



Carolina Power & Light Company

AUG 07 1985

SERIAL: NLS-85-193

Director of Nuclear Reactor Regulation
Attention: Mr. D. B. Vassallo, Chief
Operating Reactors Branch No. 2
Division of Licensing
United States Nuclear Regulatory Commission
Washington, DC 20555

BRUNSWICK STEAM ELECTRIC PLANT, UNIT NOS. 1 AND 2
DOCKET NOS. 50-325 & 50-324/LICENSE NOS. DPR-71 & DPR-62
REQUEST FOR LICENSE AMENDMENT
SPECIAL NUCLEAR MATERIAL

Dear Mr. Vassallo:

SUMMARY

In accordance with the Code of Federal Regulations, Title 10, Parts 59.90 and 2.101, Carolina Power & Light Company (CP&L) hereby requests a revision to the Facility Operating License for the Brunswick Steam Electric Plant, Unit Nos. 1 and 2. The proposed revision allows Unit No. 2 to receive, possess and use byproduct, source and special nuclear material in the same quantities permitted by the Unit No. 1 license.

DISCUSSION

Currently, Unit No. 1 is licensed, pursuant to 10 CFR Parts 30, 40, and 70 to receive, possess and use in amounts as required any byproduct, source and special nuclear material without restriction to chemical or physical form, for sample analysis or instrument calibration or associated with radioactive apparatus or components. Unit No. 2 is licensed to receive, possess, and use at any time 100 millicuries each of any byproduct and 100 milligrams each of any source or special nuclear material for sample analysis or instrument calibration. Radioactive materials are currently received under the Unit No. 1 license and transferred to Unit No. 2 in the quantities allowed by the license. This transfer of radioactive materials from one unit to another causes a significant amount of unnecessary administrative effort.

The proposed amendment would change the Unit No. 2 license to be consistent with the Unit No. 1 license. Also, under the proposed requirements, Unit No. 2 would use the same administrative, operational, and training procedures, equipment and personnel that Unit No. 1 has been using. Hence, the proposed amendment constitutes an administrative change only.

The proposed amendment also includes a correction to a typographical error to the Unit No. 1 Facility Operating License.

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SIGNIFICANT HAZARDS ANALYSIS

The Commission has provided standards for determining whether a significant hazards consideration exists (10 CFR 50.92(c)). A proposed amendment to an operating license for a facility involves no significant hazards consideration if operation of the facility in accordance with the proposed amendment would not: (1) involve a significant increase in the probability or consequences of an accident previously evaluated; (2) create the possibility of a new or different kind of accident from any accident previously evaluated; or (3) involve a significant reduction in a margin of safety.

Carolina Power & Light Company has determined that the requested amendment per 10 CFR 50.92 is considered an administrative change and, as such, does not effect the configuration, function, operation or failure analysis of any plant system. Only the amount of nuclear materials permissible to be received, possessed, and used at Unit No. 2 has been changed. Plant procedures used to handle the materials will be the same as those already in use at Unit No. 1. Therefore, the proposed amendment: (1) does not involve a significant increase in the probability or consequence of an accident previously evaluated; (2) does not create a new or different kind of accident from any accident previously evaluated; or (3) does not involve a significant reduction in a margin of safety.

Based on the above, CP&L has determined that the proposed amendment meets the criteria of 10 CFR 50.92(c) and, therefore, does not involve significant hazards consideration.

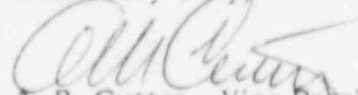
ADMINISTRATIVE INFORMATION

The proposed Brunswick-1 and Brunswick-2 operating license pages are provided in Enclosures 1 and 2.

Carolina Power & Light Company has evaluated this request in accordance with the provisions of 10CFR170.12 and has determined that a license amendment application fee is required. A check for \$150 is enclosed in payment of this fee.

Should you have any questions concerning this submittal, please contact Mr. Sherwood R. Zimmerman at (919) 836-6242.

Yours very truly,



A. B. Cutter - Vice President
Nuclear Engineering & Licensing

GB/ccc (1558NLU)

cc: Dr. J. Nelson Grace (NRC-RII)
Mr. M. Grotenhuis (NRC)
Mr. W. H. Ruland (NRC-BNP)
Mr. Dayne H. Brown

A. B. Cutter, having been first duly sworn, did depose and say that the information contained herein is true and correct to the best of his information, knowledge and belief; and the sources of his information are officers, employees, contractors, and agents of Carolina Power & Light Company.

My commission expires: 11/27/89


Notary (Seal)

