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Amendment No. 4

Change No. 4

License No. DPR-62

Docket No. 50-324

AUG 19 1975

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

Dear Mr. Jones:

By letter dated June 13, 1975 and August 5, 1975, you requested: (1) a deletion of technical specification 3.6.F.1; and (2) an updating of the plant organization in Section 6.0 of Appendix A to your operating license DPR-62.

We have reviewed your requests and, based on the enclosed safety evaluation (Enclosure 1), conclude that your requested changes are acceptable. These changes are issued as Amendment No. 4 Change 4 to DPR-62.

Accordingly, pursuant to 10 CFR Part 50, Section 50.59 and 50.90 we have concluded that: (1) because the requested changes do not involve a significant increase in the probability or consequence of accidents previously considered, they do 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 with these changes; and (3) such activities will be conducted in compliance with the Commission's regulations and the issuance of this Amendment No. 4 will not be inimical to the common defence and security or to the health and safety of the public.

Change No. 4 to Appendix A of DPR-62 is included as Enclosure 2 with Amendment 4 to Operating License DPR-62.

A copy of a related Federal Register Notice which has been forwarded to the Office of the Federal Register for publication is provided in Enclosure 3.

Sincerely,

Original Signed by

W. E. Butler

Walter R. Butler, Chief

Light Water Reactors Branch 1-2

Division of Reactor Licensing

Enclosures:

As stated

N. H. Goodrich, ASLBP

bcc: J. R. Buchanan, ORNL

Thomas B. Abernathy, DTIE

A. Rosenthal, ASLAB

cc: See page 2

OFFICE > L:LWR 1-2

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OELD

L:LWR 1-2

SURNAME > MRushbrook/redRPowell

WRButler

DATE > 7791 8/12/75

8/13/75

8/15/75

8/19/75

AUG 19 1975

cc: Richard E. Jones, Esq.
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Mr. W. A. Kopp, Jr.
Chairman, Board of County
Commissioners of Brunswick County
Bolivia, North Carolina 28422

OFFICE >						
SURNAME >						
DATE >						

ENCLOSURE 1

STAFF SAFETY EVALUATION FOR AMENDMENT 4, CHANGE 4 TO DPR-62

1. Deletion of Technical Specification 3.6.F.1

In its letter dated June 13, 1975, Carolina Power & Light requested deletion of the Limiting Condition for Operation (LCO) 3.6.F.1 which states, "Whenever both recirculation pumps are in operation, pump speeds shall be maintained within 10% of each other when power level is greater than 80% and within 15% of each other when power level is less than 80%". This LCO was required to assure that the loop selection logic which functioned on the basis of using recirculation loop pressures to determine which loop contained the break once a loss-of-coolant signal was initiated. This logic was necessary to assure low pressure coolant injection systems (LPCIS) were directed to the unbroken loop. The Brunswick Steam Electric Plants Unit 1 and 2 have been modified to eliminate the need for the loop selection logic. This design modification was reviewed by the staff and the related safety evaluation was reported in Supplement No. 2 to the Safety Evaluation of the Brunswick Steam Electric Plants Units 1 and 2 issued December 23, 1974.

The Brunswick Unit 2 modification to the LPCIS removed the requirements for the loop selection logic which has been eliminated and therefore the LCO 3.6.F.1 is not required and can be deleted.

We conclude that the deletion of LCO 3.6.F.1 is acceptable.

2. Updating Plant Organization for Brunswick Steam Electric Plant

In its letter dated August 5, 1975, the Carolina Power & Light Company requested incorporation into the Technical Specifications for the Brunswick Unit 2 certain recent plant organization changes implemented to increase the effectiveness of the plant's operation and management. We have reviewed these recent changes in plant organization and conclude that they continue to meet our requirements and are acceptable.

Conclusion

We have 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; and
- (2) such activities will be conducted in compliance with the Commission's regulations and the issuance of these changes will not be inimical to the common defense and security or to the health and safety of the public.

