

LICENSEE EVENT REPORT

CONTROL BLOCK:

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 (PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

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9

7 8 60 61 68 69 74 75 80

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

0 2 During unit power operation while performing HPCI System Operability Test, PT-09.2,

0 3 the average temperature of the suppression pool water exceeded the specified maximum

0 4 allowed temperature of 105°F with a recorded value of 106°F. This event did not

0 5 affect the health and safety of the public.

0 6

0 7

0 8 Technical Specifications 3.6.2.1, 6.9.1.9b

7 8 9 80

0	9
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S	B
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X

Z

Z	Z	Z	Z	Z	Z
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Z

Z

9 10 11 12 13 18 19 20
17 LER/RO REPORT NUMBER

8	3
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0	3
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21 22 23 24 26 27 28 29 30 31 32
ACTION TAKEN

X

G

Z

Z

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N

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33 34 35 36 37 40 41 42 43 44 47
CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

1 0 The high seasonal inlet temperature of the RHR heat exchanger cooling medium

1 1 service water, along with an extended run time of the HPCI turbine, caused the event.

1 2 The temperature was lowered to < 95°F by securing the HPCI turbine and utilizing the

1 3 other RHR heat exchanger for suppression pool cooling. The PT will be revised to

1 4 help prevent future similar events.

7 8 9 80

1	5
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E

0	9	3
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NA

B

Periodic Test

7 8 9 10 12 13 44 45 46 80
FACILITY STATUS

E

 % POWER

0	9	3
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 OTHER STATUS

NA

 METHOD OF DISCOVERY

B

 DISCOVERY DESCRIPTION

Periodic Test

11 12 13 44 45 46 80
ACTIVITY CONTENT

Z

Z

NA

 LOCATION OF RELEASE

NA

7 8 9 10 11 44 45 80
RELEASED OF RELEASE

Z

Z

 AMOUNT OF ACTIVITY

NA

7 8 9 10 11 44 45 80
PERSONNEL EXPOSURES NUMBER

0	0	0
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 TYPE

Z

 DESCRIPTION

NA

7 8 9 11 12 13 80
PERSONNEL INJURIES NUMBER

0	0	0
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 DESCRIPTION

NA

7 8 9 11 12 80
LOSS OF OR DAMAGE TO FACILITY TYPE

Z

 DESCRIPTION

NA

7 8 9 10 80
PUBLICATION DESCRIPTION

NA

7 8 9 10 80
ISSUED DESCRIPTION

NA

7 8 9 10 80

NAME OF PREPARER M. J. Pastva, Jr.

PHONE 919-457-9521

NRC USE ONLY

LER ATTACHMENT - RO #2-83-71

Facility: BSEP Unit No. 2

Event Date: July 29, 1983

During unit power operation, while performing the HPCI System Operability Test, PT-09.2, the average temperature of the suppression pool water exceeded specifications for testing with a recorded value of 106°F. The specified maximum allowed temperature of the suppression pool water, while in testing, is 105°F.

This event resulted from an extended run time of the HPCI System turbine combined with a high seasonal inlet temperature of plant service water utilized as the cooling medium in the suppression pool cooling mode of the RHR System. The extended run time of the HPCI System turbine was due to the amount of time that it took to perform a required visual inspection of the HPCI System during its operation.

In preparation for performing the PT, suppression pool cooling had been placed into service utilizing the B loop of RHR with one RHR System pump and one RHRSW System pump, and the suppression pool water average temperature was then reduced from 91°F to 88°F. When the PT was begun, the suppression pool water average temperature was being monitored at one-minute intervals. The HPCI System turbine was run approximately 17 minutes at which time it was secured due to the suppression water temperature reaching 106°F, and at which time, the required visual inspection of the HPCI System was completed.

Following the securing of the HPCI System turbine, an additional RHR pump and an RHRSW pump were started on the B loop of RHR suppression pool cooling and within 1.5 hours, the recorded average temperature of the suppression pool was < 95°F. The PT was subsequently satisfactorily completed.

As a result of this event, PT-09.2 will be revised by September 15, 1983, such that during performance of the PT, should suppression pool temperature reach 104°F, the HPCI System turbine will be immediately secured. In addition, appropriate licensed plant Operations personnel will review this report to ensure their awareness of this event.



Carolina Power & Light Company

USNRC REGION II
ATLANTA, GEORGIA

83 AUG 29 9:27

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

August 26, 1983

FILE: B09-13510C
SERIAL: BSEP/83-2845

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

BRUNSWICK STEAM ELECTRIC PLANT, UNIT NO. 2
DOCKET NO. 50-324
LICENSE NO. DPR-62
LICENSEE EVENT REPORT 2-83-71

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,

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

RMP/shb/LETSB2

Enclosure

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

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