



Carolina Power & Light Company

Brunswick Nuclear Project
P. O. Box 10429
Southport, NC 28461-0429

April 11, 1990

FILE: B09-13510C
SERIAL: BSEP/90-0323

10CFR50.73

U.S. Nuclear Regulatory Commission
ATTN: Document Control Desk
Washington, DC 20555

BRUNSWICK STEAM ELECTRIC PLANT UNIT 2
DOCKET NO. 50-324
LICENSE NO. DPR-62
LICENSEE EVENT REPORT 2-90-003

Gentlemen:

In accordance with Title 10 to the Code of Federal Regulations, 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-1022, September 1983.

Very truly yours,

J. L. Harness, General Manager
Brunswick Nuclear Project

TMJ/mcg

Enclosure

cc: Mr. S. D. Ebner
Mr. E. G. Tourigny
BSEP NRC Resident Office

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LICENSEE EVENT REPORT (LER)

ESTIMATED BURDEN PER RESPONSE TO COMPLY WITH THIS INFORMATION COLLECTION REQUEST: 600 HRS. FORWARD COMMENTS REGARDING BURDEN ESTIMATE TO THE RECORDS AND REPORTS MANAGEMENT BRANCH (P-630), U.S. NUCLEAR REGULATORY COMMISSION, WASHINGTON, DC 20555, AND TO THE PAPERWORK REDUCTION PROJECT (3150-0104), OFFICE OF MANAGEMENT AND BUDGET, WASHINGTON, DC 20503.

FACILITY NAME (1)

Brunswick Steam Electric Plant Unit 2

DOCKET NUMBER (2)

0 5 0 0 0 3 2 4 1 OF 0 1

PAGE (3)

TITLE (4) Main Steam Line Isolation Valve Closure Caused by an Isolation Signal During the Performance of a Periodic Test on the Main Steam Line High Tunnel Temperature Switches

EVENT DATE (5)			LER NUMBER (6)			REPORT DATE (7)			OTHER FACILITIES INVOLVED (8)		
MONTH	DAY	YEAR	YEAR	SEQUENTIAL NUMBER	REVISION NUMBER	MONTH	DAY	YEAR	FACILITY NAMES		
03	12	90	90	003	00	04	11	90			
OPERATING MODE (9)			THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10 CFR § (Check one or more of the following) (11)								
2			20.402(b)			20.405(c)			<input checked="" type="checkbox"/> 60.73(a)(2)(iv)		
POWER LEVEL (10)			20.405(a)(1)(i)			60.38(a)(1)			73.71(b)		
0 0 1			20.405(a)(1)(ii)			60.38(a)(2)			73.71(c)		
			20.405(a)(1)(iii)			60.73(a)(2)(i)			<input type="checkbox"/> OTHER (Specify in Abstract below and in Text, NRC Form 306A)		
			20.405(a)(1)(iv)			60.73(a)(2)(ii)			<input type="checkbox"/> 60.73(a)(2)(viii)(A)		
			20.405(a)(1)(v)			60.73(a)(2)(iii)			<input type="checkbox"/> 60.73(a)(2)(viii)(B)		
						60.73(a)(2)(iv)			<input type="checkbox"/> 60.73(a)(2)(ix)		

LICENSEE CONTACT FOR THIS LER (12)

NAME

Terri M. Jones, Regulatory Compliance Specialist

TELEPHONE NUMBER

AREA CODE

9 1 9 4 5 7 - 2 0 3 9

COMPLETE ONE LINE FOR EACH COMPONENT FAILURE DESCRIBED IN THIS REPORT (13)

CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NRC	CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NRC

SUPPLEMENTAL REPORT EXPECTED (14)

☒ YES (If yes, complete EXPECTED SUBMISSION DATE)

NO

EXPECTED SUBMISSION DATE (15)

MONTH DAY YEAR

0 5 1 1 9 0

ABSTRACT (Limit to 1400 spaces, i.e., approximately fifteen single space typewritten lines) (16)

On March 12, 1990, start up was in progress on the Unit 2 reactor after the 1989/1990 refuel and maintenance outage. Reactor pressure was approximately 150 psig and power was at approximately one percent. At 2120, a full group 1 isolation signal was received resulting in automatic closure of the main steam line isolation valves. The event occurred while Operations was performing a periodic test on the main steam line high tunnel temperature switches and was the result of a failure to reset a half scram signal on the A channel prior to continuing with the test on the B channel of the associated instrumentation. An investigation into this event is continuing. The results will be provided in a supplement to this report by May 11, 1990. This event had no safety significance as the pressure transient at 150 psig is well below the full power main steam line isolation valve closure event to which the plant is designed.