

May 5, 1983

Docket No. 50-324

Mr. E. E. Utley
Executive Vice President
Carolina Power & Light Company
P. O. Box 1551
Raleigh, North Carolina 27602

Dear Mr. Utley:

Re: Brunswick Steam Electric Plant, Unit 2

The Commission has issued the enclosed Order revising certain of your commitments to implement certain post-TMI related items set forth in NUREG-0737 for Brunswick Unit 2. This revised Order is based on commitments contained in your letter of April 1, 1983 and establishes the new completion date of September 30, 1983 for three post-TMI related items: II.B.3, Post Accident Sampling Capability; II.F.1.1, Accident Monitoring, noble gas effluent monitors; and II.F.1.5, Accident Monitoring, continuous indication of containment water level.

The Commission's intention when it issued NUREG-0737 was that items would be completed in accordance with the staff's recommended schedule. However, our evaluation of your proposed schedule exceptions concludes that the proposed delays are acceptable.

A copy of the Order is being filed with the Office of the Federal Register for publication.

Sincerely,

Original signed by
D. B. Vassallo

Domenic B. Vassallo, Chief
Operating Reactors Branch #2
Division of Licensing

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Enclosure:
Order

cc w/enclosure:
See next page

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Mr. E. E. Utley
Carolina Power & Light Company

cc:

Richard E. Jones, Esquire
Carolina Power & Light Company
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Plant Manager
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Board of Commissioners
P. O. Box 249
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Mrs. Chrys Baggett
State Clearinghouse
Budget & Management
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Raleigh, North Carolina 27603

U. S. Environmental Protection Agency
Region IV Office
Regional Radiation Representative
345 Courtland Street, N. W.
Atlanta, Georgia 30308

Resident Inspector
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P. O. Box 1057
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James P. O'Reilly
Regional Administrator, Region II
U.S. Nuclear Regulatory Commission
101 Marietta Street, Suite 3100
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UNITED STATES OF AMERICA
NUCLEAR REGULATORY COMMISSION

In the Matter of

Docket No. 50-324

CAROLINA POWER & LIGHT COMPANY

(Brunswick Steam Electric Plant,
Unit 2)

REVISED ORDER CONFIRMING LICENSEE COMMITMENTS
ON POST-TMI RELATED ISSUES

I.

The Carolina Power & Light Company (the licensee) is the holder of Facility Operating License No. DPR-62 which authorizes the operation of the Brunswick Steam Electric Plant, Unit 2 (the facility) at steady-state power levels not in excess of 2436 megawatts thermal. The facility is a boiling water reactor (BWR) located at the licensee's site in Brunswick County, North Carolina.

II.

Following the accident at Three Mile Island Unit No. 2 (TMI-2) on March 28, 1979, the Nuclear Regulatory Commission (NRC) staff developed a number of proposed requirements to be implemented on operating reactors and on plants under construction. These requirements include Operational Safety, Siting and Design, and Emergency Preparedness and are intended to provide substantial

additional protection in the operation of nuclear facilities based on the experience from the accident at TMI-2 and the official studies and investigations of the accident. The staff's proposed requirements and schedule for implementation are set forth in NUREG-0737, "Clarification of TMI Action Plan Requirements." Among these requirements are a number of items, consisting of hardware modifications, administrative procedure implementation and specific information to be submitted by the licensee, scheduled to be completed on or after July 1, 1981. On March 17, 1982, a letter (Generic Letter 82-05) was sent to all licensees of operating power reactors for those items that were scheduled to be implemented from July 1, 1981 through March 1, 1982. Subsequently, on May 5, 1982, a letter (Generic Letter 82-10) was also sent to all licensees of operating power reactors for those items that were scheduled for implementation after March 1, 1982. These letters are hereby incorporated by reference. In these letters each licensee was requested to furnish within 30 days pursuant to 10 CFR 50.54(f) the following information for items which the staff had proposed for completion on or after July 1, 1981:

- (1) For applicable items that have been completed, confirmation of completion and the date of completion,
- (2) For items that have not been completed, a specific schedule for implementation, which the licensee committed to meet, and
- (3) Justification for delay, demonstration of need for the proposed schedule, and a description of the interim compensatory measures being taken.

