	LICENSEE EVENT REPORT
	CONTROL BLOCK: (PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)
0 1	N C B E P 2 2 0 0 - 0 0 0 0 - 0 0 3 4 1 1 1 1 1 4 57 CAT 58
CON'T 0 1 7 8	REPORT L 6 0 5 0 - 0 3 2 4 7 0 6 1 4 8 1 8 0 7 0 8 8 1 9  EVENT DESCRIPTION AND PROBABLE CONSEQUENCES 10    During the performance of Diesel Generator Actual Loading Test, PT 12.1.2a, No. 1
0 12	
0 3	diesel generator started as required and tied to its emergency bus, E-1. The diesel
0 4	then immediately tripped with a concurrent opening of the diesel generator output
0 5	breaker. This test simulates the loss of off-site power in conjunction with an ECCS
0 6	test signal. This event did not affect the health and safety of the public.
0 7	
0 8	Technical Specifications 3.8.1.1, 6.9.1.9b
7 8	SYSTEM CAUSE CAUSE SUBCODE COMPONENT CODE SUBCODE SUBC
	TO REPORT NUMBER 21 22 23 24 26 27 28 29 30 31 32 24 26 27 28 29 30 30 31 32 24 26 27 28 29 29 30 30 31 32 32 32 34 36 32 34 36 32 35 36 36 36 36 36 36 36 36 36 36 36 36 36
	TAKEN ACTION ON PLANT METHOD HOURS (22) SUBMITTED FORM SUB. SUPPLIER MANUFACTURER  [A] [8] [Z] [19] [Z] [20] [Z] [21] [0] [0] [0] [Y] [23] [Y] [24] [A] [25] [X] [9] [9] [9] [26]  CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)
1 0	The diesel lockout logic voltage dropping resistor, AE8, shorted to ground causing the
11	lockout relay device, 86DB, to energize, tripping the diesel and opening the output
1 2	breaker. The resistor, Clarostat model number VK160W75, was replaced and the PT was
1 3	successfully performed. No cause was determined for the failed resistor. Plant
1 4	documentation shows no previous history of similar resistor failures.
1 5	FACILITY SPOWER OTHER STATUS 30 METHOD OF DISCOVERY DESCRIPTION 32  F 28 0 8 0 29 NA B 31 Periodic Test  STATUS SPOWER OTHER STATUS 30 METHOD OF DISCOVERY DESCRIPTION 32  NA B 31 Periodic Test  STATUS SPOWER OTHER STATUS 30 METHOD OF DISCOVERY DESCRIPTION 32  STATUS SPOWER OTHER STATUS 30 METHOD OF DISCOVERY DESCRIPTION 32
	ELEASED OF RELEASE AMOUNT OF ACTIVITY (35)  NA N
1 7 8	NUMBER TYPE DESCRIPTION (39)  O O O O O O O O O O O O O O O O O O O
1 8	NUMBER DESCRIPTION (41)  O O O (40)  NA
7 8	9 11 12 LOSS OF OR DAMAGE TO FACILITY 43 TYPE DESCRIPTION 43
1 9	Z 42 NA NA 80 80
2 0	ISSUED DESCRIPTION (45) PDR ADDCK 05000324 PDR S PDR
7 8	NAME OF PREPARER M. J. Pastva, Jr. PHONE: 919-457-9521
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## LER 2-81-55 ATTACHMENT

Facility: BSEP Unit No. 2 Event Date: 6-14-81

No. I diesel generator tripped as a result of a diesel lockout signal from lockout relay device, 85DB, model number HEA6lB, that occurred when the lockout device relay coil became energized. Diesel lockout logic voltage dropping resistor, AE8, shorted to ground and the resulting electrical arc energized the 86DB relay coil. The device then initiated its protective function of tripping the diesel and opening the diesel generator output breaker. At no time did an actual trip condition exist which would have energized the device as designed. Lockout relay device, 86DB, receives initiation input from any of three diesel protective relays:

- 1. Diesel generator power directional relay, 32D (reverse power)
- 2. Diesel generator overcurrent relay, 51V
- 3. Loss of excitation relay, 40

An examination of the shunt resistor revealed a hole in its porcelain insulation approximately 1/16 inch in diameter. The resistor was replaced and tested for normal operation. The shunt resistors on the remaining three diesel generators were inspected with no problems found. A failure mode for this resistor insulation breakdown could not be identified. This is considered to be an isolated event.