

UNITED STATES NUCLEAR REGULATORY COMMISSIONDOCKET NO. 50-325CAROLINA POWER & LIGHT COMPANYNOTICE OF ISSUANCE OF AMENDMENT TO FACILITY
OPERATING LICENSE

The U. S. Nuclear Regulatory Commission (the Commission) has issued Amendment No. 25 to Facility Operating License No. DPR-71 issued to Carolina Power & Light Company (the licensee) for operation of the Brunswick Steam Electric Plant, Unit No. 1 (the facility), located in Brunswick, North Carolina. The amendment is effective as of the date of issuance.

This amendment revises the minimum critical power ratio (MCPR) for fuel bundle LJ0197, which is misoriented by 180°. This revision will ensure conservative operation for Cycle 2 in accordance with the reload analysis.

The appl. ation for amendment complies with the standards and requirements of the Atomic Energy Act of 1954, as amended (the Act), and the Commission's rules and regulations. The Commission has made appropriate findings as required by the Act and the Commission's rules and regulations in 10 CFR Chapter I, which are set forth in the license amendment. Prior public notice of the amendment was not required since the amendment does not involve a significant hazards consideration.

The Commission has determined that the issuance of the amendment will not result in any significant environmental impact and that pursuant to 10 CFR Section 51.5(d)(4) an environmental impact statement or negative declaration and environmental impact appraisal need not be prepared in connection with issuance of the amendment.

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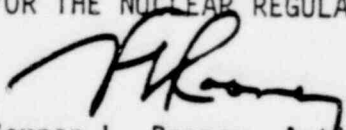
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For further details with respect to this action, see (1) the application for amendment dated September 11, 1979, as supplemented September 18, 1979, (2) Amendment No. 25 to License No. DPR-71, and (3) the Commission's related Safety Evaluation. These items are available for public inspection at the Commission's Public Document Room, 1717 H Street, N. W., Washington, D. C. 20555, and at the Southport-Brunswick County Library, 109 West Moore Street, Southport, North Carolina 28461. A copy of items (2) and (3) may be obtained upon request addressed to the U. S. Nuclear Regulatory Commission, Washington, D. C. 20555, Attention: Director, Division of Operating Reactors.

Dated at Bethesda, Maryland this 21st day of September 1979.

FOR THE NUCLEAR REGULATORY COMMISSION



Vernon L. Rooney, Acting Chief
Operating Reactors Branch #3
Division of Operating Reactors

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TABLE 4.3.6.1-1

ATWS RECIRCULATION PUMP TRIP SYSTEM INSTRUMENTATION SURVEILLANCE REQUIREMENTS

<u>TRIP FUNCTION AND INSTRUMENT NUMBER</u>	<u>CHANNEL CHECK</u>	<u>CHANNEL FUNCTIONAL TEST</u>	<u>CHANNEL CALIBRATION</u>
1. Reactor Vessel Water Level - Low Low, Level 2 (B21-LIS-N024 A, B; B21-LIS-N025 A, B)	S	M	R
2. Reactor Vessel Pressure - High (B21-PS-N045 A, B, C, D)	NA	M	

BRUNSWICK - UNIT 1

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Amendment No.24

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TABLE 4.3.6.1-1

ATWS RECIRCULATION PUMP TRIP SYSTEM INSTRUMENTATION SURVEILLANCE REQUIREMENTS

<u>TRIP FUNCTION AND INSTRUMENT NUMBER</u>	<u>CHANNEL CHECK</u>	<u>CHANNEL FUNCTIONAL TEST</u>	<u>CHANNEL CALIBRATION</u>
1. Reactor Vessel Water Level - Low Low, Level 2 (B21-LIS-N024 A, B; B21-LIS-N025 A, B)	S	M	
2. Reactor Vessel Pressure - High (B21-PS-N045 A, B, C, D)	NA	M	R

BRUNSWICK - UNIT 2

3/4 3-65

Amendment No. 48

1178 209