



UNITED STATES
NUCLEAR REGULATORY COMMISSION

WASHINGTON, D.C. 20555-0001

March 21, 2001

Mr. J. S. Keenan
Vice President
Brunswick Steam Electric Plant
Carolina Power & Light Company
Post Office Box 10429
Southport, North Carolina 28461

SUBJECT: BRUNSWICK STEAM ELECTRIC PLANT, UNITS 1 AND 2 - ISSUANCE OF
AMENDMENTS REGARDING RADIOACTIVE EFFLUENT RELEASE REPORTS
(TAC NOS. MB0668 AND MB0669)

Dear Mr. Keenan:

The U.S. Nuclear Regulatory Commission has issued the enclosed Amendment No. 212 to Facility Operating License DPR-71 and Amendment No. 239 to Facility Operating License No. DPR-62 for Brunswick Steam Electric Plant, Units 1 and 2. The amendments revise the Technical Specifications (TS) in response to your submittal dated December 1, 2000.

The amendments change the TS for the submittal date of the "Radioactive Effluent Release Report" to "prior to May 1" of each year.

A copy of the related Safety Evaluation is also enclosed. A Notice of Issuance will be included in the Commission's bi-weekly Federal Register Notice.

Sincerely,

D. J. Ashley, Project Manager, Section 2
Project Directorate II
Division of Licensing Project Management
Office of Nuclear Reactor Regulation

Docket Nos. 50-325
and 50-324

Enclosures:

1. Amendment No. 212 to
License No. DPR-71
2. Amendment No. 239 to
License No. DPR-62
3. Safety Evaluation

cc w/enclosures:
See next page

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cc: Brunswick Service List

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Brunswick Steam Electric Plant
Units 1 and 2

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Assistant Attorney General
State of North Carolina
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Brunswick County Board of Commissioners
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Mr. Robert P. Gruber
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City of Southport
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UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D.C. 20555-0001

CAROLINA POWER & LIGHT COMPANY, et al.

DOCKET NO. 50-325

BRUNSWICK STEAM ELECTRIC PLANT, UNIT 1

AMENDMENT TO FACILITY OPERATING LICENSE

Amendment No. 212
License No. DPR-71

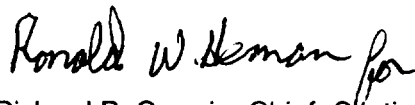
1. The Nuclear Regulatory Commission (the Commission) has found that:
 - A. The application for amendment filed by Carolina Power & Light Company (the licensee), dated December 1, 2000, complies with the standards and requirements of the Atomic Energy Act of 1954, as amended (the Act), and the Commission's 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. 212, 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

A handwritten signature in black ink, appearing to read "Ronald W. Heman for".

Richard P. Correia, Chief, Section 2
Project Directorate II
Division of Licensing Project Management
Office of Nuclear Reactor Regulation

Attachment:
Changes to the Technical
Specifications

Date of Issuance: March 21, 2001

ATTACHMENT TO LICENSE AMENDMENT NO. 212

FACILITY OPERATING LICENSE NO. DPR-71

DOCKET NO. 50-325

Replace the following page of the Appendix A Technical Specifications with the attached revised page. The revised page is identified by amendment number and contains marginal lines indicating the areas of change.

Remove Page

5.0-18

Insert Page

5.0-18

5.6 Reporting Requirements

5.6.2 Annual Radiological Environmental Operating Report (continued)

the objectives outlined in the Offsite Dose Calculation Manual (ODCM), and in 10 CFR 50, Appendix I, Sections IV.B.2, IV.B.3, and IV.C.

The Annual Radiological Environmental Operating Report shall include the results of analyses of all radiological environmental samples and of all environmental radiation measurements taken during the period pursuant to the locations specified in the table and figures in the ODCM, as well as summarized and tabulated results of these analyses and measurements in the format of Table 3 in the Radiological Assessment Branch Technical Position, Revision 1, November 1979. In the event that some individual results are not available for inclusion with the report, the report shall be submitted noting and explaining the reasons for the missing results. The missing data shall be submitted in a supplementary report as soon as possible.

5.6.3 Radioactive Effluent Release Report

-----NOTE-----
A single submittal may be made for a multiple unit station. The submittal shall combine sections common to all units at the station.

The Radioactive Effluent Release Report covering the operation of the unit during the previous year shall be submitted prior to May 1 of each year in accordance with 10 CFR 50.36a. The report shall include a summary of the quantities of radioactive liquid and gaseous effluents and solid waste released from the unit. The material provided shall be consistent with the objectives outlined in the ODCM and the Process Control Program and in conformance with 10 CFR 50.36a and 10 CFR Part 50, Appendix I, Section IV.B.1.

