

# LICENSEE EVENT REPORT

(PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

CONTROL BLOCK: \_\_\_\_\_ ①

0 1 | N | C | B | E | P | 1 | 0 | 0 | - | 0 | 0 | 0 | 0 | 0 | - | 0 | 0 | 3 | 4 | 1 | 1 | 1 | 1 | 4 | 5  
7 8 9 14 15 25 26 30 37 CAT 58  
 LICENSEE CODE      LICENSE NUMBER      LICENSE TYPE

CON'T  
 0 1 | L | 0 | 5 | 0 | - | 0 | 3 | 2 | 5 | 7 | 0 | 3 | 2 | 3 | 8 | 0 | 8 | 0 | 4 | 2 | 1 | 8 | 0 | 9  
7 8 60 61 68 69 74 75 80  
 REPORT SOURCE      DOCKET NUMBER      EVENT DATE      REPORT DATE

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES ⑩

0 2 | Following a reactor scram, the HPCI discharge valve E41-F006 would not remain open  
 0 3 | following a low level initiation signal. On April 2, 1980, while attempting to  
 0 4 | perform PT 45.3.4, HPCI Initiation Response Test, the same indications were received.  
 0 5 | \_\_\_\_\_  
 0 6 | \_\_\_\_\_  
 0 7 | \_\_\_\_\_

Technical Specifications 3.5.1, 6.9.1.9b

7 8 9 80

0 9 | S | F | 11 | E | 12 | B | 13 | V | A | L | V | O | P | 14 | C | 15 | Z | 16  
7 8 9 10 11 12 13 18 19 20  
 SYSTEM CODE      CAUSE CODE      CAUSE SUBCODE      COMPONENT CODE      COMP. SUBCODE      VALVE SUBCODE

17 | 8 | 0 | 2 | 9 | 0 | 3 | L | 0 | 0  
21 22 23 24 26 27 28 29 30 31 32  
 LER/RO REPORT NUMBER      EVENT YEAR      SEQUENTIAL REPORT NO.      OCCURRENCE CODE      REPORT TYPE      REVISION NO.

E | 18 | G | 19 | Z | 20 | Z | 21 | 0 | 0 | 0 | 0 | Y | 23 | Y | 24 | A | 25 | S | 0 | 7 | 5 | 26  
33 34 35 36 37 40 41 42 43 44 47  
 ACTION TAKEN      FUTURE ACTION      EFFECT ON PLANT      SHUTDOWN METHOD      HOURS      ATTACHMENT SUBMITTED      NRPD-4 FORM SUB.      PRIME COMP. SUPPLIER      COMPONENT MANUFACTURER

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS ⑳

1 0 | The HPCI turbine stop valve E41-V8 was found to be opening too quickly, 6 seconds  
 1 1 | vice 12, thus not allowing the flow controller to gain speed control before an  
 1 2 | overspeed condition was reached. The spring loaded bypass oil flow orifice was  
 1 3 | adjusted for a proper valve stroke time, and the HPCI system was tested and re-  
 1 4 | turned to service satisfactorily.

7 8 9 80

1 5 | G | 28 | 0 | 0 | 0 | 29 | N/A | A | 31 | Operator Surveillance  
7 8 9 10 12 13 44 45 46 80  
 FACILITY STATUS      % POWER      OTHER STATUS ⑳      METHOD OF DISCOVERY      DISCOVERY DESCRIPTION ㉓

1 6 | Z | 33 | Z | 34 | N/A | N/A  
7 8 9 10 11 44 45 80  
 ACTIVITY CONTENT      RELEASED OF RELEASE      AMOUNT OF ACTIVITY ㉕      LOCATION OF RELEASE ㉖

1 7 | 0 | 0 | 0 | 37 | Z | 38 | N/A  
7 8 9 11 12 13 44 80  
 PERSONNEL EXPOSURES      NUMBER      TYPE      DESCRIPTION ㉙

1 8 | 0 | 0 | 0 | 40 | N/A  
7 8 9 11 12 44 80  
 PERSONNEL INJURIES      NUMBER      DESCRIPTION ㉚

1 9 | Z | 42 | N/A  
7 8 9 10 44 80  
 LOSS OF OR DAMAGE TO FACILITY      TYPE      DESCRIPTION ㉛

2 0 | N | 44 | N/A  
7 8 9 10 44 80  
 PUBLICITY      ISSUED      DESCRIPTION ㉜

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LER ATTACHMENT - RO NO. 1-80-29

Facility: BSEP Unit No. 1

Event Date: March 23, 1980

The HPCI discharge valve E41-F006 is interlocked with the steam supply valve E41-F001 and the turbine stop valve E41-V8 such that if either of these valves is not fully open, the -F006 valve will shut. When -V8 reached the full open position, -F006 would start to stroke open. Due to the fast opening of -V8, the HPCI turbine would trip on overspeed, -V8 would shut, and -F006 would shut. When the turbine slowed down to the overspeed reset speed, -V8 would again open and -F006 likewise. This would continue for several cycles until the speed control unit could finally control the speed.

Opening time determination will be added to the HPCI response time periodic test which is performed each refueling outage. The concerns of IE Circular 80-07 are also being reviewed with respect to the HPCI stop valves.