

REGULATORY INFORMATION DISTRIBUTION SYSTEM (RIDS)

ACCESSION NBR:8101280535	DOC.DATE: 81/01/22	NOTARIZED: NO	DOCKET #
FACIL:50-305	Kewaunee Nuclear Power Plant, Wisconsin Public Service		05000305
AUTH.NAME	AUTHOR AFFILIATION		
SMOKER,C.S.	Wisconsin Public Service Corp.		
RECIP.NAME	RECIPIENT AFFILIATION		
	Region 3, Chicago, Office of the Director		

SUBJECT: Updated LER 80-041/01X-1: on 801216 during IE Bulletin 79-01B
renew, identified three limit switches not sealed, thereby
susceptible to failure when submerged. Caused by judgement
error during installation. Switches to be sealed.

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	ACC EVAL BR 14		1	1	AEOD		3	3	
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	DIR,HUM FAC S21		1	1	DIR,SYS INTEG22		1	1	
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	I&E 05		2	2	JORDAN,E./IE		1	1	
	LIC GUID BR 30		1	1	LIC QUAL BR 31		1	1	
	MATL ENG BR 32		1	1	MECH ENG BR 33		1	1	
	MPA		3	3	NRC PDR 02		1	1	
	OP EX EVAL BR34		3	3	OR ASSESS BR 35		1	1	
	POWER SYS BR 36		1	1	RAD ASSESS BR39		1	1	
	REACT SYS BR 40		1	1	REG FILE 01		1	1	
	REL & RISK A 41		1	1	SFTY PROG EVA42		1	1	
	STRUCT ENG BR44		1	1	SYS INTERAC B45		1	1	
EXTERNAL:	ACRS 46		16	16	LPDR 03		1	1	
	NSIC 05		1	1	TERA:DOUG MAY		1	1	

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ENCL

WISCONSIN PUBLIC SERVICE CORPORATION



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

January 21, 1981

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:

Docket 50-305
Operating License DPR-43
Reportable Occurrence LER 80-043/01T; Update LER's 80-41 and 80-42

In accordance with the requirements of Technical Specifications, Section 6.9, the attached Licensee Event Report for reportable occurrence LER 80-043/01T-0 is being submitted. Also included are two revised LER's in which changes were made to the future action codes, item 19.

Very truly yours,

E. R. Mathews, Vice President
Power Supply & Engineering

snf

Attach.

cc - Dir, Office of Inspection & Enforcement
US NRC, Washington, DC 20555
Dir, Office Of Mgt Info & Program Control
US NRC, Washington, DC 20555
Mr. W. Lavalley, NSAC
PO Box 10412, Palo Alto, CA 94303
Mr. Robert Nelson, NRC Resident Inspector
RR #1, Box 999, Kewaunee, WI 54216

1981 JAN 20 AM 11 41
PUBLIC SERVICE
JAN 23 1981
A002
5
1/1

LICENSEE EVENT REPORT

CONTROL BLOCK:

(PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

0	1	W	I	K	N	P	1	2	0	0	-	0	0	0	0	0	-	0	0	3	4	1	1	1	1	4			5			
7	8	LICENSEE CODE							14	LICENSE NUMBER										25	LICENSE TYPE					30	CAT					58

CON'T

REPORT SOURCE L 6 0 5 0 0 0 3 0 5 7 1 2 2 3 8 0 8 0 1 2 2 8 1 9

60 61 DOCKET NUMBER 68 69 EVENT DATE 74 75 REPORT DATE 80

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

02 | When attempting to recirculate the boric acid (BA) storage tanks prior to sampling.

03 | 1A BA transfer pump motor tripped on overload. T.S. 3.2.c.2 allows one BA

04 | transfer pump out of service 24 hours, putting the plant under an LCO reportable

[] per T.S. 6.9.2.(b)2. This event is similar to that reported in LER-80-040.

06 | Three methods of supplying borated water to the reactor core were still available.

07 | There was no effect on public safety or plant operation.

0	8	
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8 9

SYSTEM CODE		CAUSE CODE	CAUSE SUBCODE	COMPONENT CODE				COMP. SUBCODE	VALVE SUBCODE		
P	C	E	B	P	U	M	P	X	X	B	Z
7	8	9	10	11	12	13	14	15	16	17	18

9	10	11	12	13	14	15	16	17					
LER/RO REPORT NUMBER		EVENT YEAR		SEQUENTIAL REPORT NO.		OCCURRENCE CODE		REPORT TYPE		REVISION NO.			
(17)		8	0	—	0	4	3	/	0	3	L	—	0
		21	22	23	24	25	26	27	28	29	30	31	32

ACTION TAKEN		FUTURE ACTION		EFFECT ON PLANT		SHUTDOWN METHOD		HOURS				ATTACHMENT SUBMITTED		NPRD-4 FORM SUB.		PRIME COMP. SUPPLIER		COMPONENT MANUFACTURER			
Z	(18)	A	(19)	Z	(20)	Z	(21)	0	0	0	0	N	(23)	Y	(24)	N	(25)	G	2	0	0
33		34		35		36		37			40	41		42		43		44			47

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

10 The pump motor trip on overload has been attributed to BA crystallization in the _____

11 seals during periods of non-use. Seal degradation is evidenced by abnormal seal

1 2 | leakage. This leakage does not prohibit the use of the pump; the pump was

13 | restarted and returned to service within the time limit of T.S. 3.2.c.2. Pump seals

1 4 will be replaced by 2-1-81. No further corrective actions are required.

