

REGULATOR INFORMATION DISTRIBUTION SYSTEM (RIDS)

ACCESSION NBR: 8007280674 DOC. DATE: 80/07/21 NOTARIZED: NO DOCKET #  
 FACIL: 50-305 Kewaunee Nuclear Power Plant, Wisconsin Public Service 05000305  
 AUTH. NAME AUTHOR AFFILIATION  
 NALEPLA, D.S. Wisconsin Public Service Corp.  
 RECIP. NAME RECIPIENT AFFILIATION  
 Region 3, Chicago, Office of the Director

SUBJECT: LER 80-027/03L-0: on 800621, during cooldown, diesel generator 1B failed to start on occurrence of inadvertent safety injection signal. Caused by air start motor solenoid valve containing moisture & containments. Tanks blown dry.

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 TITLE: Incident Reports

NOTES: I&E: 3 copies all material.

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	A/D MATL & QUAL		1	A/D OP REACTORS		1
	A/D PLANT SYS		1	A/D RAD PROT		1
	A/D SFTY ASSESS		1	A/D TECHNOLOGY		1
	ACC EVAL BR		1	AEOD		10
	AUX SYS BR		1	CHEM ENG BR		1
	CONT SYS BR		1	CORE PERF BR		1
	D/DIR, HUM FAC S		1	DIR, ENGINEERING		1
	DIR, HUM FAC SFY		1	DIR, SYS INTEG		1
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	EQUIP QUAL BR		1	GEOSCIENCES		1
	HUM FACT ENG BR		1	HYD/GEO BR		1
	I&C SYS BR		1	I&E	09	2
	JORDAN, E./IE		1	LIC GUID BR		1
	LIC QUAL BR		1	MATL ENG BR		1
	MECH ENG BR		1	MPA	11	3
	NRC PDR	02	1	OP EX EVAL BR		3
	OR ASSESS BR		1	POWER SYS BR		1
	PROC/TST REV BR		1	QA BR		1
	<del>RAD ASSESS BR</del>		1	REACT SYS BR		1
	<u>REG FILE</u>	01	1	REL & RISK A BR		1
	SFTY PROG EVAL		1	SIT ANAL BR		1
	STRUCT ENG BR		1	SYS INTERAC BR		1
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85 4 82 ENCL 82

NOTE 4

60

**CHEMICAL EVENT REPORT**

CONTROL BLOCK:       (1)

(PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

7 8 9 14 15 25 26 30 57 58  
 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

CON'T  
 7 8 60 61 68 69 74 75 80  
 0 1 | R P L | 6 | 0 5 0 0 0 3 0 5 | 7 | 0 6 2 1 8 0 | 8 | 0 7 2 1 8 0 | 9

**EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)**

0 2 | During the cooldown in preparation for refueling, Diesel Generator 1B failed  
 0 3 | to start on the occurrence of an inadvertent safety injection signal. This  
 0 4 | placed the facility under T.S. 3.7.b.2. There was no effect on plant operation  
 0 5 | or public safety because off-site power was available; the 1A diesel started.  
 0 6 |  
 0 7 |  
 0 8 |

7 8 9  
 0 9 | SYSTEM CODE: E E (11) | CAUSE CODE: E (12) | CAUSE SUBCODE: B (13) | COMPONENT CODE: G E N E R A (14) | COMP. SUBCODE: D (15) | VALVE SUBCODE: Z (16)

17 | LER/RO REPORT NUMBER: 80 (21) | EVENT YEAR: 80 (22) | SEQUENTIAL REPORT NO.: 027 (24) | OCCURRENCE CODE: 03 (28) | REPORT TYPE: L (30) | REVISION NO.: 0 (32)

ACTION TAKEN: X (18) | FUTURE ACTION: X (19) | EFFECT ON PLANT: Z (20) | SHUTDOWN METHOD: Z (21) | HOURS: 0000 (22) | ATTACHMENT SUBMITTED: N (23) | NPRD-4 FORM SUB.: Y (24) | PRIME COMP. SUPPLIER: A (25) | COMPONENT MANUFACTURER: W 0 9 7 (26)

**CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)**

1 0 | The air start motor solenoid valve was found to contain moisture and containants  
 1 1 | from the diesel air start system. The solenoid valve was cleaned and the diesel  
 1 2 | tested satisfactorily. The air tanks are blown down daily to remove mositure.  
 1 3 | An investigation has been initiated to improve moisture removal from the air  
 1 4 | start system.

7 8 9  
 1 5 | FACILITY STATUS: X (28) | % POWER: 000 (29) | OTHER STATUS: COOLDOWN (30) | METHOD OF DISCOVERY: (31) | DISCOVERY DESCRIPTION: ALARMS IN CONTROL ROOM (32)

7 8 9 10 11  
 1 6 | ACTIVITY CONTENT RELEASED: Z (33) | AMOUNT OF ACTIVITY: NA (35) | LOCATION OF RELEASE: NA (36)

7 8 9 11 12 13  
 1 7 | PERSONNEL EXPOSURES NUMBER: 000 (37) | TYPE: Z (38) | DESCRIPTION: NA (39)

7 8 9 11 12  
 1 8 | PERSONNEL INJURIES NUMBER: 000 (40) | DESCRIPTION: NA (41)

7 8 9 11 12  
 1 9 | LOSS OF OR DAMAGE TO FACILITY TYPE: Z (42) | DESCRIPTION: NA (43)

7 8 9 10  
 2 0 | PUBLICITY ISSUED: N (44) | DESCRIPTION: NA (45)

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