

# REGULATORY INFORMATION DISTRIBUTION SYSTEM (RIDS)

ACCESSION NBR:8102180564 DOC.DATE: 81/02/12 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: Revised LER 80-042/03N-2:on 801212,air start motors failed  
 to disengage after 1B diesel generator started & when diesel  
 generator shutdown.Caused by valve sticking open due to  
 corrosion of valve stem & disc from moisture.

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 TITLE: Incident Reports

NOTES:I&E:3 copies all material.

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	A/D PLANT SYS10		1	1	A/D RAD PROT 11	1	1
	A/D SFTY ASSE12		1	1	ACC EVAL BR 14	1	1
	AEOD		3	3	ASLBP/J.HARD	1	1
	AUX SYS BR 15		1	1	CHEM ENG BR 16	1	1
	CONT SYS BR 17		1	1	CORE PERF BR 18	1	1
	DIR,DIV OF LIC		1	1	DIR,ENGINEERI20	1	1
	DIR,HUM FAC S21		1	1	DIR,SYS INTEG22	1	1
	EFF TR SYS BR23		1	1	EQUIP QUAL BR25	1	1
	GEOSCIENCES 26		1	1	I&C SYS BR 29	1	1
	I&E 05		2	2	JORDAN,E./IE	1	1
	LIC GUID BR 30		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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71

ENCL

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# LICENSEE EVENT REPORT

(Update Report - Original Report Date 1-09-81)

(PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

CONTROL BLOCK: 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

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

CONV 5 1 REPORT SOURCE L 6 0 5 0 0 0 3 0 5 7 1 2 1 2 8 0 8 0 2 1 2 8 1 9  
 7 8 DOCKET NUMBER 68 69 EVENT DATE 74 75 REPORT DATE 80

## EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

0 2 With the facility at 100% power, during the testing of 1B diesel generator (D/G),  
 0 3 the air start motors failed to disengage after the D/G started and also when  
 0 4 the D/G was shutdown. 1A D/G was tested operable and 1B D/G was taken out of  
 0 5 service putting the facility under LCO T.S. 3.7.b.2 and thus reportable per  
 0 6 T.S. 6.9.2.b.(2). There was no effect on public safety or plant operation.  
 0 7

0 8 9

0 9 SYSTEM CODE CAUSE CODE CAUSE SUBCODE COMPONENT CODE COMP. SUBCODE VALVE SUBCODE  
 9 10 11 12 13 14 15 16  
 E E 11 F 12 D 13 V A L V E X 14 F 15 A 16  
 17 LER/RO REPORT NUMBER 18 0 19 20 21 22 23 24 25 26 27 28 29 30 31 32  
 8 0 0 4 2 0 3 X 2  
 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47  
 A 18 F 19 Z 20 Z 21 0 0 0 0 N 23 Y 24 A 25 W 0 9 7 26  
 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47  
 ACTION FUTURE EFFECT SHUTDOWN ATTACHMENT NPRD-4 PRIME COMP. COMPONENT  
 TAKEN ACTION ON PLANT METHOD SUBMITTED FORM SUB. SUPPLIER MANUFACTURER  
 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47  
 A 18 F 19 Z 20 Z 21 0 0 0 0 N 23 Y 24 A 25 W 0 9 7 26

## CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

1 0 Corrosion of the valve stem and disc, from moisture in the air supply, caused the  
 1 1 valve to stick open resulting in a failure of the air start motors to disengage.  
 1 2 The corroded parts were replaced and the D/G returned to service within the time  
 1 3 limits of T.S.3.7.b.2. A design change is in progress to install air driers in  
 1 4 the D/G air start system. On completion of this design change, no further corrective  
 actions are anticipated. 80

1 5 FACILITY STATUS % POWER OTHER STATUS 30 METHOD OF DISCOVERY DISCOVERY DESCRIPTION 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  
 E 22 1 0 0 29 NA B 31 Monthly test

1 6 ACTIVITY CONTENT RELEASED OF RELEASE AMOUNT OF ACTIVITY 35 LOCATION OF RELEASE 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  
 Z 33 Z 34 NA NA

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

1 8 PERSONNEL INJURIES NUMBER DESCRIPTION 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  
 0 0 0 40 NA

1 9 LOSS OF OR DAMAGE TO FACILITY TYPE DESCRIPTION 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  
 Z 42 NA

2 0 PUBLICITY ISSUED DESCRIPTION 45  
 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  
 N 44 NA

8102180564

NAME OF PREPARER C.S. Smoker

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GPO 917-926