FACILITY STATUS (28) 1 5 E
% POWER 1 0 0 (29) NA
OTHER STATUS (30)
METHOD OF DISCOVERY (31) A
DISCOVERY DESCRIPTION (32) Abnormal indication

ACTIVITY CONTENT
RELEASED OF RELEASE AMOUNT OF ACTIVITY (35)

1 6 Z 33 Z 34 NA

LOCATION OF RELEASE (36)

NA

PERSONNEL EXPOSURES		TYPE		DESCRIPTION
NUMBER				
1	7	0	0	0
		0	(37)	Z
			(38)	NA

PERSONNEL INJURIES	
NUMBER	DESCRIPTION
1 8 0 0 0	NA

		LOSS OF OR DAMAGE TO FACILITY		(43)
		TYPE	DESCRIPTION	
1	9	Z	NA	

7 8 9 10
PUBLICITY (45)
ISSUED DESCRIPTION (45) N/A
NRC USE ONLY

NRC USE ONLY

NAME OF PREPARER

C. S. Smoker

PHONE: (414) 388-2560

(Update Report - Original Report Date 1-09-81)
(PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

(PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

PHONE: (414) 333-2560

LICENSEE EVENT REPORT

(Update Report - Original Report Date 12/30/80)
 (PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

CONTROL BLOCK: 1 6 1

0 1 W I K N P 1 2 0 0 - 0 0 0 0 0 - 0 0 3 4 1 1 1 1 4 5
 8 9 LICENSEE CODE 14 15 LICENSE NUMBER 25 26 LICENSE TYPE 30 57 CAT 58

CON'T
 0 1 REPORT SOURCE L 6 0 5 0 0 0 3 0 5 7 1 2 1 6 8 0 8 0 1 2 2 8 1 9
 60 61 DOCKET NUMBER 68 69 EVENT DATE 74 75 REPORT DATE 80

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES 10

0 2 During a review of equipment qualifications, as requested by IE Bulletin 79-01B,
 0 3 three limit switches have been identified that are not sealed installations, and may
 0 4 become submerged post-LOCA. In a submerged condition these switches would be sus-
 0 5 ceptible to failure possibly resulting in an inadvertent opening of letdown isolation
 0 6 valves LD-4A/4B/4C upon reset of containment isolation. This event is reportable per
 0 7 T.S. 6.9.2.a(9) and IEB 79-01B. There was no effect on public safety or plant
 0 8 operation.

0 9 SYSTEM CODE P C 11 CAUSE CODE B 12 CAUSE SUBCODE A 13 COMPONENT CODE I N S T R U 14 COMP. SUBCODE S 15 VALVE SUBCODE Z 16
 7 8 9 10 11 12 13 14 15 16 17 18 19 20
 17 LER/RO REPORT NUMBER 8 0 21 22 SEQUENTIAL REPORT NO. 0 4 1 24 26 OCCURRENCE CODE 0 1 28 29 REPORT TYPE X 30 REVISION NO. 1 32
 ACTION TAKEN G 18 FUTURE ACTION X 19 EFFECT ON PLANT Z 20 SHUTDOWN METHOD Z 21 HOURS 0 0 0 0 37 40 ATTACHMENT SUBMITTED N 23 NPRD-4 FORM SUB. N 24 PRIME COMP. SUPPLIER L 25 COMPONENT MANUFACTURER N 0 0 7 26
 33 34 35 36 37 40 41 42 43 44 47

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS 27

1 0 At the date of installation, the requirement to operate in a submerged condition was
 1 1 not evident. To assure proper operation of the above named valves, the control opera-
 1 2 tors have been instructed to place the control switches for LD-4A/4B/4C in the closed
 1 3 position prior to resetting containment isolation. The limit switches will be pro-
 1 4 perly sealed during the first outage of sufficient duration after receipt of equipment.

1 5 FACILITY STATUS E 28 % POWER 1 0 0 29 OTHER STATUS NA 30 METHOD OF DISCOVERY D 31 DISCOVERY DESCRIPTION IE Bulletin 79-01B 32
 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
 1 6 ACTIVITY CONTENT Z 33 RELEASED OF RELEASE Z 34 AMOUNT OF ACTIVITY NA 35 LOCATION OF RELEASE NA 36
 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
 1 7 PERSONNEL EXPOSURES NUMBER 0 0 0 37 TYPE Z 38 DESCRIPTION NA 39
 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
 1 8 PERSONNEL INJURIES NUMBER 0 0 0 40 DESCRIPTION NA 41
 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
 1 9 LOSS OF OR DAMAGE TO FACILITY TYPE Z 42 DESCRIPTION NA 43
 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
 2 0 PUBLICITY ISSUED Z 44 DESCRIPTION NA 45

NAME OF PREPARER C. S. Smoker

PHONE: (414) 388-2560

GPO 917-925