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AUTH.NAME AUTHOR AFFILIATION
NALEPKA,D.S. Wisconsin Public Service Corp.
RECIP.NAME RECIPIENT AFFILIATION
Region 3, Chicago, Office of the Director

SUBJECT: LER 80-019/03L-1:on 800611,shield bldg ventilation sys check damper SBV-10A failed to fully open.Caused by controller setpoint drift.Setpoint adjusted & design change study initiated.

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INTERNAL:	A/D COMP&STRUCT		1	1	A/D ENV TECH		1	1
	A/D LICENSING		1	1	A/D MATL & QUAL		1	1
	A/D OP REACTORS		1	1	A/D PLANT SYS		1	1
	A/D RAD PROT		1	1	A/D SFTY ASSESS		1	1
	A/D TECHNOLOGY		1	1	ACC EVAL BR		1	1
	AEOD		10	10	AUX SYS BR		1	1
	CHEM ENG BR		1	1	CONT SYS BR		1	1
	CORE PERF BR		1	1	D/DIR,HUM FAC S		1	1
	DIR,ENGINEERING		1	1	DIR,HUM FAC SFY		1	1
	DIR,SYS INTEG		1	1	EFF TR SYS BR		1	1
	EMERG PREP		1	1	EQUIP QUAL BR		1	1
	GEOSCIENCES		1	1	HUM FACT ENG BR		1	1
	HYD/GEO BR		1	1	I&C SYS BR		1	1
	I&E	09	2	2	JORDAN,E./IE		1	1
	LIC-GUID BR		1	1	LIC QUAL BR		1	1
	MATL ENG BR		1	1	MECH ENG BR		1	1
	MPA	11	3	3	NRC PDR	02	1	1
	OP EX EVAL BR		3	3	OR ASSESS BR		1	1
	POWER SYS BR		1	1	PROC/TST REV BR		1	1
	QA BR		1	1	RAD ASSESS BR		1	1
	REACT SYS BR		1	1	REG FILE	01	1	1
	REL & RISK A BR		1	1	SFTY PROG EVAL		1	1
	SIT ANAL BR		1	1	STRUCT ENG BR		1	1
	SYS INTERAC BR		1	1				
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NRC FORM 366
(7-77)

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7 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) | 0 6 1 7 8 0 (8) | 0 7 1 7 8 0 (9)

7 8 60 61 DOCKET NUMBER 68 69 EVENT DATE 74 75 REPORT DATE 80

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

0 2 | During refueling shutdown surveillance testing, local leakrate testing identified

0 3 | 5 containment isolation valves with unacceptable as found leakage. The leakrate

0 4 | of the five valves exceeded the capability of the test equipment (20 scfh); therefore

0 5 | compliance with TS 4.4.b.5 could not be verified and repairs to the valves were

0 6 | required. The design function of containment isolation for the affected lines was

0 7 | not impaired as redundant valves or system capability remained functional. There

0 8 | was no effect on public safety.

7 8 9 80

0 9 | SYSTEM CODE: S D (11) | CAUSE CODE: X (12) | CAUSE SUBCODE: Z (13) | COMPONENT CODE: V A L V E X (14) | COMP. SUBCODE: Z (15) | VALVE SUBCODE: D (16)

7 8 9 10 11 12 13 18 19 20

(17) LER/RO REPORT NUMBER: EVENT YEAR 8 0 | — | SEQUENTIAL REPORT NO. 0 2 5 | / | OCCURRENCE CODE 0 3 | REPORT TYPE L | — | REVISION NO. 0

21 22 23 24 26 27 28 29 30 31 32

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

33 34 35 36 37 40 41 42 43 44 47

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

1 0 | Other component codes involved are M115 and K085. Repairs required included

1 1 | CVC 205A - cleaned seat, CVC 205B - cleaned seat, CVC 206B - valve replaced,

1 2 | RC 402 - adjusted stroke, and SW 6011 - valve replaced. As left total leakrates

1 3 | were substantially below T.S. limits. No further corrective actions required.

