



Carolina Power & Light Company  
P.O. Box 10429  
Southport, NC 28461-0429

AUG 08 1996

SERIAL: BSEP 96-0303  
10 CFR 50.73

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

BRUNSWICK STEAM ELECTRIC PLANT, UNIT NOS. 1 AND 2  
DOCKET NOS. 50-325 AND 50-324/LICENSE NOS. DPR-71 and DPR-62  
LICENSEE EVENT REPORT 1-96-008

Gentlemen:

In accordance with the Code of Federal Regulations, Title 10, Part 50.73, Carolina Power & Light Company submits the enclosed Licensee Event Report. This voluntary report fulfills the requirement for a written report within thirty (30) days of a reportable occurrence.

Please refer any questions regarding this submittal to Mr. Mark Turkal at (910) 457-3066.

Sincerely,

R. P. Lopshire  
Plant General Manager  
Brunswick Nuclear Plant

SFT/sft

Enclosures

1. Licensee Event Report
2. Summary of Commitments

cc: Mr. S. D. Ebner, Regional Administrator, Region II  
Mr. D. C. Trimble, NRR Project Manager - Brunswick Units 1 and 2  
Mr. C. A. Patterson, Brunswick NRC Senior Resident Inspector  
The Honorable H. Wells, Chairman - North Carolina Utilities Commission

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## LICENSEE EVENT REPORT (LER)

(See reverse for required number of  
digits/characters for each block)ESTIMATED BURDEN PER RESPONSE TO COMPLY WITH THIS MANDATORY INFORMATION  
COLLECTION REQUEST: 50.0 HRS. REPORTED LESSONS LEARNED ARE INCORPORATED INTO  
THE LICENSING PROCESS AND FED BACK TO INDUSTRY. FORWARD COMMENTS REGARDING  
BURDEN ESTIMATE TO THE INFORMATION AND RECORDS MANAGEMENT BRANCH (T-6 F33)  
U.S. NUCLEAR REGULATORY COMMISSION, WASHINGTON, DC 20555-0001, AND TO THE  
PAPERWORK REDUCTION PROJECT (3150-0104), OFFICE OF MANAGEMENT AND BUDGET,  
WASHINGTON, DC 20503.

FACILITY NAME (1)

Brunswick Steam Electric Plant, Unit 1

DOCKET NUMBER (2)

05000325

PAGE (3)

1 OF 1

TITLE (4)

Hurricane Bertha At Brunswick

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 NAME	DOCKET NUMBER
07	12	96	96	-- 08	-- 00	08	08	96	Brunswick, Unit 2	05000324
									FACILITY NAME	DOCKET NUMBER
										05000
OPERATING MODE (9)		01	THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10 CFR 5: (Check one or more) (11)							
POWER LEVEL (10)		100	20.2201(b)			20.2203(a)(2)(v)			50.73(a)(2)(i)	50.73(a)(2)(viii)
			20.2203(a)(1)			20.2203(a)(3)(i)			50.73(a)(2)(ii)	50.73(a)(2)(x)
			20.2203(a)(2)(i)			20.2203(a)(3)(ii)			50.73(a)(2)(iii)	73.71
			20.2203(a)(2)(ii)			20.2203(a)(4)			50.73(a)(2)(iv)	<input checked="" type="checkbox"/> OTHER
			20.2203(a)(2)(iii)			50.36(c)(1)			50.73(a)(2)(v)	Specify in Abstract below or in NRC Form 366A
			20.2203(a)(2)(iv)			50.36(c)(2)			50.73(a)(2)(vii)	

## LICENSEE CONTACT FOR THIS LER (12)

NAME

Steve Tabor, Sr. Analyst, Regulatory Affairs

TELEPHONE NUMBER (Include Area Code)

(910) 457-2178

## 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
X									

## SUPPLEMENTAL REPORT EXPECTED (14)

YES (If yes, complete EXPECTED SUBMISSION DATE).	X	NO
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EXPECTED  
SUBMISSION  
DATE (15)

MONTH DAY YEAR

## ABSTRACT (Limit to 1400 spaces, i.e., approximately 15 single-spaced typewritten lines) (16)

At approximately 1715 hours on July 10, 1996, with both units operating at 100% power, an Unusual Event (UE) was declared due to the issuance of a hurricane warning for Brunswick County by the National Weather Service. Preparations for the hurricane were already in progress in accordance with site procedures. As part of the preparations controlled reactor shutdowns of both units were initiated. Units 1 and 2 were manually scrammed from low power conditions by 0403 and 0545 hours respectively on July 11, 1996. Prior to the projected arrival of hurricane force winds, the Emergency Operations Facility and the Technical Support Center were activated as a precautionary measure. By 1845 hours, both units had reached Cold Shutdown. Mid-day of July 12, 1996, Brunswick experienced sustained winds of 80 mph with gusts to 105 mph for approximately 6 hours. Due to power losses incurred during the hurricane, 29 of the 34 off-site emergency notification sirens became inoperable. With 7 or greater inoperable sirens, a one-hour event notification was issued at 1232 hours in accordance with the requirements of 10 CFR 50.72(b)(1)(v). During the hurricane, periodic roving security and fire watches were suspended when weather conditions presented a threat to the safety of security personnel. At 1623 hours, a one-hour event notification was issued to report the suspension of the roving security watches pursuant to 10 CFR 50.54(x). While security roving watches were suspended, additional security measures were established. These measures effectively maintained Security Plan requirements. Following the event, further review determined that the suspension of the security watches constitutes a loggable event in accordance with 10 CFR 73.71 but did not require invoking 10 CFR 50.54(x). Consequently, this event is being reported in a voluntary LER. By 1801 hours, weather conditions had improved such that security and fire watches were restored. At 2300 hours, the hurricane warning issued for Brunswick County was terminated by the National Weather Service. The UE was terminated at 2337 hours with concurrence from county and state emergency agencies. Plant surveys revealed only superficial damage to plant buildings with apparently no impact to normal plant operations. Prior to unit restart, CP&L worked with local, state, and federal emergency management personnel to ensure that the systems and programs designed to alert the public in an emergency were capable of fulfilling their function and that emergency plans were adequate to assure public protection. On July 17, 1996, at 2114 and 1529 hours respectively, Units 1 and 2 were synchronized to the electrical grid system.

Enclosure  
List of Regulatory Commitments

The following table identifies those actions committed to by Carolina Power & Light Company in this document. Any other actions discussed in the submittal represent intended or planned actions by Carolina Power & Light Company. They are described to the NRC for the NRC's information and are not regulatory commitments. Please notify the Manager-Regulatory Affairs at the Brunswick Nuclear Plant of any questions regarding this document or any associated regulatory commitments.

Commitment	Committed date or outage
NONE	