

LICENSEE EVENT REPORT

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

01 | N | C | B | E | P | 2 | 2 | 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
01 | L | 6 | 0 | 5 | 0 | - | 0 | 3 | 2 | 4 | 7 | 1 | 0 | 2 | 4 | 8 | 2 | 8 | 1 | 1 | 2 | 3 | 8 | 2 | 9
7 8 60 61 68 69 74 75 80

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

02 | During steady state plant operation, reactor recirculation pump 2A tripped concurrent
03 | with the receipt of an ATWS high reactor pressure/low level trip annunciator. This
04 | event did not affect the health and safety of the public.

05 | Technical Specifications 3.3.6.1, 3.4.1.1, 3.4.1.3, 6.9.1.9b

09 | C | B | 11 | E | 12 | E | 13 | I | N | S | T | R | U | 14 | S | 15 | Z | 16
9 10 11 12 13 18 19 20

17 | LER/RO REPORT NUMBER | 8 | 2 | 21 | 22 | - | 23 | 1 | 2 | 5 | 24 | 26 | / | 27 | 0 | 3 | 28 | 29 | L | 30 | - | 31 | 0 | 32

ACTION TAKEN | FUTURE ACTION | EFFECT ON PLANT | SHUTDOWN METHOD | HOURS | ATTACHMENT SUBMITTED | NPRD-4 FORM SUB. | PRIME COMP. SUPPLIER | COMPONENT MANUFACTURER
E | 18 | Z | 19 | Z | 20 | Z | 21 | 0 | 0 | 0 | 0 | 40 | Y | 23 | Y | 24 | N | 25 | S | 3 | 8 | 2 | 26

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

10 | The trip occurred due to actuation of ATWS reactor pressure instrument, 2-B21-PS-N045C
11 | The instrument actuation setpoint was found to be at 1,020 psig versus the 1,113 + psi
12 | calibration specifications. N045C, Model No. 9N-AA45-X9TT, was calibrated and
13 | returned to service. The pump was then restarted and returned to service within
14 | 14 hours and 27 minutes of the event.

15 | E | 28 | 0 | 7 | 9 | 29 | NA | 44 | A | 31 | Operational Event | 32

16 | Z | 33 | Z | 34 | NA | 44 | NA | 45 | NA | 36

17 | 0 | 0 | 0 | 37 | Z | 38 | NA | 39

18 | 0 | 0 | 0 | 40 | NA | 41

19 | Z | 42 | NA | 43

20 | N | 44 | 8212020319 821123
PDR ADOCK 05000324
S PDR
NRC USE ONLY
78 79 80

NAME OF PREPARER M. J. Pastva, Jr.

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LER ATTACHMENT - RO #2-82-125

Facility: BSEP Unit No. 2

Event Date: October 24, 1982

During steady state plant operation, reactor recirculation pump 2A tripped concurrent with the receipt of the ATWS high reactor pressure/low level trip annunciator. An investigation of this event revealed that ATWS reactor pressure high instrument, 2-B21-PS-NO45C, had initiated the pump trip. A check of the instrument actuation setpoint revealed it was functioning out of calibration tolerance by approximately 90 psig. The calibration specification for the actuation of the instrument is 1111 ± 13 psig; however, the NO45C was found actuating at 1020 psig. No reason could be determined for the out-of-tolerance actuation setpoint on the NO45C. The instrument was then calibrated in accordance with the reactor high pressure trip channel functional and calibration test, PT-03.2.1PC, and returned to service. Following the return of NO45C to service, reactor recirculation pump was restarted and returned to service.

On October 25, 1982, NO45C and the redundant instruments of both reactor recirculation pumps, 2-B21-PS-NO45A, B, and D, were checked in accordance with PT-03.2.1PC with no problems found. A review of documentation associated with NO45C does not indicate a significant problem involving instrument setpoint drift. It is therefore believed that the once per month functional test of these type instruments, static-O-ring Model No. 9N-AA45-X9TT, is sufficient to detect instrument failures and no further corrective action regarding this event is required.