

UNITED STATES NUCLEAR REGULATORY COMMISSION
CAROLINA POWER & LIGHT COMPANY
DOCKET NOS. 50-325 AND 50-324
ENVIRONMENTAL ASSESSMENT AND FINDING OF
NO SIGNIFICANT IMPACT

The U. S. Nuclear Regulatory Commission (the Commission) is considering issuance of an exemption from certain requirements of its regulations to Facility Operating License Nos. DPR-71 and DPR-62 issued to the Carolina Power & Light Company (the licensee) for operation of the Brunswick Steam Electric Plant (BSEP), Units 1 and 2, located in Brunswick County, North Carolina.

ENVIRONMENTAL ASSESSMENT

Identification of Proposed Action:

The proposed action is in response to the licensee's application dated June 9, 1995, for exemption from the requirements of 10 CFR 50.71(e)(4) regarding submission of revisions to the Final Safety Analysis Report (FSAR) and design change reports for facility changes made under 10 CFR 50.59 for the BSEP. Under the proposed exemption the licensee would schedule updates to the single, unified FSAR for the two units that comprise BSEP based on the refueling cycle of BSEP Unit 1.

The Need for the Proposed Action:

10 CFR 50.71(e)(4) requires licensees to submit updates to their FSAR within 6 months after each refueling outage providing that the interval between successive updates does not exceed 24 months. Since BSEP Units 1 and

2 share a common FSAR, the licensee must update the same document within 6 months after a refueling outage for either unit. Allowing the exemption would maintain the BSEP FSAR current within 24 months of the last revision and would not exceed a 24-month interval for submission of the 10 CFR 50.59 design change report for either unit.

Environmental Impacts of the Proposed Action:

No changes are being made in the types or amounts of any radiological effluent that may be released off site. There is no significant increase in the allowable individual or cumulative occupational radiation exposure. The Commission concludes that granting the proposed exemption would result in no significant radiological environmental impact.

With regard to potential non-radiological impacts, the proposed exemption does not affect non-radiological plant effluents and has no other environmental impact. The Commission concludes that there are no significant non-radiological impacts associated with the proposed exemption.

Alternative to the Proposed Action:

Because the staff has concluded that there is no significant environmental impact associated with the proposed exemption, any alternative to the exemption will have either no significantly different environmental impact, or greater environmental impact.

The principal alternative would be to deny the requested exemption. Denial of the exemption would result in no change in current environmental impacts. The environmental impacts of the proposed exemption and this alternative are similar.

Alternative Use of Resources:

This action did not involve the use of any resources not previously considered in the Final Environmental Statement related to Brunswick Steam Electric Plant, dated January 1974.

Agencies and Persons Contacted:

In accordance with its stated policy, on December 5, 1995, the staff consulted with the North Carolina State official, Mr. J. James of the Division of Radiation Protection, North Carolina Department of Environmental, Commerce and Natural Resources, regarding the environmental impact of the proposed action. The State official had no comments.

FINDING OF NO SIGNIFICANT IMPACT

Based upon the foregoing environmental assessment, the Commission concludes that the proposed action will not have a significant effect on the quality of the human environment. Accordingly, the Commission has determined not to prepare an environmental impact statement for the proposed exemption.

For further details with respect to this action, see the licensee's request for the exemption dated June 9, 1995, which is available for public inspection at the Commission's Public Document Room, Gelman Building, 2120 L Street, NW., Washington DC, and at the University of North Carolina at Wilmington, William Madison Randall library, 601 S. College Road, Wilmington, North Carolina, 28403.

Dated at Rockville, Maryland this 8th day of December 1995.

FOR THE NUCLEAR REGULATORY COMMISSION



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