NRC FORM 366 (7-77)

U. S. NUCLEAR REGULATORY COMMISSION

LICENSEE EVENT REPORT

Update Report
Previous Report Date: 2/17/82

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

0 1 | N C B E P 1 (2) | 0 0 - 0 0 0 0 0 - 0 0 (3) | 4 1 1 1 1 (4) | (5)
LICENSEE CODE | LICENSE NUMBER | LICENSE TYPE | CAT

CON'T 0 1 REPORT SOURCE L (6) | 0 5 0 - 0 3 2 5 (7) DOCKET NUMBER | 0 1 2 1 8 2 (8) EVENT DATE | 0 1 1 4 8 3 (9) REPORT DATE

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

0 2 During plant operation when an attempt was made to open the HPCI System turbine
0 3 steam supply outboard PCIV, 1-E41-F003, the valve motor breaker tripped on magnetics.
0 4 F003 was then declared inoperable, deactivated, and isolated in accordance with
0 5 technical specifications. As a result of this event, the HPCI System was rendered
0 6 and declared inoperable. At the time of this event, the RCIC System was operable.
0 7 This event did not affect the health and safety of the public.
0 8 Technical Specifications 3.5.1, 6.9.1.9b

SYSTEM CODE	CAUSE CODE	CAUSE SUBCODE	COMPONENT CODE	COMP. SUBCODE	VALVE SUBCODE
S F (11)	E (12)	X (13)	V A L V O P (14)	B (15)	Z (16)

(17) LER/RO REPORT NUMBER

EVENT YEAR		SEQUENTIAL REPORT NO.		OCCURRENCE CODE	REPORT TYPE		REVISION NO.
8 2	—	0 1 3	/	0 3	L	—	1

ACTION TAKEN	FUTURE ACTION	EFFECT ON PLANT	SHUTDOWN METHOD	HOURS (22)	ATTACHMENT SUBMITTED	NPRD-4 FORM SUB.	PRIME COMP. SUPPLIER	COMPONENT MANUFACTURER
X (18)	Z (19)	Z (20)	Z (21)	0 0 0 0	Y (23)	Y (24)	N (25)	L 2 0 0 (26)

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

1 0 Higher than normal current flow through the valve motor armature with a resultant
1 1 failure of the armature windings prevented opening F003. The motor, Model No. SMB-1,
1 2 was rewound, reinstalled, and the valve was adjusted for stroke and returned to
1 3 service on 1-28-82. A review of the work documentation involving this event was
1 4 inconclusive in determining the root cause of the apparent high current flow condition.

1 5 FACILITY STATUS: F (28) | % POWER: 0 1 5 (29) | OTHER STATUS (30): NA | METHOD OF DISCOVERY: A (31) | DISCOVERY DESCRIPTION (32): Operational Event

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): NA

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NRC USE ONLY

NAME OF PREPARER M. J. Pastva, Jr. PHONE: (919) 457-9521

GPO 917-926

LER ATTACHMENT - RO #1-82-13

Facility: BSEP Unit No. 1 Event Date: January 21, 1982

While attempting to open the HPCI System steam supply outboard PCIV, 1-E41-F003, the valve motor tripped on magnetics. Disassembly and inspection of the valve motor revealed electrical shorting of the A1 and A2 phases of the motor armature windings, attributed to higher than normal current flow through the windings, had prevented opening of the valve.

The valve motor, Limitorque Corporation Model No. SMB-1, was then rewound, reinstalled, and the valve was adjusted for stroke and returned to service. A review of the work documentation involving this event was inconclusive in determining the root cause of the apparent high current flow condition in the valve motor armature windings. Therefore, no further corrective or investigative action regarding this event is planned.