



MAY 10 2002

SERIAL: BSEP 02-0104
TSC-2001-04

U. S. Nuclear Regulatory Commission
ATTN: Document Control Desk
Washington, DC 20555-0001

BRUNSWICK STEAM ELECTRIC PLANT, UNIT NOS. 1 AND 2
DOCKET NOS. 50-325 AND 50-324/LICENSE NOS. DPR-71 AND DPR-62
IMPLEMENTATION SCHEDULE FOR ALTERNATIVE RADIOLOGICAL SOURCE
TERM LICENSE AMENDMENT (NRC TAC NOS. MB2570 AND MB2571)

Ladies and Gentlemen:

On August 1, 2001 (i.e., Serial: BSEP 01-0063), Carolina Power & Light (CP&L) Company requested revisions to the Technical Specifications for the Brunswick Steam Electric Plant (BSEP), Unit Nos. 1 and 2, to adopt an Alternative Source Term (AST). The AST analyses were performed based on a maximum licensed power level of 2923 megawatts thermal, in order to support CP&L's Extended Power Uprate (EPU) license amendment application dated August 9, 2001 (i.e., Serial: BSEP 01-0086). The EPU license amendment application requested an implementation period of 120 days following the license amendments becoming effective. Therefore, to support coordinated implementation of the AST license amendments with the EPU license amendments, CP&L is requesting, for both BSEP units, an implementation period of 120 days following the AST license amendments becoming effective. The Unit 1 AST license amendment should become effective immediately upon issuance. The Unit 2 AST amendment effective date should be upon completion of Unit 2 Refueling Outage 15 (i.e., B216R1), currently scheduled for March 2003.

Please refer any questions regarding this submittal to Mr. Leonard R. Beller, Supervisor - Licensing/Regulatory Programs, at (910) 457-2073. ✓

Sincerely,

Edward T. O'Neil
Manager - Regulatory Affairs
Brunswick Steam Electric Plant

A009

Document Control Desk
BSEP 02-0104 / Page 2

WRM/wrm

cc: U. S. Nuclear Regulatory Commission, Region II
ATTN: Mr. Luis A. Reyes, Regional Administrator
Sam Nunn Atlanta Federal Center
61 Forsyth Street, SW, Suite 23T85
Atlanta, GA 30303-8931

U. S. Nuclear Regulatory Commission
ATTN: Mr. Theodore A. Easlick, NRC Senior Resident Inspector
8470 River Road
Southport, NC 28461-8869

U. S. Nuclear Regulatory Commission **(Electronic Copy Only)**
ATTN: Ms. Brenda L. Mozafari (Mail Stop OWFN 8G9)
11555 Rockville Pike
Rockville, MD 20852-2738

Ms. Jo A. Sanford
Chair - North Carolina Utilities Commission
P.O. Box 29510
Raleigh, NC 27626-0510

Mr. Mel Fry
Director - Division of Radiation Protection
North Carolina Department of Environment and Natural Resources
3825 Barrett Drive
Raleigh, NC 27609-7221