Dated: **AUG 19 1975**

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

CAROLINA POWER AND LIGHT COMPANY
DOCKET NO. 50-324
BRUNSWICK STEAM ELECTRIC PLANT, UNIT 2
AMENDMENT TO FACILITY OPERATING LICENSE

Amendment No. 4
License No. DPR-62

1. The Nuclear Regulatory Commission (the Commission) has found that:
 - A. The applications for amendment by Carolina Power and Light Company (the licensee) dated June 13 and August 5, 1975 comply 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; and
 - 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.
2. Accordingly, the license is amended by the changes to the Technical Specifications as indicated in the attachment to this license amendment and Paragraph 2C(2) of Facility License No. DPR-62 is hereby amended to read as follows:

"2C(2) Technical Specifications

The Technical Specifications contained in Appendix A and B, as revised, are hereby incorporated in the license. The licensee shall operate the facility in accordance with the Technical Specifications, as revised by issued changes thereto through Change No. 4."

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

FOR THE NUCLEAR REGULATORY COMMISSION

A handwritten signature in cursive script, reading "Walter R. Butler".

Walter R. Butler, Chief
Light Water Reactors Branch 1-2
Division of Reactor Licensing

Attachment:
Change No. 4
Technical Specifications

Date of Issuance: AUG 19 1975

6.5 Review and Audit

Organizational units for the review and audit of plant operations shall be constituted and have the responsibilities and authorities outlined below:

6.5.1 Plant Nuclear Safety Committee (PNSC)

6.5.1.1 Purpose

As an effective means for regular review, evaluation, and maintenance of plant operational safety, a Plant Nuclear Safety Committee (PNSC) will be established during the preoperational test period prior to fuel loading of the first unit. The committee will be chaired by the Plant Manager and composed of plant supervisory personnel. The organization of this committee is shown on Figure 6.5-1.

6.5.1.2 Composition

The Plant Nuclear Safety Committee shall be composed of the following:

- | | | |
|-----|----------------|--|
| (a) | Chairman: | Plant Manager |
| (b) | Vice Chairman: | Operations Supervisor |
| (c) | Secretary: | Administrative Supervisor |
| (d) | | Engineering Supervisor |
| (e) | | Maintenance Supervisor |
| (f) | | Environmental and Radiation Control Supervisor |
| (g) | | Quality Assurance Supervisor |

Minimum qualifications of members of the Plant Nuclear Safety Committee with regard to educational background and experience shall meet or exceed the criteria included in ANSI N18.1-1971, "Selection and Training of Nuclear Power Plant Personnel" for similar supervisory positions.

6.5.1.3 Alternates

Alternate members shall be appointed in writing by the PNSC Chairman to serve on a temporary basis; however, no more than two alternates shall participate in PNSC activities as voting members at any one time.

6.5.1.4 Consultants

Consultants shall be utilized as determined by the PNSC Chairman to provide expert advice to the PNSC.

