45	46	60												

FORM OF ACTIVITY RELEASED			CONTENT OF RELEASE			AMOUNT OF ACTIVITY			LOCATION OF RELEASE									
12	Z	Z	NA	NA														
7	8	9	10	11	44	45	80											

PERSONNEL EXPOSURES

NUMBER			TYPE		DESCRIPTION										
13	0	0	0	Z	NA										
7	8	9	11	12	13	80									

PERSONNEL INJURIES

NUMBER			DESCRIPTION											
14	0	0	0	NA										
7	8	9	11	12	80									

OFFSITE CONSEQUENCES

15	NA																												80
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LOSS OR DAMAGE TO FACILITY

TYPE			DESCRIPTION										
16	Z	NA											
7	8	9	10	80									

PUBLICITY

17	NA																												80
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ADDITIONAL FACTORS

18	This is considered an isolated incident and no further action is deemed necessary																												80
19	at this time.																												80

NAME: Mark L. Marchi PHONE: 414/432-3311