

LICENSEE EVENT REPORT

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 0 3 4 1 1 1 1 4 5
7 8 9 LICENSEE CODE 14 15 LICENSE NUMBER 25 26 LICENSE TYPE 30 57 CAT 58

CON'T
0 1 REPORT SOURCE L 6 0 5 0 - 0 3 2 5 7 1 0 2 2 8 2 8 1 1 1 5 8 2 9
7 8 60 61 DOCKET NUMBER 68 69 EVENT DATE 74 75 REPORT DATE 80

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

0 2 During plant shutdown operations, performance of the Suppression Pool Level Indicators
0 3 Operability Test, PT-08.1.6, revealed that indicator 1-CAC-LI-2601-1 showed a level of
0 4 -27", indicator 1-CAC-LI-2601-3 showed a level of -27.5", and indicator 1-CAC-LR-2602
0 5 showed a level of -29". A check of the local level indicator showed a level of -26"
0 6 which exceeded the specified upper limit of -27" and is being reported in LER 1-82-114.
0 7 This event did not affect the health and safety of the public.

0 8 Technical Specifications 3.3.5.3, 6.9.1.9b

0 9 SYSTEM CODE CAUSE CODE CAUSE SUBCODE COMPONENT CODE COMP. SUBCODE VALVE SUBCODE
I E 11 B 12 A 13 I N S T R U 14 T 15 Z 16
7 8 9 10 11 12 13 18 19 20

17 LER/RO REPORT NUMBER 18 2 21 22 23 24 26 27 28 29 30 31 32 REVISION NO.
X 18 C 19 Z 20 Z 21 0 0 0 0 22 Y 23 Y 24 N 25 B 0 4 C 26
33 34 35 36 37 40 41 42 43 44 47

ACTION TAKEN FUTURE ACTION EFFECT ON PLANT SHUTDOWN METHOD HOURS ATTACHMENT SUBMITTED NPRD-4 FORM SUB. PRIME COMP. SUPPLIER COMPONENT MANUFACTURER
X 18 C 19 Z 20 Z 21 0 0 0 0 22 Y 23 Y 24 N 25 B 0 4 C 26
33 34 35 36 37 40 41 42 43 44 47

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

1 0 A change in the trickle flow to the wet reference leg of the LI-2601-1, 3 indicator
1 1 transmitter, LT-2601, Model BQ15221, caused an incorrect input signal to the indicators.
1 2 At the time of investigation LR-2602 was found operating with specified tolerances.
1 3 The LT-2601 reference leg trickle flow was properly adjusted and the LI-2601-1, 3
1 4 indicators were returned to service.

1 5 FACILITY STATUS % POWER OTHER STATUS 30 METHOD OF DISCOVERY DISCOVERY DESCRIPTION 32
G 28 0 0 0 29 NA B 31 Periodic Test
7 8 9 10 11 12 13 44 45 46 80

1 6 ACTIVITY CONTENT RELEASED OF RELEASE AMOUNT OF ACTIVITY 35 LOCATION OF RELEASE 36
Z 33 Z 34 NA NA
7 8 9 10 11 44 45 80

1 7 PERSONNEL EXPOSURES NUMBER TYPE DESCRIPTION 39
0 0 0 37 Z 38 NA
7 8 9 10 11 12 13 80

1 8 PERSONNEL INJURIES NUMBER DESCRIPTION 41
0 0 0 40 NA
7 8 9 10 11 12 80

1 9 LOSS OF OR DAMAGE TO FACILITY TYPE DESCRIPTION 43
Z 42
7 8 9 10 80

2 0 PUBLICITY ISSUED DESCRIPTION 45
N 44 NA
7 8 9 10 68 69 80

NAME OF PREPARER M. J. PASTVA, JR.

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LER ATTACHMENT - RO #1-82-136

Facility: BSEP Unit No. 1

Event Date: October 22, 1982

During plant shutdown operations, a comparison of RTGB indications of suppression chamber water level revealed a 1 1/2-2-inch discrepancy between the indications exhibited by the narrow and wide range instruments. The suppression pool level indicators operability test, PT-08.1.6, was then performed which revealed the following: indicator 1-CAC-LI-2601-1 showed -27", indicator 1-CAC-LI-2601-3 showed -27.5 inches, and indicator 1-CAC-LR-2602 showed -29 inches. A check of the local level sightglass indicator showed a level of -26 inches which exceeds the allowable upper level specification and is being reported in LER 1-82-114.

When an investigation was conducted to determine the cause of the indication discrepancies, instrument LR-2602 and its respective instrument transmitter LT-2602 were found operating within specified tolerances. Indicators LI-2601-1 and 3 were found operating out of tolerance due to a change in trickle flow to the wet reference leg of the indicators common transmitter, LT-2601.

The trickle flow to the wet reference leg of the LT-2601 transmitter, Bailey Instruments Company, Inc., Model No. BQ15221, was properly adjusted and both indicators LI-2601-1 and 3 were returned to service showing expected indications.

As a result of previously reported events involving this instrumentation on both units, plant modification packages (80-78 for Unit No. 1 and 80-99 for Unit No. 2) have been developed. These modifications will install a condensing pot in the reference leg of each subject instrument transmitter in order to increase the accuracy and reliability of these instruments. In addition, these modifications will remove the present requirement to have trickle flow in each subject reference leg to ensure it is full.