

July 6, 1984

DMB 016

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Dockets Nos. 50-269
 50-270
 50-287

Mr. H. B. Tucker, Vice President
 Nuclear Production Department
 Duke Power Company
 P. O. Box 33189
 422 South Church Street
 Charlotte, North Carolina 28242

Dear Mr. Tucker:

The Commission has issued the enclosed Order confirming your commitments to implement those post-TMI related items set forth in Supplement 1 to NUREG-0737, "Requirements for Emergency Response Capability". This Order is based on commitments contained in your letter responding to the NRC's Generic Letter 82-33 dated December 17, 1982.

The Order references your letter and, in its Attachment, contains a list of the requirements specified in Supplement 1 to NUREG-0737 with your schedular commitments or status.

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

Sincerely,

"ORIGINAL SIGNED BY
 JOHN F. STOLZ"
 John F. Stolz, Chief
 Operating Reactors Branch #4
 Division of Licensing

Enclosure:
Order

cc: w/enclosure:
See next page

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 PDR ADCK 05000269
 F PDR

W.R. ORB 4
6/6/84

J.F. Stolz
8/13/83
ORB-5

J. Quaco for
S. Lieberman
6/6/84
JF SHEA, ORB 5

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|---------|--------------|------------|------------|-----------|--------------|-----------|
| OFFICE | ORB #4: DL | ORB #4: DL | ORB #4: DL | AD-OR: DL | OELD | D: DL |
| SURNAME | RIIngram; ps | JSuermann | JStolz | GLalbas | S. Lieberman | DEisenhut |
| DATE | 8/1/83 | 8/1/83 | 8/1/83 | 8/15/83 | 8/9/83 | 8/29/84 |

JUL 6 1984

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Dockets Nos. 50-269,
50-270,
and 50-278-287

Distribution:
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~~Memo File~~
RIngram
HNicolaras

MEMORANDUM TO: Darrell G. Eisenhut, Director
Division of Licensing

THRU: Gus C. Lainas, Assistant Director
for Operating Reactors
Division of Licensing

George W. Rivenbark, Acting Chief
Operating Reactors Branch No. 4
Division of Licensing

FROM: Helen Nicolaras, Project Manager
Operating Reactors Branch No. 4
Division of Licensing

SUBJECT: EXTENSION OF SCHEDULE TO ORIGINAL DATES FOR
OCONEE NUCLEAR STATION ON THE SUPPLEMENT TO
NUREG-0737 DATES.

Duke Power Company revised the original April 14, 1983 response to Supplement 1 of NUREG-0737 for the Oconee Nuclear Station. The reasons, for requesting an extension in the schedules for the Safety Parameter Display System and Regulatory Guide 1.97 Report, are stated below:

1. In a letter dated August 23, 1983, Duke Power Company (DPC) requested changes to the operational schedule for the Safety Parameter Display System (SPDS) to extend November 1984 to July 1985. This change was inadvertently omitted from the draft Order at the time the dates were sent to the Commission. DPC states that:

"The revised SPDS schedule affects only Oconee Unit 2 and is required because of projected inability to complete the control board modifications required to facilitate SPDS installation during the Unit 2 refueling outage (which was completed December 1983). Specific factors for consideration are:

1. The design for the control board modifications necessary to accommodate the new Operator Aid Computer (OAC) CRT's and keyboards was not completed in time for the restart from the refueling outage.

- 2. Field implementation of control board modifications requires significant preparation, manpower, and precautions since Units 1 and 2 share the same control room and Unit 1 is expected to be on line.

Completion of the control board modifications mentioned above was necessary to support the original Unit 2 SPDS operational schedule of November 1984. The required control board modifications include panel cutouts and because of possible interference with operational activities DPC feels it is undesirable to perform this work while the unit is operating. Alternatively, it is proposed that all the Unit 2 SPDS installation activities be completed during the upcoming refueling outage (approximately May 1985) thereby creating an operational date of July 1985 for the Oconee Unit 2 SPDS."

