



UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
WASHINGTON, D. C. 20555

CAROLINA POWER & LIGHT COMPANY, et al.

DOCKET NO. 50-324

BRUNSWICK STEAM ELECTRIC PLANT, UNIT 2

AMENDMENT TO FACILITY OPERATING LICENSE

Amendment No. 145  
License No. DPR-62

1. The Nuclear Regulatory Commission (the Commission) has found that:
  - A. The application for amendment by Carolina Power & Light Company (the licensee), dated November 18, 1987, complies with the standards and requirements of the Atomic Energy Act of 1954, as amended (the Act), and the Commission's rules and regulations set forth in 10 CFR Chapter I;
  - B. The facility will operate in conformity with the application, the provisions of the Act, and the rules and regulations of the Commission;
  - C. There is reasonable assurance (i) that the activities authorized by this amendment can be conducted without endangering the health and safety of the public, and (ii) that such activities will be conducted in compliance with the Commission's regulations;
  - D. The issuance of this amendment will not be inimical to the common defense and security or to the health and safety of the public; and
  - E. The issuance of this amendment is in accordance with 10 CFR Part 51 of the Commission's regulations and all applicable requirements have been satisfied.
2. Accordingly, the license is amended by changes to the Technical Specifications, as indicated in the attachment to this license amendment; and paragraph 2.C.(2) of Facility Operating License No. DPR-62 is hereby amended to read as follows:

(2) Technical Specifications

The Technical Specifications contained in Appendices A and B, as revised through Amendment No. 145, are hereby incorporated in the license. Carolina Power & Light Company shall operate the facility in accordance with the Technical Specifications.

- 3. This license amendment is effective as of the date of its issuance and shall be implemented within 60 days of issuance.

FOR THE NUCLEAR REGULATORY COMMISSION

Elinor G. Adensam, Director  
Project Directorate II-1  
Division of Reactor Projects I/II

Attachment:  
Changes to the Technical  
Specifications

Date of Issuance: March 15, 1988

LA:PD21:DRPR  
PAnderson  
2/29/88

PD:PD21:DRPR  
ESylvester/aly  
3/1/88

PE:PD21:DRPR  
BMOzafari  
2/29/88

OGC-61  
3/6/88

D:PD21:DRPR  
EAdensam  
3/15/88

ATTACHMENT TO LICENSE AMENDMENT NO. 145

FACILITY OPERATING LICENSE NO. DPR-62

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Replace the following pages of the Appendix A Technical Specifications with the enclosed pages. The revised areas are indicated by marginal lines.

Remove Pages

3/4 3-56

3/4 3-57

3/4 3-58

Insert Pages

3/4 3-56

3/4 3-57

3/4 3-58

TABLE 3.3.5.6-1

CHLORIDE INTRUSION MONITORS

<u>FUNCTIONAL UNIT AND INSTRUMENT NUMBER</u>	<u>MINIMUM NUMBER OPERABLE CHANNELS<sup>(a)</sup></u>
1. Chloride leak detectors in the condenser hotwell outlet headers (CO-CR24)	4
2. Chloride leak detector in the condensate pump discharge (CO-CIS-3075-1 or TS-CIT-863-3)	1
3. Chloride leak detector in the inlet to the condensate filter demineralizer (CFD-CIT-1)	1
4. Chloride leak detector in the inlet to the deep bed demineralizer (CDD-CIT-1)	1

a. Chloride intrusion can be detected if any of the functional units have their required minimum number of channels OPERABLE.

TABLE 3.3.5.6-2

## CHLORIDE INTRUSION MONITORS SETPOINTS

<u>FUNCTIONAL UNIT AND INSTRUMENT NUMBER</u>	<u>ALARM SETPOINT</u>	<u>ALLOWABLE LIMIT</u>
1. Chloride leak detectors in the condenser hotwell outlet headers (CO-CR24)	$\leq 1.0 \mu\text{hos/cm}$	$\leq 2.0 \mu\text{hos/cm}$
2. Chloride leak detector in the condensate pump discharge		
a. Wide range monitor (CO-CIS-3075-1)	$\leq 2.0 \mu\text{hos/cm}$	$\leq 10 \mu\text{hos/cm}$
b. Narrow range monitor (TS-CIT-863-3)	$\leq 0.3 \mu\text{hos/cm}$	$\leq 0.5 \mu\text{hos/cm}$
3. Chloride leak detector in the inlet to the filter demineralizer (CFD-CIT-1)	$\leq 0.3 \mu\text{hos/cm}$	$\leq 0.5 \mu\text{hos/cm}$
4. Chloride leak detector in the inlet to the deep bed demineralizer (CDD-CIT-1)	$\leq 0.3 \mu\text{hos/cm}$	$\leq 0.5 \mu\text{hos/cm}$

TABLE 4.3.5.6-1

CHLORIDE INTRUSION MONITORS SURVEILLANCE REQUIREMENTS

<u>FUNCTIONAL UNIT AND INSTRUMENT NUMBER</u>	<u>CHANNEL CHECK</u>	<u>CHANNEL FUNCTIONAL TEST</u>	<u>CHANNEL CALIBRATION</u>
1. Chloride leak detector in the condenser hotwell outlet headers (CO-CR24)	D	M	R
2. Chloride leak detector in the condensate pump discharge (CO-CIS-3075-1 or TS-CIT-863-3)	D	M	SA
3. Chloride leak detector in the inlet to the condensate filter demineralizer (CFD-CIT-1)	D	M	SA
4. Chloride leak detector in the inlet to the deep bed demineralizer (CDD-CIT-1)	D	M	SA