6.5.1.5 Meeting Frequency

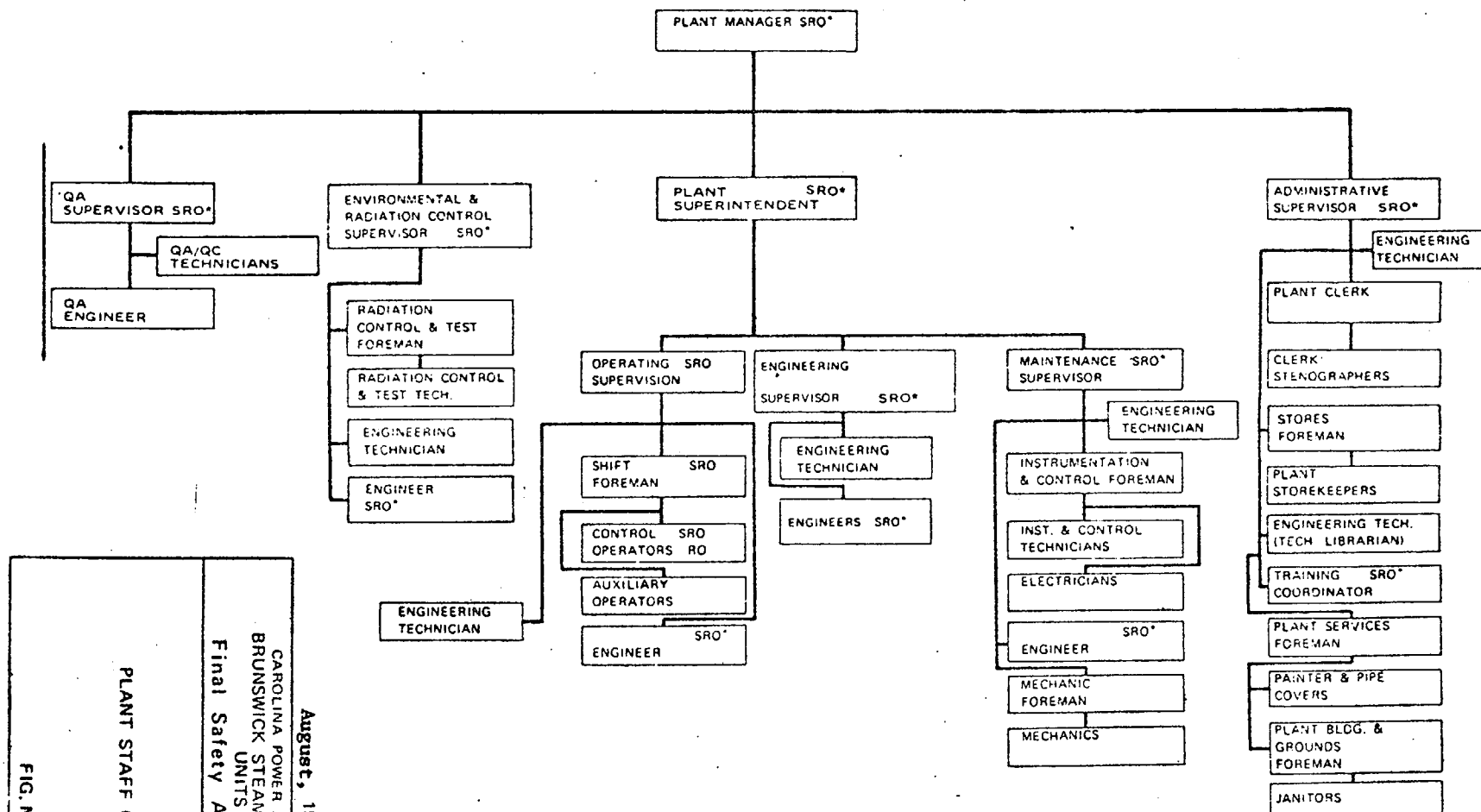
The PNSC shall meet at least once per calendar month and as convened by the PNSC Chairman.

6.5.1.6 Quorum

A quorum of the PNSC shall consist of the Chairman or Vice Chairman plus three members including alternates.

