

## LICENSEE EVENT REPORT

CONTROL BLOCK: 1

(PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

0 1 N C B E P 2 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 57 CAT 58

CON'T

0 1 L 0 5 0 - 0 3 2 4 7 0 9 3 0 8 2 8 1 0 2 9 8 2 9  
7 8 60 61 68 69 74 75 80

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

0 2 During a reactor startup, while unbypassing the main condenser low vacuum switches,  
0 3 2-B21-PS-N056C and D, a Group 1 isolation and resultant automatic scram occurred.  
0 4 N056A-D provide input for a Group 1 isolation on low main condenser vacuum. This  
0 5 event did not affect the health and safety of the public.  
0 6 Technical Specifications Table 3.3.2-1e, 6.9.1.9b  
0 7  
0 8

0 9 S D 11 A 12 X 13 I N S T R U 14 S 15 Z 16  
7 8 9 10 11 12 13 18 19 20  
17 LER/RO REPORT NUMBER 18 21 22 23 24 26 27 28 29 30 31 32  
18 19 20 21 22 23 24 26 27 28 29 30 31 32  
ACTION TAKEN FUTURE ACTION EFFECT ON PLANT SHUTDOWN METHOD HOURS 22 ATTACHMENT SUBMITTED NPRD-4 FORM 10B PRIME COMP. SUPPLIER COMPONENT MANUFACTURER  
X 18 X 19 A 20 C 21 0 0 6 7 Y 23 N 24 Z 25 Z 9 9 9 26  
33 34 35 36 37 40 41 42 43 44 47

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

1 0 This event resulted from N056C and D sensing a low vacuum condition due to a closed  
1 1 instrument rack root isolation valve to both instruments. This valve was reopened  
1 2 and the isolation signal was reset. It could not be determined why or by whom the  
1 3 valve was closed. An investigation revealed this valve did not appear on the  
1 4 instrumentation valve lineup for the subject N056(A-D) instruments.

1 5 C 28 0 0 1 7 29 NA 30 31 Operational Event  
7 8 9 10 12 13 44 45 46  
1 6 Z 33 Z 34 NA 35 NA 36  
7 8 9 10 11 44 45  
1 7 0 0 0 37 Z 38 NA 39  
7 8 9 11 12 13  
1 8 0 0 0 40 NA 41  
7 8 9 11 12  
1 9 Z 42 NA 43  
7 8 9 10  
2 0 N 44 45  
7 8 9 10  
82110E0144 821029  
PDR ADOCK 05000324  
S PDR  
NRC USE ONLY  
7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100

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LER ATTACHMENT - RO # 2-82-111

Facility: BSEP Unit No. 2

Event Date: September 30, 1982

During a reactor startup, while unbypassing the isolation circuitry of main condenser low vacuum PCIS switches 2-B21-PS-N056C and D, a Group 1 isolation with a resultant automatic reactor scram occurred. This event occurred as a result of a closed instrument rack root isolation valve to the N056C and D instruments. The valve being closed had allowed both instruments to sense a constant low condenser vacuum condition prior to and at the time of the event. The same corresponding valve to the N056A and B instruments was found properly aligned in the open position. An investigation showed both valves were not included in the instrument valve lineup procedure for the B21-PS-N056A-D instruments; however, a reason for the procedure inadequacy could not be determined. In addition, it could not be determined why the subject N056C and D instrument root isolation valve was closed. A check of these two corresponding valves on Unit No. 1 showed they were properly aligned in the open position.

As a result of this event, a check of plant safety related instrumentation valve lineups on both units was performed which revealed no improperly positioned valves. However, a number of these instrumentation isolation valves were found not to be listed in their respective system valve lineup procedures. The following is a list of these instruments and the number of concerned valves:

<u>Unit No.</u>	<u>Instrument No.</u>	<u>No. of Identified Valves</u>
1 and 2	B21-PS-N056(A-D)	two
1	C71-N002B, C, D	three
2	C72-N002A, B, C, D	four
1	B21-PT-N015(A-D)	four
1	B21-PDT-N006B	three
2	G31-dFS-N603A, B	eighteen

Appropriate permanent procedure changes have been made to include these identified instrumentation isolation valves in their respective lineup procedures.