5.6.4 Monthly Operating Reports

Routine reports of operating statistics and shutdown experience, including documentation of all challenges to the main steam safety/relief valves, shall be submitted on a monthly basis no later than the 15th of each month following the calendar month covered by the report.

(continued)



UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D.C. 20555-0001

CAROLINA POWER & LIGHT COMPANY, et al.

DOCKET NO. 50-324

BRUNSWICK STEAM ELECTRIC PLANT, UNIT 2

AMENDMENT TO FACILITY OPERATING LICENSE

Amendment No. 239
License No. DPR-62

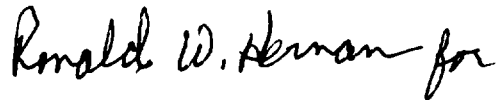
1. The Nuclear Regulatory Commission (the Commission) has found that:
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 - B. The facility will operate in conformity with the application, the provisions of the Act, and the rules and regulations of the Commission;
 - C. There is reasonable assurance (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. 239, 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

A handwritten signature in black ink, appearing to read "Ronald W. Herman for".

Richard P. Correia, Chief, Section 2
Project Directorate II
Division of Licensing Project Management
Office of Nuclear Reactor Regulation

Attachment:
Changes to the Technical
Specifications

Date of Issuance: March 21, 2001

ATTACHMENT TO LICENSE AMENDMENT NO. 239

FACILITY OPERATING LICENSE NO. DPR-62

DOCKET NO. 50-324

Replace the following page of the Appendix A Technical Specifications with the attached revised page. The revised page is identified by amendment number and contains marginal lines indicating the areas of change.

Remove Page

5.0-18

Insert Page

5.0-18

5.6 Reporting Requirements

5.6.2 Annual Radiological Environmental Operating Report (continued)

the objectives outlined in the Offsite Dose Calculation Manual (ODCM), and in 10 CFR 50, Appendix I, Sections IV.B.2, IV.B.3, and IV.C.

The Annual Radiological Environmental Operating Report shall include the results of analyses of all radiological environmental samples and of all environmental radiation measurements taken during the period pursuant to the locations specified in the table and figures in the ODCM, as well as summarized and tabulated results of these analyses and measurements in the format of Table 3 in the Radiological Assessment Branch Technical Position, Revision 1, November 1979. In the event that some individual results are not available for inclusion with the report, the report shall be submitted noting and explaining the reasons for the missing results. The missing data shall be submitted in a supplementary report as soon as possible.

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A single submittal may be made for a multiple unit station. The submittal shall combine sections common to all units at the station.

The Radioactive Effluent Release Report covering the operation of the unit during the previous year shall be submitted prior to May 1 of each year in accordance with 10 CFR 50.36a. The report shall include a summary of the quantities of radioactive liquid and gaseous effluents and solid waste released from the unit. The material provided shall be consistent with the objectives outlined in the ODCM and the Process Control Program and in conformance with 10 CFR 50.36a and 10 CFR Part 50, Appendix I, Section IV.B.1.

5.6.4 Monthly Operating Reports

Routine reports of operating statistics and shutdown experience, including documentation of all challenges to the main steam safety/relief valves, shall be submitted on a monthly basis no later than the 15th of each month following the calendar month covered by the report.

(continued)



**UNITED STATES
NUCLEAR REGULATORY COMMISSION**
WASHINGTON, D.C. 20555-0001

SAFETY EVALUATION BY THE OFFICE OF NUCLEAR REACTOR REGULATION
RELATED TO AMENDMENT NO. 212 TO FACILITY OPERATING LICENSE NO. DPR-71
AND AMENDMENT NO. 239 TO FACILITY OPERATING LICENSE NO. DPR-62
CAROLINA POWER & LIGHT COMPANY
BRUNSWICK STEAM ELECTRIC PLANT, UNITS 1 AND 2
DOCKET NOS. 50-325 AND 50-324

1.0 INTRODUCTION

On December 1, 2000, the Carolina Power & Light (CP&L, the licensee) proposed to revise the Brunswick Steam Electric Station, Units 1 and 2 (BSEP) Technical Specifications (TS). The proposed changes would amend the current BSEP TS to revise TS 5.6.3, "Radioactive Effluent Release Report," and its associated note. Specifically, this revision would fully adopt the Technical Specification Task Force (TSTF) Traveler TSTF-152, Revision 0, "Revise Reporting Requirements to be Consistent with 10 CFR 20," which was incorporated into NUREG 1433, Revision 2 on March 13, 1997.