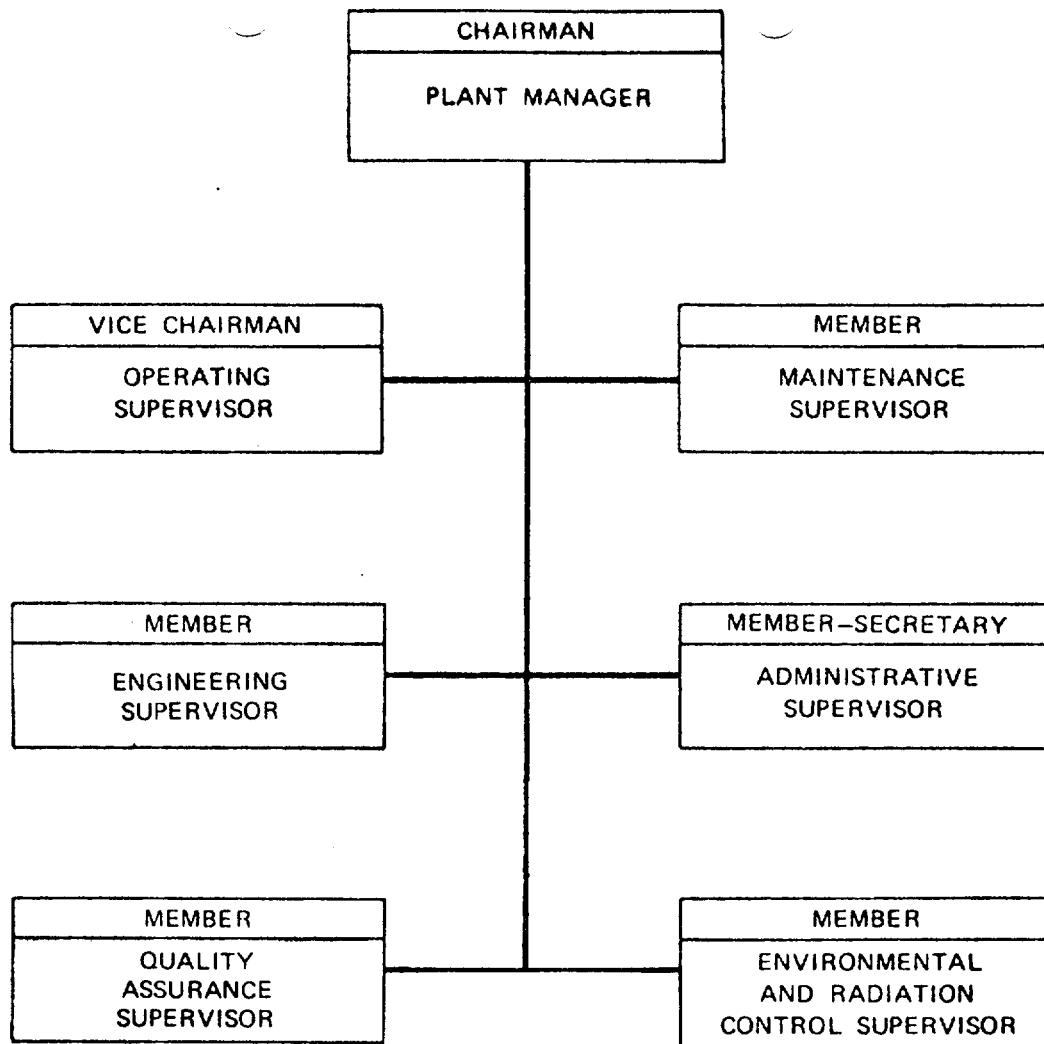
6.5.1.7 Responsibilities

- a) Review of 1) all procedures required by Specification 6.8 and changes thereto, 2) any other proposed procedures or changes thereto as determined by the Plant Manager to affect nuclear safety.
- b) Review of all proposed test and experiments that affect nuclear safety.
- c) Review of all proposed changes to the Technical Specifications.
- d) Review of all proposed changes or modifications to plant systems or equipment that affect nuclear safety.
- e) Investigation of all violations of the Technical Specifications and shall prepare and forward a report covering evaluation and



LEGEND:
 SRO - SENIOR REACTOR OPERATOR LICENSE
 RO - REACTOR OPERATOR LICENSE
 * - LICENSE DESIRABLE

Change No. 4



NOTES:

- (1) ANY THREE MEMBERS OR DESIGNATED ALTERNATES PLUS CHAIRMAN OR VICE CHAIRMAN CONSTITUTES A QUORUM.
- (2) MEETINGS HELD AT LEAST ONCE A MONTH

