

LICENSEE EVENT REPORT

CONTROL BLOCK

(PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

01 N J S G S 2 0 0 - 0 0 0 0 0 0 - 0 0 3 4 1 1 1 1 4 5
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

CONT

01 REPORT SOURCE 1 E 0 5 0 0 0 3 1 1 7 0 7 2 3 8 1 E 0 8 2 1 8 1 5
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

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

02 On July 23, 1981, while performing the S.S.P.S. periodic test, SP(O)4.3.2.1.1(e-b),
03 the operator discovered that logic A switch in position 1 did not function properly
04 in modes blocks inhibit and not inhibited. Switch position 1 tests the loss of flow
05 loop 1 circuitry. S.S.P.S. train B was declared inoperable and limiting condition
06 for operation (L.C.O.) 3.3.1, table 3.3-1, action 1 was entered at 0930 hours on
07 July 23, 1981.

08
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

09
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

17 LER RO REPORT NUMBER 8 1
18 SYSTEM CODE I A 11
19 CAUSE CODE E 12
20 CAUSE SUBCODE A 13
21 COMPONENT CODE I N S T R U 14
22 COMP SUBCODE Y 15
23 VALVE SUBCODE Z 16
24 SEQUENTIAL REPORT NO 0 7 2
25 OCCURRENCE CODE 0 3
26 REPORT TYPE X
27 REVISION NO 1
28 ACTION TAKEN A 18
29 FUTURE ACTION Z 19
30 EFFECT ON PLANT Z 20
31 SHUTDOWN METHOD Z 21
32 HOURS 0 0 0 0
33 ATTACHMENT SUBMITTED Y 23
34 NPD-4 FORM SUB N 24
35 PRIME COMP SUPPLIER N 25
36 COMPONENT MANUFACTURE W 1 2 0 3

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

10 Equipment failure. Universal board serial No. 0156 had failed. Universal board
11 serial No. 0156 was replaced in kind by universal board serial No. 0220. S.S.P.S.
12 train B was tested satisfactorily and returned to service. L.C.O. 3.3.1, table
13 3.3-J, action 1 was terminated at 1145 hours on July 23, 1981.

14
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

15 FACILITY STATUS C 28
16 % POWER 0 0 0 29
17 OTHER STATUS N/A 30
18 METHOD OF DISCOVERY B 31
19 DISCOVERY DESCRIPTION S.S.P.S. periodic test. 32

16 ACTIVITY CONTENT RELEASED OF RELEASE Z 33
17 AMOUNT OF ACTIVITY NA 34
18 LOCATION OF RELEASE NA 35

17 PERSONNEL EXPOSURES NUMBER 0 0 0 37
18 TYPE Z 38
19 DESCRIPTION NA 39

18 PERSONNEL INJURIES NUMBER 0 0 0 40
19 DESCRIPTION NA 41

19 LOSS OF OR DAMAGE TO FACILITY TYPE Z 42
20 DESCRIPTION NA 43

20 PUBLICITY ISSUED N 44
21 DESCRIPTION NA 45

NRC USE ONLY

T. Varga

PHONE 609-935-5100

Report Number: 81-72/03X-1
Report Date: 8-21-81
Occurrence Date: 7-23-81
Facility: Salem Generating Station, Unit 2
Public Service Electric & Gas Company
Hancocks Bridge, New Jersey 08038

IDENTIFICATION OF OCCURRENCE:

Solid State Protection System (S.S.P.S.) Train B - Inoperable
This report was initiated by Incident Report 81-284.

CONDITIONS PRIOR TO OCCURRENCE:

Mode 2 - Rx Power 10^{-8} amp - Unit Load 0 MWe

DESCRIPTION OF OCCURRENCE:

On July 23, 1981, while performing the S.S.P.S. periodic test, SP(O)4.3.2.1.1(e-b), the operator discovered that logic A switch in position 1 did not function properly in mode blocks inhibit and not inhibited. Switch position 1 tests the loss of flow loop 1 circuitry. S.S.P.S. train B was declared inoperable and Limiting Condition For Operation (L.C.O.) 3.3.1, table 3.3-1, action 1 was entered at 0930 hours on July 23, 1981.

This occurrence constituted operation in a degraded mode in accordance with technical specification 6.9.1.9.b.

DESIGNATION OF APPARENT CAUSE OF OCCURRENCE:

Equipment failure. Universal board serial No. 0156 had failed.

ANALYSIS OF OCCURRENCE:

L.C.O. 3.3.1, table 3.3-1, action 1 states:

With the number of channels operable one less than required by the minimum channels operable requirement, be in hot standby within 6 hours.

CORRECTIVE ACTION:

Universal board serial No. 0156 was replaced in kind by universal board serial No. 0220. S.S.P.S. train B was tested satisfactorily and returned to service. L.C.O. 3.3.1, table 3.3-1, action 1 was terminated at 1145 hours on July 23, 1981.

FAILURE DATA:

Westinghouse Universal Board
Serial No. 0156
Part No. 6056D21601

Prepared By J. Varga

SORC Meeting No. 81-80

H. J. Repidura
Manager - ~~Salom~~ Generating Station