

LICENSEE EVENT REPORT

CONTROL BLOCK: 1 2 3 4 5 6 ①

(PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

⑦ ⑧ ⑨ N C B E P 1 ② 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

CONT

⑦ ⑧ ⑨ L ⑥ 0 5 0 - 0 3 2 5 ⑦ 0 7 0 9 8 3 ⑧ 0 8 0 8 8 3 ⑨
7 8 9 REPORT SOURCE 60 61 DOCKET NUMBER 62 69 EVENT DATE 74 75 REPORT DATE 80

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES ⑩

⑦ ⑧ ⑨ During the performance of Diesel Generator Actual Loading Test, PT-12.1.1, it was
⑦ ⑧ ⑨ discovered that ECCS actuation instrument time delay relay of 1A core spray pump
⑦ ⑧ ⑨ 1-E21-K16A, actuated at 13.92 seconds versus the specified actuation time of 14-15
⑦ ⑧ ⑨ seconds. At the time of this event Unit No. 1 was in a refueling outage and
⑦ ⑧ ⑨ Unit No. 2 was at power operation. This event did not affect the health and safety
⑦ ⑧ ⑨ of the public.

⑦ ⑧ ⑨ Technical Specifications 3.3.3, 3.5.3.1, 6.9.1.9a 80

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

⑦ ⑧ ⑨ LER/RO REPORT NUMBER ⑰ ⑱ ⑲ ⑳ ㉑ ㉒ ㉓ ㉔ ㉕ ㉖ ㉗ ㉘ ㉙ ㉚ ㉛ ㉜ ㉝ ㉞ ㉟
7 8 9 21 22 23 24 26 27 28 29 30 31 32

⑦ ⑧ ⑨ ACTION FUTURE EFFECT SHUTDOWN HOURS ATTACHMENT NPRD-4 PRIME COMP. COMPONENT
TAKEN ACTION ON PLANT METHOD 22 SUBMITTED FORM SUB. SUPPLIER MANUFACTURER
⑦ ⑧ ⑨ X ⑱ Z ⑲ Z ⑳ Z ㉑ 0 0 0 0 ㉒ Y ㉓ Y ㉔ N ㉕ A 1 0 9 ㉖
33 34 35 36 37 40 41 42 43 44 47

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS ㉗

⑦ ⑧ ⑨ This event occurred because K16A, Model No. 7012PC, and the permissive relays to it,
⑦ ⑧ ⑨ STR/1A-1 and 1A-2, both Model No. 7014PD, were actuating at the lower end of their
⑦ ⑧ ⑨ allowable setpoint tolerances, attributed to instrument setpoint drift. The relays
⑦ ⑧ ⑨ were calibrated and K16A was left actuating at 14.95 seconds. This is considered an
⑦ ⑧ ⑨ isolated event; therefore, further action is not considered necessary.

⑦ ⑧ ⑨ FACILITY STATUS ㉘ ㉙ ㉚ ㉛ ㉜ ㉝ ㉞ ㉟ ㊱ ㊲ ㊳ ㊴ ㊵ ㊶ ㊷ ㊸ ㊹ ㊺ ㊻ ㊼ ㊽ ㊾ ㊿
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⑦ ⑧ ⑨ ACTIVITY CONTENT RELEASED OF RELEASE AMOUNT OF ACTIVITY ㉞ ㉟ ㊱ ㊲ ㊳ ㊴ ㊵ ㊶ ㊷ ㊸ ㊹ ㊺ ㊻ ㊼ ㊽ ㊾ ㊿
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⑦ ⑧ ⑨ PERSONNEL EXPOSURES NUMBER TYPE DESCRIPTION ㉞ ㉟ ㊱ ㊲ ㊳ ㊴ ㊵ ㊶ ㊷ ㊸ ㊹ ㊺ ㊻ ㊼ ㊽ ㊾ ㊿
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⑦ ⑧ ⑨ PERSONNEL INJURIES NUMBER DESCRIPTION ㉞ ㉟ ㊱ ㊲ ㊳ ㊴ ㊵ ㊶ ㊷ ㊸ ㊹ ㊺ ㊻ ㊼ ㊽ ㊾ ㊿
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⑦ ⑧ ⑨ LOSS OF OR DAMAGE TO FACILITY TYPE DESCRIPTION ㉞ ㉟ ㊱ ㊲ ㊳ ㊴ ㊵ ㊶ ㊷ ㊸ ㊹ ㊺ ㊻ ㊼ ㊽ ㊾ ㊿
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⑦ ⑧ ⑨ PUBLICITY ISSUED DESCRIPTION ㉞ ㉟ ㊱ ㊲ ㊳ ㊴ ㊵ ㊶ ㊷ ㊸ ㊹ ㊺ ㊻ ㊼ ㊽ ㊾ ㊿
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PDR ADOCK 05000325
S PDR

NRC USE ONLY

NAME OF PREPARER M. J. Pastva, Jr.

PHONE (919) 457-9521

LER ATTACHMENT - RO #1-83-28

Facility: Unit No. 1

Event Date: July 9, 1983

Performance of diesel generator actual loading test, PT-12.1.1, revealed ECCS actuation instrument time delay relay of 1A core spray pump, 1-E21-K16A, actuated at 13.92 seconds as determined from the test strip recorder versus the technical specifications requirement of 14-16 seconds. K16A, Agastat model No. 7012PC, receives input from permissive relays STR/1A-1 and 1A-2, both Agastat model No. 7014PD. In this case, the three relays were each actuating at the lower end of their specified setpoint tolerances attributable to instrument setpoint. The specified setpoint tolerances and as found actuation setpoints of the relays are as follows:

<u>Instrument</u>	<u>Specified Setpoint Tolerance (seconds)</u>	<u>As Found (seconds)</u>
K16A	5 ± 0.25	4.91
STR/1A-1	10 ± 0.75	9.31
STR/1A-2	10 ± 0.75	9.49

The relays were then calibrated in accordance with RHR and Core Spray System pump start time delay relays calibration, PT-56.1PC, with the following as left actuation setpoint times: K16A - 4.91 seconds, STR/1A-1 - 10.04 seconds, and STR/1A-2 - 10.11 seconds. This resulted in an actuation setpoint of 14.95 seconds for K16A.

A review showed this is an isolated reportable event; therefore, further action regarding this event is not planned.



USNRG REGION II
ATLANTA, GEORGIA

Carolina Power & Light Company

88 AUG 15 A9:43

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

August 8, 1983

FILE: B09-13510C
SERIAL: BSEP/83-2556

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

BRUNSWICK STEAM ELECTRIC PLANT, UNIT NO. 1
DOCKET NO. 50-325
LICENSE NO. DPR-71
LICENSEE EVENT REPORT 1-83-28

Dear Mr. O'Reilly:

In accordance with Section 6.9.1.9b of the Technical Specifications for Brunswick Steam Electric Plant, Unit No. 1, 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,

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

RMP/dj/LETDJ5

Enclosure

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

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