2.0 BACKGROUND

Currently, BSEP TS 5.6.3 requires the Radioactive Effluent Release Report to be submitted in accordance with 10 CFR 50.36a, which states "the time between submission of the reports must be no longer than 12 months." As a result, the BSEP Radioactive Effluent Release Report must be submitted to the Commission prior to March 1, 2001. In its request, the licensee states that this requirement presents an undue administrative burden on BSEP relative to the compressed schedule following the close of the reporting period for data collection and report preparation; thus, CP&L proposed to revise the submittal date for the report to "prior to May 1," consistent with the TSTF-152.

3.0 EVALUATION

The licensee proposed a revision to its BSEP TS to adopt the Traveler TSTF-152, Revision 0, "Revise Reporting Requirements to be Consistent with 10 CFR 20," by revising TS 5.3.6 (i.e., Unit 1 is quoted; however, it is typical of both units' TS) from:

-----NOTE-----
A single submittal may be made for a multiple unit station. The submittal should
combine sections common to all units at the station.

The Radioactive Effluent Release Report covering the operation of the unit shall be submitted in accordance with 10 CFR 50.36a. The report shall include a summary of the quantities of radioactive liquid and gaseous effluents and solid waste released from the unit. The material provided shall be consistent with the objectives outlined in the ODCM and the Process Control Program and in conformance with 10 CFR 50.36a and 10 CFR Part 50, Appendix I, Section IV.B.1.

to read [**Emphasis** added to revised language]:

-----NOTE-----

A single submittal may be made for a multiple unit station. The submittal **shall** combine sections common to all units at the station.

The Radioactive Effluent Release Report covering the operation of the unit **during the previous year** shall be submitted **prior to May 1 of each year** in accordance with 10 CFR 50.36a. The report shall include a summary of the quantities of radioactive liquid and gaseous effluents and solid waste released from the unit. The material provided shall be consistent with the objectives outlined in the ODCM and the Process Control Program and in conformance with 10 CFR 50.36a and 10 CFR Part 50, Appendix I, Section IV.B.1.

The staff reviewed the BSEP TS and finds that the current TS 5.6.3 requires the Radioactive Effluent Release Report to be submitted prior to March 1, 2001, in order to meet the required submission interval contained in 10 CFR 50.36a of "not longer than 12 months since submission of the last report." The licensee-proposed change request revises the report submission date to "prior to May 1" and administratively changes the verb "should" to "shall" in the associated Note, which is consistent with the intent of TSTF-152, Revision 0.

In its request, the licensee states that the current requirement presents an undue administrative burden on BSEP relative to the compressed schedule following the close of the reporting period for data collection and report preparation, and thus CP&L proposed to revise the submittal date for the report to "prior to May 1," consistent with TSTF-152. The proposed change also revises the current TS word "should" to "shall," which is consistent with TSTF-152, Revision 0.

In TSTF 152, the staff incorporated into the standard technical specifications a generic submittal date for the Radioactive Effluent Release Report of "prior to May 1." This date would allow licensees adequate time to collect all required data from the previous 12 calendar months and properly prepare the required report. The current due date for the licensee's submission of its annual Radioactive Effluent Release Report is an artifact of the date of its first submission of such a report and the requirement in 10 CFR 50.36a that the time between such reports must be no longer than 12 months. Thus, the request for explicitly identifying the reports due date as "prior to May 1" will purposely lessen an undue administrative burden for the licensee, but poses no increase in the margin of safety to the protection of health and safety of the public. Based on the above review, the staff finds that the proposed change: (1) will only alter the submission date for the Radioactive Effluent Release Report to a date that has been previously recommended on a generic basis by the staff; (2) is administrative in nature; (3) will not change the required information to be submitted; (4) will not change the physical plant or affect plant operation; and (5) will not result in the NRC staff's receipt of this information on an untimely

basis. The change is consistent with the staff-approved TSTF-152; therefore, the change is acceptable.

4.0 STATE CONSULTATION

In accordance with the Commission's regulations, the State of North Carolina official was notified of the proposed issuance of the amendments. The State official had no comments.

5.0 ENVIRONMENTAL CONSIDERATION

These amendments relate to changes in recordkeeping, reporting, or administrative procedures or requirements. Accordingly, these amendments meet the eligibility criteria for categorical exclusion set forth in 10 CFR 51.22(c)(10). Pursuant to 10 CFR 51.22(b) no environmental impact statement or environmental assessment need be prepared in connection with the issuance of the amendments.

6.0 CONCLUSION

The Commission has concluded, based on the considerations discussed above, that (1) there is reasonable assurance that the health and safety of the public will not be endangered by operation in the proposed manner, (2) such activities will be conducted in compliance with the Commission's regulations, and (3) the issuance of the amendments will not be inimical to the common defense and security or to the health and safety of the public.

Principal Contributor: Ngoc Le

Date: March 21, 2001