- 2. In a May 3, 1984 letter, DPC requested a change to the commitment date, for submitting the Regulatory Guide 1.97 Report, from May 1984 to September 1984. DPC states that:

"It is requiring much more time and resources than originally estimated to retrieve and evaluate the information pertaining to the present design and develop options and schedules for the implementation of potential upgrades. A four-month extension of time is needed to complete the study.

Additional engineering resources with the necessary experience and expertise to help expedite the Oconee study are severely limited due chiefly to the support presently being given to other commitments made to the NRC. However, as additional personnel become available they will be utilized to expedite completion of the report and ensure fulfillment of the new September 1984 schedule. DPC does not feel that this schedule delay will affect the safe and reliable operation of the Oconee units in any way."

In this report, DPC will also submit a schedule for implementation.

The staff has reviewed the reasons for extending the schedules for the SPDS and the R.G. 1.97 Report and finds them acceptable because:
 1) they involve complex technical issues, 2) the staff concurs with the reasons stated above by the licensee, and 3) the extended schedules still fall within the staff guidelines of the July 12, 1983 memorandum which stated a cutoff date of December 1985.

"ORIGINAL SIGNED BY:"

Helen Nicolaras, Project Manager
 Operating Reactors Branch No. 4
 Division of Licensing

ORB#1:DL
 HN Nicolaras;ef
 06/15/84

ORB#4:DL
 GRivenbark
 06/15/84

ORB#3:DL
 for DCrutchfield
 06/15/84

AD DR:DL
 GLamas
 06/10/84



UNITED STATES
NUCLEAR REGULATORY COMMISSION

WASHINGTON, D.C. 20555

July 6, 1984

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Docket File

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RIngram

DOCKET No. 50-269/279/287

MEMORANDUM FOR: Docketing and Service Branch
Office of the Secretary of the Commission

FROM: Office of Nuclear Reactor Regulation

SUBJECT: Oconee Nuclear Station, Units 1, 2 and 3

One signed original of the *Federal Register* Notice identified below is enclosed for your transmittal to the Office of the Federal Register for publication. Additional conformed copies (6) of the Notice are enclosed for your use.

- Notice of Receipt of Application for Construction Permit(s) and Operating License(s).
- Notice of Receipt of Partial Application for Construction Permit(s) and Facility License(s): Time for Submission of Views on Antitrust Matters.
- Notice of Consideration of Issuance of Amendment to Facility Operating License.
- Notice of Receipt of Application for Facility License(s); Notice of Availability of Applicant's Environmental Report; and Notice of Consideration of Issuance of Facility License(s) and Notice of Opportunity for Hearing.
- Notice of Availability of NRC Draft/Final Environmental Statement.
- Notice of Limited Work Authorization.
- Notice of Availability of Safety Evaluation Report.
- Notice of Issuance of Construction Permit(s).
- Notice of Issuance of Facility Operating License(s) or Amendment(s).
- Order. **Emergency Response Capability**
- Exemption.
- Notice of Granting of Relief.
- Other: _____

Division of Licensing, ORB#4
Office of Nuclear Reactor Regulation

Enclosure:
As stated

| | | | | | | |
|---------|-------------|--|--|--|--|--|
| OFFICE | ORB#4:DL | | | | | |
| SURNAME | RIngram:cf. | | | | | |
| DATE | 7/6/84 | | | | | |

OFFICIAL RECORD COPY

Duke Power Company

cc w/enclosure(s):

Mr. William L. Porter
Duke Power Company
P. O. Box 33189
422 South Church Street
Charlotte, North Carolina 28242

Office of Intergovernmental Relations
116 West Jones Street
Raleigh, North Carolina 27603

Honorable James M. Phinney
County Supervisor of Oconee County
Walhalla, South Carolina 29621

Mr. James P. O'Reilly, Regional Administrator
U. S. Nuclear Regulatory Commission, Region II
101 Marietta Street, NW, Suite 2900
Atlanta, Georgia 30323

Heyward G. Shealy, Chief
Bureau of Radiological Health
South Carolina Department of Health
and Environmental Control
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Bishop, Liberman, Cook, Purcell & Reynolds
1200 17th Street, N.W.
Washington, D. C. 20036

NUCLEAR REGULATORY COMMISSION

| | | |
|--------------------------|---|---------------------|
| In the Matter of |) | Dockets Nos. 50-269 |
| |) | 50-270 |
| DUKE POWER COMPANY |) | 50-287 |
| |) | |
| (Oconee Nuclear Station, |) | |
| Units 1, 2 and 3) |) | |

ORDER CONFIRMING LICENSEE COMMITMENTS
ON EMERGENCY RESPONSE CAPABILITY

I.

