

# CP&L

Carolina Power & Light Company

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

December 27, 1990

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10CFR50.73

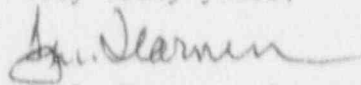
U.S. Nuclear Regulatory Commission  
ATTN: Document Control Desk  
Washington, D. C. 20555

BRUNSWICK STEAM ELECTRIC PLANT UNIT 1  
DOCKET NO. 50-325  
LICENSE NO. DRP-71  
LICENSEE EVENT REPORT 1-90-026

Gentlemen:

In accordance with Title 10 of 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 submitted in accordance with the format set forth in NUREG-1022, September 1983.

Very truly yours,



J. L. Harness, General Manager  
Brunswick Nuclear Project

TMJ/

Enclosure

cc: Mr. S. D. Ebnetter  
Mr. N. B. Le  
BSEP NRC Resident Office

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ESTIMATED BURDEN PER RESPONSE TO COMPLY WITH THIS INFORMATION COLLECTION REQUEST: 50.0 HRS. FORWARD COMMENTS REGARDING BURDEN ESTIMATE TO THE RECORDS AND REPORTS MANAGEMENT BRANCH (P-530), U.S. NUCLEAR REGULATORY COMMISSION, WASHINGTON, DC 20555, AND TO THE PAPERWORK REDUCTION PROJECT (3150-0104), OFFICE OF MANAGEMENT AND BUDGET, WASHINGTON, DC 20503.

# LICENSEE EVENT REPORT (LER)

FACILITY NAME (1) Brunswick Steam Electric Plant Unit 1

DOCKET NUMBER (2)  
05000325

PAGE (3)

01 OF 01

TITLE (4) DRYWELL FIRE/SECONDARY CONTAINMENT MANUAL ISOLATION IN TEMPORARY CABLE TRAY

EVENT DATE (5)			LER NUMBER (6)			REPORT DATE (7)			OTHER FACILITIES INVOLVED (8)	
MONTH	DAY	YEAR	YEAR	SEQ. NO.	REV. NO.	MONTH	DAY	YEAR	FACILITY NAME	DOCKET NUMBER
12	03	90	90	- 026	- 00	12	27	90		

OPERATING MODE (9)	POWER LEVEL (10)	THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10 CFR §: (Check one or more of the following) (11)							
		20.402(b)	20.405(c)	50.73(a)(2)(iv)	73.71(b)	20.405(a)(1)(i)	50.36(c)(1)	50.73(a)(2)(v)	73.71(c)
5	000			<input checked="" type="checkbox"/>					
									OTHER (Specify in Abstract and Text)

LICENSEE CONTACT FOR THIS LER (12)

NAME THERESA M. JONES, REGULATORY COMPLIANCE SPECIALIST

TELEPHONE NUMBER

(919) 457-2039

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

CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NPRDS	CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NPRDS

SUPPLEMENTAL REPORT EXPECTED (14)

X	YES (If yes, complete EXPECTED SUBMISSION DATE)	NO	EXPECTED SUBMISSION DATE (15)	MONTH	DAY	YEAR

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

On December 3, 1990, at 0419 a fire in the Unit 1 Reactor Building (RB) Drywell Personnel Access was reported to the control room. Unit 1 was defueled with the reactor vessel drained down for a 1990/91 Refuel/Maintenance Outage and the recirculation piping was being replaced. Smoke indications on the drywell video monitors were noted by fire watch personnel at approximately 0400 and communications with the control room were established at that time. At approximately 0415, a small electrical fire in a temporary cable tray, located in the drywell personnel access, was discovered. The control room was notified, the fire brigade was dispatched and non-essential personnel in the RB were evacuated at 0420. An Unusual Event (UE) was declared at 0429. The RB ventilation system was manually secured during the event to prevent ventilating the fire. Initial fire fighting efforts from outside of the drywell at the personnel access were unsuccessful due to fire accessibility problems. Efforts were then initiated from inside of the drywell via the equipment hatch. At 0545 the fire was extinguished and fire fighting personnel were demobilized. At 0552 the UE was terminated. A drywell fire assessment team has been initiated. The root cause, damage assessment, clean up and determinations of corrective actions to prevent recurrence are expected this week with the final determinations to support Unit restart to be completed by January 31, 1991. A supplement to this report will be provided by February 8, 1991. Minimal safety significance, the fire brigade responded, damage was limited, the unit was defueled and a radiation release was not made.