

*Sol point drift of Reactor Building Pressure Transmitter*

NOV 14 1983

U. S. NUCLEAR REGULATORY COMMISSION  
Attachment 1  
4410-83-L-0231

LICENSEE EVENT REPORT

*B & W 234*

CONTROL BLOCK 1186246 (1)

(PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

01 | P | A | T | M | I | 2 | 2 | 0 | 0 | - | 0 | 0 | 0 | 0 | 0 | 0 | - | 0 | 0 | 3 | 4 | 1 | 1 | 1 | 1 | 4 | 5

CON'T  
01 | REPORT SOURCE | L | 6 | 0 | 5 | 0 | 0 | 0 | 3 | 2 | 0 | 7 | 0 | 8 | 2 | 7 | 8 | 3 | 8 | 0 | 9 | 2 | 3 | 8 | 2 | 9

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

02 | On August 27, 1983, at 2130 hours, during the performance of routine  
03 | channel calibration, Reactor Building Pressure Transmitter BS-PT-4388-2  
04 | was found to be out of calibration. This event placed the unit in the  
05 | Action Statement of Technical Specification 3.3.3.6 and is considered  
06 | reportable pursuant to Technical Specification 6.9.1.9(b). No  
07 | significant occurrence resulted from this event.

08 | \_\_\_\_\_

09 | SYSTEM CODE | I | E | 11 | CAUSE CODE | E | 12 | CAUSE SUBCODE | E | 13 | COMPONENT CODE | I | N | S | T | R | U | 14 | COMP. SUBCODE | T | 15 | VALVE SUBCODE | Z | 16

17 | LER/RO REPORT NUMBER | 8 | 3 | 21 | 22 | SEQUENTIAL REPORT NO. | 0 | 4 | 5 | 24 | 26 | OCCURRENCE CODE | 0 | 3 | 28 | 29 | REPORT TYPE | L | 30 | REVISION NO. | 0 | 32  
ACTION TAKEN | E | 18 | FUTURE ACTION | Z | 19 | EFFECT ON PLANT | Z | 20 | SHUTDOWN METHOD | Z | 21 | HOURS | 0 | 0 | 0 | 0 | 37 | ATTACHMENT SUBMITTED | Y | 23 | NPRD-4 FORM SUB. | N | 24 | PRIME COMP. SUPPLIER | L | 25 | COMPONENT MANUFACTURER | F | 1 | 8 | 0 | 26

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

10 | Reactor Building Pressure Transmitter BS-PT-4388-2 was determined to  
11 | be out of calibration due to instrument drift. The transmitter was  
12 | recalibrated and returned to service at 2215 hours on August 27, 1983.  
13 | No further action is contemplated.

14 | \_\_\_\_\_

15 | FACILITY STATUS | X | 28 | % POWER | 0 | 0 | 0 | 0 | 29 | OTHER STATUS | Recovery Mode | 30 | METHOD OF DISCOVERY | B | 31 | DISCOVERY DESCRIPTION | Channel Calibration | 32

16 | ACTIVITY CONTENT | Z | 33 | AMOUNT OF ACTIVITY | N/A | 35 | LOCATION OF RELEASE | N/A | 36

17 | PERSONNEL EXPOSURES NUMBER | 0 | 0 | 0 | 37 | TYPE | Z | 38 | DESCRIPTION | N/A | 39

18 | PERSONNEL INJURIES NUMBER | 0 | 0 | 0 | 40 | DESCRIPTION | N/A | 41

19 | LOSS OF OR DAMAGE TO FACILITY TYPE | Z | 42 | DESCRIPTION | N/A | 43

20 | PUBLICITY ISSUED | N | 44 | DESCRIPTION | N/A | 45

NAME OF PREPARER Thomas L. Gould

PHONE: (717) 948-8461

*12.16.83*

*2.8.84*

*TE22*

U.S. G.P.O.

LER 83-045/03L-0  
EVENT DATE - August 27, 1983

I. EXPLANATION OF THE OCCURRENCE

On August 27, 1983, at 2130 hours during the performance of routine channel calibration, Reactor Building Pressure Transmitter BS-PT-4388-2 was found to be out of calibration in the low, non-conservative direction. This placed the unit in the Action Statement of Technical Specification 3.3.3.6. This event is considered reportable under Technical Specification 6.9.1.9(b). BS-PT-4388-2, a 0 - 100 psig pressure transmitter, has an allowable calibration bank of + 0.56%. The August 27, 1983, initial calibration found -0.87%. No significant occurrence resulted from this event.

II. CAUSE OF THE OCCURRENCE

The out of calibration pressure transmitter was determined to be the result of nominal, expected instrument drift.

III. CIRCUMSTANCES SURROUNDING THE OCCURRENCE

At the time of the occurrence, the Unit 2 facility was in a long-term cold shutdown state. The reactor decay heat was being removed via loss to ambient. Throughout the event there was no effect on the Reactor Coolant System or the core.

IV. CORRECTIVE ACTIONS TAKEN OR TO BE TAKEN

Immediate - The Reactor Building Pressure Transmitter was recalibrated and returned to service at 2215 hours on August 27, 1983.

Due to the small instrument drift involved, no long-term action is being considered.

V. COMPONENT FAILURE DATA

Reactor Building Pressure Transmitter BS-PT-4388-2 is a Foxboro Model No. E11GM Transmitter, 0 - 100 psig.

NOV 14 1983 B EW



**GPU Nuclear Corporation**  
Post Office Box 480  
Route 441 South  
Middletown, Pennsylvania 17057-0191  
717 944-7621  
TELEX 84-2386  
Writer's Direct Dial Number:

September 23, 1983  
4410-83-L-0231

Office of Inspection and Enforcement  
Attn: Dr. Thomas E. Murley  
Regional Administrator  
Region I  
US Nuclear Regulatory Commission  
631 Park Avenue  
King of Prussia, PA 19406

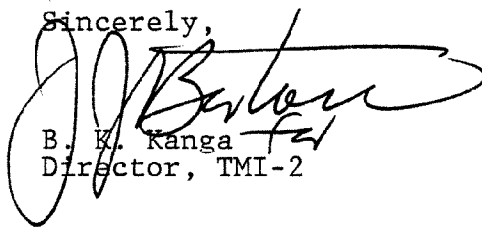
Dear Sir:

Three Mile Island Nuclear Station, Unit 2 (TMI-2)  
Operating License No. DPR-73  
Docket No. 50-320  
Licensee Event Report 83-045/03L-0

Attached please find Licensee Event Report 83-045/03L-0 concerning the Reactor Building Pressure Transmitter calibration error found on August 27, 1983.

This event concerns Section 3.3.3.6 and is considered reportable under Section 6.9.1.9(b) of the Interim Recovery Technical Specifications.

Sincerely,



B. K. Kanga  
Director, TMI-2

BKK/TLG/jep

Attachments

CC: Mr. L. H. Barrett, Deputy Program Director - TMI Program Office  
Dr. B. J. Snyder, Program Director - TMI Program Office

1/1 IER2