

LICENSEE EVENT REPORT

CONTROL BLOCK: _____ (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 14 15 25 26 30 57 CAT 58

CONT
0 1 | REPORT SOURCE | L | 6 | 0 5 0 - 0 3 2 5 | 7 | 0 9 2 1 7 9 | 8 | 1 0 0 3 7 9 | 9
7 8 60 61 68 69 74 75 80

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)
0 2 | A review of the reactor vessel water level instrumentation following the receipt of
0 3 | General Electric Service Information Letter No. 299 resulted in the identification of
0 4 | a potential inaccuracy which could occur under the unusual condition of a very high
0 5 | drywell temperature characterized by accident conditions. The effect of this in-
0 6 | accuracy is acceptable from a safety stand point, but it could result in a reduction
0 7 | in redundancy of the initiating signals of some Emergency Core Cooling Systems and
0 8 | lead to some misinterpretation of actual vessel level by the operator.

7 8 9 Technical Specifications 3.3.3 6.9a
SYSTEM CODE CAUSE CODE CAUSE SUBCODE COMPONENT CODE COMP. SUBCODE VALVE SUBCODE
0 9 | I B | 11 | B | 12 | A | 13 | I N S T R U | 14 | E | 15 | Z | 16
7 8 9 10 11 12 13 18 19 20
17 LER/RO REPORT NUMBER EVENT YEAR SHUTDOWN METHOD SEQUENTIAL REPORT NO. OCCURRENCE CODE REPORT TYPE REVISION NO.
7 9 | 7 9 | 21 22 | — | 23 | 0 7 0 | 24 26 | / | 0 3 | 28 29 | L | 30 | — | 0 | 32
ACTION TAKEN FUTURE ACTION EFFECT ON PLANT SHUTDOWN METHOD HOURS ATTACHMENT SUBMITTED NPRD-4 FORM SUB. PRIME COMP. SUPPLIER COMPONENT MANUFACTURER
G | 18 | Z | 19 | Z | 20 | Z | 21 | 0 0 0 0 | 22 | Y | 23 | Y | 24 | N | 25 | Y 0 1 0 | 26
33 34 35 36 37 40 41 42 43 44 47

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)
1 0 | Large increases in drywell temperature, such as those that could occur during a pipe
1 1 | rupture in the drywell, would cause the reference leg of the varway level indications
1 2 | to heat up. As the reference leg temperatures increase, its density will decrease
1 3 | causing a decreasing D/P. This decreasing D/P would register as an increasing vessel
1 4 | level on the D/P cell indicator and the remote indication. (Continued)

FACILITY STATUS % POWER OTHER STATUS METHOD OF DISCOVERY DISCOVERY DESCRIPTION
1 5 | E | 28 | 0 6 3 | 29 | NA | 30 | D | 31 | Vendor Notification | 32
7 8 9 10 12 13 44 45 46 80

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

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

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

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

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

NAME OF PREPARER A. C. Tollison, Jr. PHONE: 919-457-9521

1135 243
7910 316

LER CONTINUATION -- RO# 1-79-070

Facility: BSEP Unit No. 1

Event Date: 9-21-79

Technical Specifications 3.3.3, 6.9.1.9a

CAUSE DESCRIPTION AND CORRECTIVE ACTION:

The initiation setpoints and accident conditions were evaluated and plant modifications were written to raise the setpoints to assure proper functioning under worst case drywell conditions. Revisions were made to the Operating Manual to reflect the new setpoints, warn the operator of the potential sensitivity of the yarway level indicators to drywell temperature, and provide additional guidance on the initiation and securing of ECCS equipment.

While review of plant design and performance is a continuing evaluation, this is considered an isolated event and no further action is required.

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