III.

The licensee responded to Generic Letter 82-05 by letters dated April 23, June 24, July 1, and December 6, 1982; the licensee responded to Generic Letter 82-10 by letters dated June 9, and December 6, 1982.

In these letters, the licensee made schedular commitments for the completion of each of the remaining items. Based on these commitments, the NRC issued the "Order Confirming Licensee Commitments on Post-TMI Related Issues" dated March 14, 1983 for Brunswick Steam Electric Plant, Unit 2.

By letter dated April 1, 1983 Carolina Power and Light Company requested relief from the commitment dates contained in said Order for three items for Brunswick Unit 2. The specific items are II.B.3, Post Accident Sampling capability; II.F.1.1, Accident Monitoring, noble gas effluent monitors; and II.F.1.5, Accident Monitoring, continuous indication of containment water level. Carolina Power & Light Company requested that these completion dates be changed from June 1, 1983 to September 30, 1983.

The need for this schedular change resulted from the delayed completion of the outage work on Brunswick Unit 1, which required the diversion of resources from Unit 2 that were originally committed to completion of these items on Unit 2. With the completion dates extended to September 30, 1983 Carolina Power and Light Company plans to complete those portions of the installation requiring an outage during the ten-day outage scheduled for Unit 2 on April 9, 1983. At the end of that outage the installation will have progressed to the following extent: Post Accident Sampling, 95% installed; Noble Gas Effluent Monitors, 60% installed and Containment Water Level

Instrumentation, 80% installed. The balance of the installation and testing would be completed by September 30, 1983. We have reviewed the proposed schedule for installation of these modifications, the potential need for the subject instrumentation during the period from June 1, 1983 to September 30, 1983 and the augmented interim instrumentation and procedures that are presently in place for monitoring the pertinent plant conditions in the event of an accident. We have concluded that the licensee has made reasonable progress toward installation of the subject instrumentation and that the interim measures that have been established are adequate to permit continued operation of Brunswick Unit 2 until September 30, 1983 when the subject instrumentation shall be fully operational.

We find, based on the above evaluation, that: 1) the licensee has taken corrective actions regarding the delays and has made a responsible effort to implement the NUREG-0737 requirements noted; 2) there is good cause for the delays; and 3) as noted above, interim compensatory measures have been provided.

IV.

Accordingly, pursuant to Sections 103, 161i, and 161o of the Atomic Energy Act of 1954, as amended, and the Commission's regulations in 10 CFR Parts 2 and 50, IT IS HEREBY ORDERED THAT THE LICENSEE SHALL:

Implement and maintain Post-TMI related items II.B.3, II.F.1.1 and II.F.1.5 described in the licensee's submittals noted in Section III herein no later than September 30, 1983.

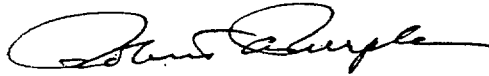
V.

The licensee may request a hearing on this Order within 20 days of the date of publication of this Order in the Federal Register. A request for a hearing shall be addressed to the Director, Office of Nuclear Reactor Regulation, U.S. Nuclear Regulatory Commission, Washington, D.C. 20555. A copy shall also be sent to the Executive Legal Director at the same address.

If a hearing is requested by the licensee, the Commission will issue an Order designating the time and place of any such hearing.

If a hearing is held concerning this Order, the issue to be considered at the hearing shall be whether the licensee should comply with the requirements set forth in Section IV of this Order. This Order is effective upon expiration of the time within which a hearing may be requested.

FOR THE NUCLEAR REGULATORY COMMISSION



Robert A. Purple, Deputy Director
Division of Licensing
Office of Nuclear Reactor Regulation

Dated at Bethesda, Maryland,
this 5th day of May 1983.