LICENSEE EVENT REPORT

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

0 1 | M I D C C 1 (2) | 0 0 - 0 0 0 0 0 - 0 0 (3) | 4 1 1 1 1 (4) | | (5)
LICENSEE CODE 9–14; LICENSE NUMBER 15–25; LICENSE TYPE 26–30; 57 CAT 58

CON'T
0 1 | REPORT SOURCE | L (6) | 0 5 0 0 0 3 1 5 (7) | 0 3 1 0 8 3 (8) | 0 4 0 8 8 3 (9)
60; DOCKET NUMBER 61–68; EVENT DATE 69–74; REPORT DATE 75–80

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

0 2 DURING NORMAL OPERATION, THE A-B DIESEL GENERATOR (D.G.) INVERTER FAILED TWICE
0 3 RENDERING THE A-B D.G. INOPERABLE. THIS IS NON-CONSERVATIVE IN RESPECT TO TECHNICAL
0 4 SPECIFICATION 3.8.1.1.b. THE APPROPRIATE ACTION REQUIREMENT WAS FULFILLED AS THE
0 5 C-D D.G. WAS STARTED AND THE CORRECT BREAKER ALIGNMENTS WERE VERIFIED.
0 6
0 7
0 8

	SYSTEM CODE (11)	CAUSE CODE (12)	CAUSE SUBCODE (13)	COMPONENT CODE (14)	COMP. SUBCODE (15)	VALVE SUBCODE (16)
0 9	E E	X	Z	G E N E R A	F	Z

(17) LER/RO REPORT NUMBER

EVENT YEAR		SEQUENTIAL REPORT NO.		OCCURRENCE CODE	REPORT TYPE		REVISION NO.
8 3	—	0 2 3	/	0 3	L	—	0

ACTION TAKEN (18)	FUTURE ACTION (19)	EFFECT ON PLANT (20)	SHUTDOWN METHOD (21)	HOURS (22)	ATTACHMENT SUBMITTED (23)	NPRD-4 FORM SUB. (24)	PRIME COMP. SUPPLIER (25)	COMPONENT MANUFACTURER
X	X	Z	Z	0 0 0 0	Y	Y	A	S 2 5 0

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

1 0 INVESTIGATION REVEALED THAT THE INVERTER (MANUF. BY SOLIDSTATE CONTROLS INC.) FAILURES
1 1 WERE DUE TO BLOWN FUSES. THESE FAILURES WERE MOST PROBABLY CAUSED BY HIGH AMBIENT
1 2 ROOM TEMPERATURE. THE D.G. ROOM INLET VENTILATION DAMPERS WERE FOUND WIRED SHUT.
1 3 THESE DAMPERS WERE OPENED AND THE ROOM TEMPERATURE WAS LOWERED. SEE THE ATTACHED
1 4 SUPPLEMENT FOR ADDITIONAL INFORMATION.

1 5 FACILITY STATUS: E (28) | % POWER: 1 0 0 (29) | OTHER STATUS (30): NA | METHOD OF DISCOVERY: A (31) | DISCOVERY DESCRIPTION (32): AUDIBLE ALARMS

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

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

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

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

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

NRC USE ONLY

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ATTACHMENT TO LER# 83-023/03L-0

SUPPLEMENT TO CAUSE DESCRIPTION

INVESTIGATION REVEALED THAT THE INITIAL LOSS OF THE INVERTER WAS DUE TO A BLOWN FUSE (FUSE NO. FU2). THE INVERTER WAS INSPECTED FOR DAMAGED COMPONENTS AND THE FUSE WAS REPLACED. THE INVERTER WAS TESTED AND THE AFFECTED D.G. WAS RUN FOR AN OPERABILITY CHECK. SEVERAL HOURS LATER THE INVERTER FAILED AGAIN AS THE SAME FUSE BLEW WITH NO OTHER COMPONENT FAILURES. FURTHER INVESTIGATION REVEALED THAT THE A-B D.G. ROOM TEMPERATURE WAS 108 DEGREES F. THIS WAS IN EXCESS OF THE INVERTER MANUFACTURERS OPERATING SPECIFICATION. IT WAS FOUND THAT THE VENTILATION INLET DAMPERS WERE WIRED SHUT AND ELECTRICALLY DISCONNECTED. THE DAMPERS WERE OPENED AND THE D.G. ROOM COOLED DOWN. THE A-B D.G. WAS OPERABILITY TESTED AND DECLARED OPERABLE 9 HOURS FOLLOWING THE INITIAL FAILURE. NO INVERTER FAILURES HAVE OCCURRED SINCE.

THE NEED FOR THE CLOSED VENTILATION INLET DAMPERS IS STILL BEING INVESTIGATED. THIS LER WILL BE UPDATED AS A RESULT OF THIS INVESTIGATION.