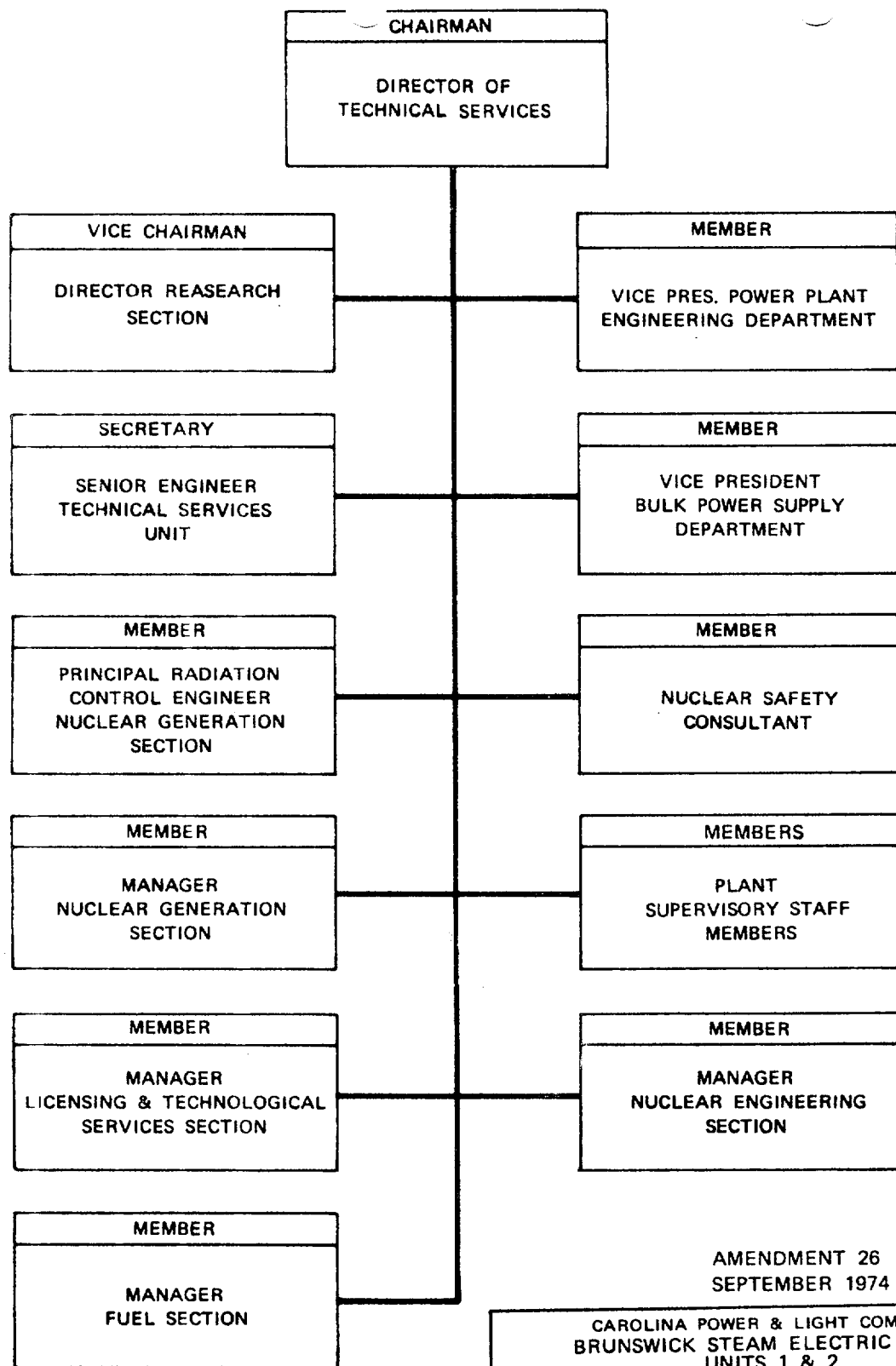
August, 1975

CAROLINA POWER & LIGHT COMPANY
BRUNSWICK STEAM ELECTRIC PLANT
UNITS 1 & 2
Final Safety Analysis Report

ORGANIZATION OF PLANT
NUCLEAR SAFETY COMMITTEE

FIG. NO.

6.5-1



AMENDMENT 26
SEPTEMBER 1974

CAROLINA POWER & LIGHT COMPANY
BRUNSWICK STEAM ELECTRIC PLANT
UNITS 1 & 2
Final Safety Analysis Report

COMPANY NUCLEAR SAFETY
COMMITTEE

FIG. NO. 6.5-2

UNITED STATES NUCLEAR REGULATORY COMMISSION

DOCKET NO. 50-324

CAROLINA POWER & LIGHT COMPANY

NOTICE OF ISSUANCE OF AMENDMENT

TO FACILITY OPERATING LICENSE

The Nuclear Regulatory Commission (the Commission) has issued Amendment No. 4 to Facility Operating License No. DPR-62 issued to Carolina Power & Light Company (the Licensee), which revised Technical Specifications for operation of the Brunswick Steam Electric Plant, Unit 2 located in Southport, North Carolina. The amendment is effective as of its date of issuance.

These technical specification changes provide for an updating of the plant organization in Section 6.0 of the Appendix A and delete specification 3.6.F.1 which is no longer applicable to the Brunswick Unit 2 design.

The applications for the amendment comply 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 this amendment is not required since the amendment does not involve a significant hazards consideration.

For further details with respect to this action, see (1) the applications for amendment, dated June 13, and August 5, 1975, (2) Amendment No. 4 to License No. DPR-62, with Change No. 4 and (3) the Commission's related Safety Evaluation. All of these items are available for public inspection at the Commission's Public Document Room, 1717 H Street, N.W. Washington, D. C. and at the Brunswick County Library, 109 W. 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 Reactor Licensing.

Dated at Bethesda, Maryland, this 19th day of August, 1975.

FOR THE NUCLEAR REGULATORY COMMISSION

A handwritten signature in cursive script that reads "Walter R. Butler".

Walter R. Butler, Chief
Light Water Reactors Branch 1-2
Division of Reactor Licensing