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MAY 16 1980

Docket No. 50-325

Mr. J. A. Jones
 Executive Vice President
 Carolina Power & Light Company
 336 Fayetteville Street
 Raleigh, North Carolina 27602

Dear Mr. Jones:

The Commission has issued the enclosed Amendment No. 27 to Facility License No. DPR-71 for Brunswick Steam Electric Plant, Unit No. 1. This amendment consists of a change to the Technical Specifications in response to your request dated May 9, 1980.

This amendment revises TABLE 4.7.5-1 HYDRAULIC SNUBBER INSPECTION SCHEDULE to provide a one time extension for the inaccessible snubber inspection interval of ten days to May 26, 1980.

Copies of the Safety Evaluation and Notice of Issuance are also enclosed.

Sincerely,

Original signed by

Thomas A. Ippolito, Chief
 Operating Reactors Branch #2
 Division of Licensing

Enclosures:

1. Amendment No. 27 to DPR-71
2. Safety Evaluation
3. Notice

cc w/enclosures:
 See next page

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CP
Amendment
FR notice
GP

OFFICE	ORB #2	ORB #2	AD-OR	OELD	ORB #2
SURNAME	SNorris	JHannon:mjf	TNovak	KARMAH	Tippolito
DATE	5/14/80	5/14/80	5/14/80	5/15/80	5/14/80

Mr. J. A. Jones
Carolina Power & Light Company

- 2 -

May 16, 1980

cc:

Richard E. Jones, Esquire
Carolina Power & Light Company
336 Fayetteville Street
Raleigh, North Carolina 27602

Mr. Fred Tollison
Plant Manager
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Wilmington, North Carolina 28461

Mr. Franky Thomas, Chairman
Board of Commissioners
P. O. Box 249
Bolivia, North Carolina 28422

Denny McGuire (Ms)
State Clearinghouse
Division of Policy Development
116 West Jones Street
Raleigh, North Carolina 27603

Southport - Brunswick County Library
109 W. Moore Street
Southport, North Carolina 28461

Director, Technical Assessment Division
Office of Radiation Programs (AW-459)
US EPA
Crystal Mall #2
Arlington, Virginia 20460

U. S. Environmental Protection Agency
Region IV Office
ATTN: EIS COORDINATOR
345 Courtland Street, N. W.
Atlanta, Georgia 30308

Resident Inspector
U. S. Nuclear Regulatory Commission
P. O. Box 1057
Southport, North Carolina 28461



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

CAROLINA POWER & LIGHT COMPANY

DOCKET NO. 50-325

BRUNSWICK STEAM ELECTRIC PLANT, UNIT NO. 1

AMENDMENT TO FACILITY OPERATING LICENSE

Amendment No. 27
License No. DPR-71

1. The Nuclear Regulatory Commission (the Commission) has found that:
 - A. The application for amendment by Carolina Power & Light Company (the licensee) dated May 9, 1980, 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-71 is hereby amended to read as follows:

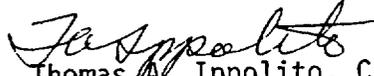
(2) Technical Specifications

The Technical Specifications contained in Appendices A and B, as revised through Amendment No. 27, are hereby incorporated in the license. The licensee shall operate the facility in accordance with the Technical Specifications.

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3. This license amendment is effective as of the date of its issuance.

FOR THE NUCLEAR REGULATORY COMMISSION


Thomas A. Ippolito, Chief
Operating Reactors Branch #2
Division of Licensing

Attachment:
Changes to the Technical
Specifications

Date of Issuance: May 16, 1980

ATTACHMENT TO LICENSE AMENDMENT NO. 27

FACILITY OPERATING LICENSE NO. DPR-71

DOCKET NO. 50-325

Replace the following pages of the Technical Specifications contained in Appendix A of the above-indicated license with the attached pages. The changed area of the revised page is reflected by a marginal line.

Remove

3/4 7-31
3/4 7-32

Insert

3/4 7-31
3/4 7-32

~~8005-800/67 P~~

~~800-800~~

800-5 80

TABLE 4.7.5-1

HYDRAULIC SNUBBER INSPECTION SCHEDULE

NUMBER OF SNUBBERS FOUND INOPERABLE
DURING INSPECTION OR DURING INSPECTION INTERVAL*

NEXT REQUIRED
INSPECTION INTERVAL**

0
1
2
3 or 4
5, 6, or 7
>8

18 months + 25%
12 months \pm 25%
6 months \pm 25%
124 days \pm 25%#
62 days \pm 25%
31 days \pm 25%

* Snubbers may be categorized into two groups, "accessible" and "inaccessible". This categorization shall be based upon the snubber's accessibility for inspection during reactor operation. These two groups may be inspected independently according to the above schedule.

** The required inspection interval shall not be lengthened more than one step at a time and the provisions of Specification 4.0.2 are not applicable.

For the inaccessible snubber inspection interval scheduled to end May 16, 1980, a one-time only exemption is allowed to extend this inspection interval through May 26, 1980.

PLANT SYSTEMS

3/4.7.6 SEALED SOURCE CONTAMINATION

LIMITING CONDITION FOR OPERATION

3.7.6 Each sealed source containing radioactive material in excess of 100 microcuries of beta and/or gamma emitting material or 5 microcuries of alpha emitting material shall be free of ≥ 0.005 microcuries of removable contamination.

APPLICABILITY: At all times.

ACTION:

Each sealed source with removable contamination in excess of the above limit shall be immediately withdrawn from use and:

- a. Either decontaminated and repaired, or
- b. Disposed of in accordance with Commission Regulations.

The Provisions of Specifications 3.0.3 and 3.0.4 are not applicable.