1 4 |

7 8 9 80

1 5 | FACILITY STATUS: H (28) | % POWER: 0 0 0 (29) | OTHER STATUS (30): Cold Shutdown | METHOD OF DISCOVERY: B (31) | DISCOVERY DESCRIPTION (32): Surveillance Testing

7 8 9 10 12 13 44 45 46 80

1 6 | ACTIVITY RELEASED: Z (33) | CONTENT OF RELEASE: Z (34) | AMOUNT OF ACTIVITY (35): NA | LOCATION OF RELEASE (36): NA

7 8 9 10 11 44 45 80

1 7 | PERSONNEL EXPOSURES: NUMBER 0 0 0 (37) | TYPE Z (38) | DESCRIPTION (39): NA

7 8 9 11 12 13 80

1 8 | PERSONNEL INJURIES: NUMBER 0 0 0 (40) | DESCRIPTION (41): NA

7 8 9 11 12 80

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

7 8 9 10 80

2 0 | PUBLICITY: ISSUED N (44) | DESCRIPTION (45): NA

7 8 9 10 68 69 80

NRC USE ONLY

NAME OF PREPARER D. S. Nalepka PHONE: (414) 388-2560

GPO 917-926

(7-77)

LICENSEE EVENT REPORT

CONTROL BLOCK: (1) (PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

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CON'T

0 1 | REPORT SOURCE L (6) | 0 5 0 0 0 3 0 5 (7) | 0 6 1 1 8 0 (8) | 0 7 1 1 8 0 (9)

DOCKET NUMBER | EVENT DATE | REPORT DATE

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

0 2 | While performing surveillance testing on the Shield Building Ventilation System (SBV)

0 3 | check damper SBV-10A failed to fully open resulting in the inability of the system

0 4 | to draw a measurable vacuum in the annulus. This placed the system under TS 3.6.b.1.

0 5 | Train "B" SBV was tested operable within TS time limits. Since the redundant train

0 6 | of SBV is capable of providing the required vacuum there was no effect on plant

0 7 | operation or public safety. This incident has occurred previously on 3-26-80.

0 8 |

0 9 | SYSTEM CODE S H (11) | CAUSE CODE E (12) | CAUSE SUBCODE E (13) | COMPONENT CODE I N S T R U (14) | COMP. SUBCODE C (15) | VALVE SUBCODE Z (16)

(17) LER/RO REPORT NUMBER: EVENT YEAR 8 0 | — | SEQUENTIAL REPORT NO. 0 1 9 | / | OCCURRENCE CODE 0 3 | REPORT TYPE L | — | REVISION NO. 1

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

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

1 0 | SBV-10A controller setpoint had drifted low thus causing SBV-10A damper to throttle

1 1 | in mid-cycle. The setpoint was adjusted and testing satisfactorily. This failure

1 2 | has occurred previously. Control of this damper is differential pressure between

1 3 | the shield building and its exhaust. 0.1 inches of water is the difference in signal

1 4 | between full open and full shut, allowing very little tolerance to instrument drift.

A study has been initiated to identify a design change to correct the situation.

1 5 | FACILITY STATUS H (28) | % POWER 0 0 0 (29) | OTHER STATUS (30) Cold Shutdown | METHOD OF DISCOVERY B (31) | DISCOVERY DESCRIPTION (32) Surveillance Testing

1 6 | ACTIVITY RELEASED Z (33) | ACTIVITY CONTENT OF RELEASE Z (34) | AMOUNT OF ACTIVITY (35) NA | LOCATION OF RELEASE (36) NA

1 7 | PERSONNEL EXPOSURES NUMBER 0 0 0 (37) | TYPE Z (38) | DESCRIPTION (39) NA

1 8 | PERSONNEL INJURIES NUMBER 0 0 0 (40) | DESCRIPTION (41) NA

1 9 | LOSS OF OR DAMAGE TO FACILITY TYPE Z (42) | DESCRIPTION (43) NA

2 0 | PUBLICITY ISSUED N (44) | DESCRIPTION (45) NA | NRC USE ONLY

NAME OF PREPARER David S. Nalepka PHONE: (414) 388-2560

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