

CONTROL BLOCK

(PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

01 N C B 8 P 2 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

REPORT
SOURCE

L 6 0 5 0 - 0 3 2 4 7 1 0 1 0 8 3 8 1 1 0 8 8 3 9
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 Routine RTGB surveillance during unit power operation revealed a lack of position
03 indication for PCIV B32-F005A, located at RIP X-245D. The investigation of this
04 event revealed the valve solenoid operator power supply fuse, FJ-1, had blown, thereby
05 defeating the capability of the valve to automatically close on line excess flow.
06 F005A is the root isolation for A reactor recirculation pump seal chamber pressure
07 sensing instrumentation. This event did not affect the health and safety of the
08 public. Technical Specifications 3.6.3, 6.9.1.9b

09 SYSTEM CODE CAUSE CODE CAUSE SUBCODE COMPONENT CODE COMP. SUBCODE VALVE SUBCODE
S D 11 X 12 Z 13 V A L V B X 14 F 15 D 16
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 3 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

ACTION TAKEN FUTURE ACTION EFFECT ON PLANT SHUTDOWN METHOD HOURS ATTACHMENT SUBMITTED NRC-4 FORM SUB. PRIME COMP. SUPPLIER COMPONENT MANUFACTURER
X 18 Z 19 Z 20 Z 21 0 0 0 0 0 0 N 23 Y 24 N 25 A 5 5 2 26
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

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS 27

10 Water splasher from housekeeping washing intruded into the valve operator power
11 supply junction box causing FJ-1 to blow due to electrical grounding. The water was
12 removed from the junction box, FJ-1 was replaced, and F005A, Model No. 1985, was
13 returned to service. Appropriate Plant Services housekeeping personnel have been
14 counseled to utilize protective coverings as required during future similar housekeeping

15 FACILITY STATUS 4 POWER OTHER STATUS METHOD OF DISCOVERY DISCOVERY DESCRIPTION
E 28 0 9 9 29 NA A 31 Operator Surveillance
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

16 ACTIVITY CONTENT RELEASED OF RELEASE AMOUNT OF ACTIVITY LOCATION OF RELEASE
Z 33 Z 34 NA NA
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 PERSONNEL EXPOSURES NUMBER TYPE DESCRIPTION
0 0 0 0 37 Z 38 NA
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

18 PERSONNEL INJURIES NUMBER DESCRIPTION
0 0 0 0 40
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

19 LOSS OF OR DAMAGE TO FACILITY TYPE DESCRIPTION
Z 42
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

20 PUBLICITY ISSUED DESCRIPTION
N 44 NA
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

21 NRC USE ON Y

NAME OF PREPARED

M. J. Pastva, Jr.

PHONE

919-457-9521

CP&L

Carolina Power & Light Company

COPY

Brunswick Steam Electric Plant
P. O. Box 10429
Southport, NC 28461-0429
November 8, 1983

Hardin
Close Report # 83-39

FILE: B09-13510C
SERIAL: BSEP/83-3630

Mr. James P. O'Reilly, Administrator
U. S. Nuclear Regulatory Commission
Region II, Suite 3100
101 Marietta Street N.W.
Atlanta, GA 30303

TO Austin HARDIN
FROM Dennis Myers

BRUNSWICK STEAM ELECTRIC PLANT, UNIT NO. 2
DOCKET NO. 50-324
LICENSE NO. DPR-62
LICENSEE EVENT REPORT 2-83-89

Dear Mr. O'Reilly:

In accordance with Section 6.9.1.9b of the Technical Specifications for Brunswick Steam Electric Plant, Unit No. 2, the enclosed Licensee Event Report is submitted. This report fulfills the requirement for a written report within thirty (30) days of a reportable occurrence and is in accordance with the format set forth in NUREG-0161, July 1977.

Very truly yours,

ORIGINAL SIGNED BY:

C. R. DIETZ

C. R. Dietz, General Manager
Brunswick Steam Electric Plant

8311190300
RMP/clb/LETC1

Enclosure

cc: Mr. R. C. DeYoung
NRC Document Control Desk

bcc: Mr. D. L. Bensinger
Mr. J. E. Bohannon
Mr. R. M. Coats
Mr. A. B. Cutter
Mr. J. S. Dietrich/
File: B-X-545
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Mr. P. W. Howe
Dr. J. D. E. Jeffries
Mr. I. A. Johnson
Mr. L. E. Jones
Mr. L. H. Martin
Mr. C. H. Moseley

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DEPUTY ADMINISTRATOR
ASST TO ADMINISTRATOR
DIRECTOR, PRP
DIRECTOR, EOP
DIRECTOR, EPMSP
DIRECTOR, RMA

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