SURVEILLANCE REQUIREMENTS

4.7.6.1 Test Requirements - Each sealed source shall be tested for leakage and/or contamination by:

- a. The licensee, or
- b. Other persons specifically authorized by the Commission or an Agreement State.

The test method shall have a detection sensitivity of at least 0.005 microcuries per test sample.

4.7.6.2 Test Frequencies - Each category of sealed sources (excluding startup sources and fission detectors previously subjected to core flux) shall be tested at the frequency described below.

- a. Sources in use - At least once per six months for all sealed sources containing radioactive material:



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

SAFETY EVALUATION BY THE OFFICE OF NUCLEAR REACTOR REGULATION

SUPPORTING AMENDMENT NO. 27 TO FACILITY LICENSE NO. DPR-71

CAROLINA POWER & LIGHT COMPANY

BRUNSWICK STEAM ELECTRIC PLANT, UNIT NO. 1

DOCKET NO. 50-325

1.0 Introduction

By letter dated May 9, 1980, Carolina Power & Light Company (the licensee) requested a change to the Technical Specifications for Brunswick Steam Electric Plant (BSEP), Unit No. 1 to extend the inaccessible snubber inspection period. This proposed license amendment would temporarily (one time only) extend the inspection interval for up to 30 days to June 15, 1980.

2.0 Discussion

The proposed amendment would allow the licensee to continue to operate BSEP Unit No. 1 for a brief period of time beyond the end of the present inaccessible snubber inspection interval. If this one time extension were not granted, BSEP Unit No. 1 would have to be shut down on May 16, 1980 to perform an inspection of the inaccessible snubbers. Due to unexpected delays in the Unit 2 refueling outage, return to power operation has been extended in order to complete extensive safety system modifications. Unless the requested relief is granted, both BSEP Units will be shutdown during unfavorable weather conditions creating a situation with less than sufficient system capacity to meet the load forecast. The purpose of this safety evaluation is, therefore, to determine whether a delay in the performance of the inaccessible snubber inspection at BSEP Unit No. 1 will have a significant impact on the health and safety of the public.

3.0 Evaluation

To judge the acceptability of extending the required snubber inspection interval, we reviewed the results of the last inspections of inaccessible snubbers at BSEP Unit 1.

The inspection conducted in September 1979 identified 4 inoperable snubbers:

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<u>System</u>	<u>Condition</u>
24" primary steam	low fluid level
2" steam vent	low fluid level
4" RHR	low fluid level
3" instrument line	slipped clamp/extended shaft

The inspection conducted in December 1979 identified 3 inoperable snubbers:

<u>System</u>	<u>Condition</u>
3/4" instrument line	slipped clamp/extended shaft
3/4" instrument line	slipped clamp/extended shaft
10" SRV discharge line	would not lock up

Based on the results from the last two inaccessible snubber inspections at BSEP Unit 1, it appears that an improvement has been made in both the number of inoperable snubbers identified and the significance of the affected systems. Discounting the smaller lines (<3") on the basis that they are not as susceptible to damage in a seismic event, an improvement in snubber operability has been demonstrated. This trend would seem to support a small extension of the inspection interval.

Since mid March 1980, the beginning of the next inspection interval window of opportunity, there have been no scheduled outages of sufficient duration to conduct the inaccessible snubber inspection at BSEP Unit 1. The maximum interval allowed based on the most recent operability status is 155 days, which expires on May 16, 1980.

We have agreed, after discussions with the licensee, to grant a one-time extension of ten days until May 26, 1980. This is three days more than the minimum 7 days CP&L felt would be necessary to avoid a system capacity problem, and should be adequate to account for further delays in the startup of BSEP Unit 1. This extension represents about a 6.5% increase in the inspection interval and is judged to be acceptable for this one time. Also, since the most recent snubber failure history has indicated a tendency to be associated with small lines, there is reasonable assurance that the snubber performance will not be compromised during the short extension period being considered.

Based on the above, the limited relaxation of the tightened inspection interval for BSEP Unit No. 1 to permit a delay until no later than May 26, 1980 to conduct the next inspection of the inaccessible snubbers, is acceptable.

4.0 Environmental Consideration

We have determined that this amendment does not authorize a change in effluent types or total amounts nor an increase in power level and will not result in any significant environmental impact. Having made this determination, we have further concluded that this amendment involves an action which is insignificant from the standpoint of environmental impact and pursuant to 10 CFR §51.5(d)(4) that an environmental impact statement, negative declaration, or environmental impact appraisal need not be prepared in connection with the issuance of this amendment.

5.0 Conclusion

We have concluded, based on the considerations discussed above, that: (1) because this amendment does not involve a significant increase in the probability or consequences of accidents previously considered and does not involve a significant decrease in a safety margin, the amendment does not involve a significant hazards consideration, (2) there is reasonable assurance that the health and safety of the public will not be endangered by operation in the proposed manner, and (3) such activities will be conducted in compliance with the Commission's regulations and the issuance of this amendment will not be inimical to the common defense and security or to the health and safety of the public.

Dated: May 16, 1980

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. 27 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 County, North Carolina. The amendment is effective as of its date of issuance.

The amendment revises TABLE 4.7.5-1 HYDRAULIC SNUBBER INSPECTION SCHEDULE to provide a one time extension for the inaccessible snubber inspection interval of ten days to May 26, 1980.

The application 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 §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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For further details with respect to this action, see (1) the application for amendment dated May 9, 1980, (2) Amendment No. 27 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 Licensing.

Dated at Bethesda, Maryland this 16th day of May 1980.

FOR THE NUCLEAR REGULATORY COMMISSION


Thomas A. Ippolito, Chief
Operating Reactors Branch #2
Division of Licensing