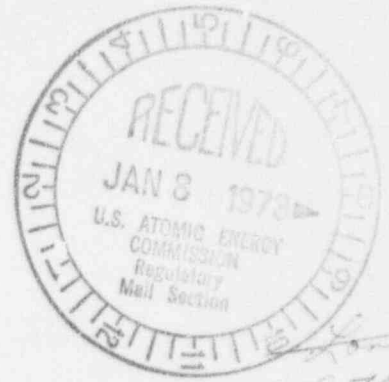




Carolina Power & Light Company

January 3, 1973



*Handwritten signatures and notes:*  
McFellane  
H. B. ...  
W. ...  
C. ...  
613591  
file

Mr. John F. O'Leary  
Directorate of Licensing  
U. S. Atomic Energy Commission  
Washington, D. C. 20545

RE: DOCKET NOS. 50-324 AND 50-325

Dear Mr. O'Leary:

The Company herewith transmits 300 copies of Amendment No. 5 to its Environmental Report for the Brunswick Steam Electric Plant Units 1 and 2. This submittal contains updated information which reflects additional radioactive waste treatment systems which have been designed and incorporated into the plant since the submittal of the original Environmental Report in November, 1971. The Amendment is in the form of page changes to the Environmental Report and an instruction page is included for inserting the Amendment.

Copies of Amendment No. 5 to the Environmental Report this date have been forwarded to Mr. W. A. Kopp, Jr., Chairman, Brunswick County Board of Commissioners. An original and 30 copies of the Certificate of Service of the Amendment upon Mr. Kopp also accompany this letter.

Yours very truly,

J. A. Jones  
Senior Vice President  
Engineering & Operating

JAJ/jc

Enclosures

9406090226 720605  
PDR ADDCK 05000324  
C PDR

*Handwritten note:*  
Ailed  
1/24/73

CAROLINA POWER & LIGHT COMPANY

ENVIRONMENTAL REPORT

BRUNSWICK STEAM ELECTRIC PLANT

Docket Nos. 50-324 and 50-325

Amendment No. 5

This Amendment designated as Amendment No. 5 to the Environmental Report transmits updated information in support of the Environmental Report of the Applicant's Brunswick Steam Electric Plant Units 1 and 2. The submittal updates information concerning the radioactive waste treatment systems and reflects the design and incorporation of additional advanced waste treatment systems.

The Amendment consists of page changes to the original Environmental Report and an enclosed instruction sheet for inserting the Amendment in the Environmental Report binder.

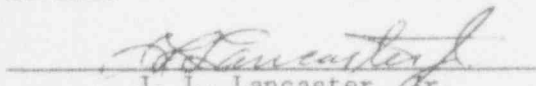
CAROLINA POWER & LIGHT COMPANY

BY



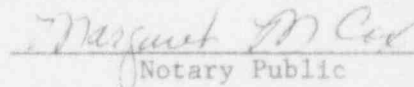
J. A. Jones  
Senior Vice President  
Engineering & Operating

ATTEST:



J. L. Lancaster, Jr.  
Secretary

Sworn to and subscribed before me, this 3rd day of January, 1973.

  
Notary Public

My Commission expires:

July 4, 1975

UNITED STATES OF AMERICA  
ATOMIC ENERGY COMMISSION



In the Matter of )  
 )  
CAROLINA POWER & LIGHT COMPANY ) Docket Nos. 50-324  
 ) 50-325  
(Brunswick Steam Electric Plant )  
 )  
Units 1 and 2) )

CERTIFICATE OF SERVICE

This is to certify that a copy of Amendment No. 5 to the Environmental Report of Carolina Power & Light Company for the Brunswick Steam Electric Plant Units 1 and 2, has this third day of January, 1973, been served upon the Chief Executive Officer of Brunswick County, North Carolina, by deposit of the same in the United States mail addressed as follows:

Mr. W. A. Kopp, Jr. - Chairman  
Brunswick County Board of Commissioners  
Boiling Spring Lakes  
Southport, North Carolina 28461

*Charles D. Barham, Jr.*  
\_\_\_\_\_  
Charles D. Barham, Jr.  
Associate General Counsel  
Carolina Power & Light Company

Business Address: 336 Fayetteville Street  
Raleigh, N.C. 27602

Business Telephone: Area Code 919  
828-8211

Dated: January 3, 1973

CAROLINA POWER & LIGHT COMPANY  
BRUNSWICK STEAM ELECTRIC PLANT - UNITS 1 AND 2  
DOCKET NOS. 50-324 AND 50-325  
ENVIRONMENTAL REPORT AMENDMENT NO. 5  
INSTRUCTION SHEET

This amendment contains updated information concerning the radwaste treatment systems, and the updated information is submitted in the form of revised pages. Each revised page bears the notation "Environmental Report, Amendment No. 5" at the bottom of the page. Vertical bars have been used in the margins of the revised pages to indicate the location of the revision on the page.

After all the revised material has been added to the Environmental Report, place the Amendment No. 5 Transmittal Letter, Amendment No. 5 Certification, and Instruction Sheet at the back of the contents of the Environmental Report.

The following page removals and insertions should be made to incorporate Amendment No. 5 into the Environmental Report:

REMOVE  
(EXISTING PAGES)

Figure 2.2-5 ✓  
3.6-1 ✓  
3.6-6 ✓  
3.6-7 ✓  
3.6-8 ✓  
-----  
3.6-12 ✓  
through  
3.6-17 ✓  
Table 3.6-3 ✓  
-----  
-----  
-----  
-----  
-----  
8.4-1 ✓  
8.4-2 ✓  
8.4-4 ✓  
8.6-1 ✓  
8.7-2 ✓  
8.12-6 ✓  
Table 8.14-1 ✓

INSERT  
(AMENDMENT NO. 5 PAGES)

Figure 2.2-5 ✓  
3.6-1 ✓  
3.6-6 ✓  
3.6-7 ✓  
3.6-8 ✓  
3.6-8a ✓  
3.6-12 ✓  
through  
3.6-26 ✓  
Table 3.6-3 ✓  
Table 3.6-4 ✓  
Table 3.6-5 ✓  
Table 3.6-6 ✓  
Table 3.6-7 ✓  
Table 3.6-8 ✓  
Figure 3.6-1 ✓  
8.4-1 ✓  
8.4-2 ✓  
8.4-4 ✓  
8.6-1 ✓  
8.7-2 ✓  
8.12-6 ✓  
Table 8.14-1 ✓

*Changes made*  
*1-24-73*  
*RMS*