Duke Power Company (DPC or the Licensee) is the holder of Facility Operating Licenses Nos. DPR-38, DPR-47 and DPR-55 which authorize the operation of the Oconee Nuclear Station, Units Nos. 1, 2 and 3 (the facilities) at steady-state power levels not in excess of 2568 megawatts thermal for each unit. The facilities consist of pressurized water reactors (PWRs) located at the licensee's site in Oconee County, South 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 and significant upgrading of emergency response capability based on the experience from the accident at TMI-2 and the official studies and investigations of the

- 2 -

accident. The requirements are set forth in NUREG-0737, "Clarification of TMI Action Plan Requirements," and in Supplement 1 to NUREG-0737, "Requirements for Emergency Response Capability." Among these requirements are a number of items consisting of emergency response facility operability, emergency procedure implementation, addition of instrumentation, possible control room design modifications, and specific information to be submitted.

On December 17, 1982, a letter (Generic Letter 82-33) was sent to all licensees of operating reactors, applicants for operating licenses, and holders of construction permits enclosing Supplement 1 to NUREG-0737. In this letter, operating reactor licensees and holders of construction permits were requested to furnish the following information, pursuant to 10 CFR 50.54(f), no later than April 15, 1983:

- (1) A proposed schedule for completing each of the basic requirements for the items identified in Supplement 1 to NUREG-0737, and
- (2) A description of plans for phased implementation and integration of emergency response activities including training.

III.

DPC responded to Generic Letter 82-33 by letter dated April 14, 1983. By letters dated August 23, and December 27, 1983, February 16, March 23, and May 3, 1984, DPC modified several dates as a result of anticipated delays in control board modifications and the delayed receipt of the ATOG SER. In these submittals, DPC made commitments to complete the basic requirements. The attached

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Table summarizing DPC's schedular commitments or status was developed by the NRC staff from the Generic Letter and the information provided by DPC.

DPC's commitments include (1) dates for providing required submittals to the NRC, (2) dates for implementing certain requirements, and (3) a schedule for providing implementation dates for other requirements. These latter implementation dates will be reviewed, negotiated and confirmed by a subsequent order.

The NRC staff reviewed DPC's April 14, August 23, December 27, 1983, February 16, March 23, and May 3, 1984, letters and finds that the modified dates are reasonable, achievable dates for meeting the NRC requirements. The NRC staff concludes that the schedule proposed by the licensee will provide timely upgrading of the licensee's emergency response capability.

In view of the foregoing, I have determined that the implementation of DPC's commitments is required in the interest of the public health and safety and should, therefore, be confirmed by an immediately effective Order.

IV.

Accordingly, pursuant to Sections 103, 161i, 161o and 182 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, EFFECTIVE IMMEDIATELY, THAT the licensee shall:

Implement the specific items described in the Attachment to this ORDER in the manner described in DPC's submittal noted in Section III herein no later than the dates in the Attachment.

- 4 -

Extensions of time for completing these items may be granted by the Director, Division of Licensing, for good cause shown.

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. Any request for a hearing should be addressed to the Director, Office of Nuclear Reactor Regulation, U.S. Nuclear Regulatory Commission, Washington, D.C. 20555. A copy should also be sent to the Executive Legal Director at the same address. A REQUEST FOR HEARING SHALL NOT STAY THE IMMEDIATE EFFECTIVENESS OF THIS ORDER.

If a hearing is to be held, 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 issuance.

FOR THE NUCLEAR REGULATORY COMMISSION



Darrell G. Eisenhower, Director
Division of Licensing
Office of Nuclear Reactor Regulation

Dated at Bethesda, Maryland,
this 6th day of July 1984.

Attachment:
Licensee's Commitments on
Requirements Specified in
Supplement 1 to NUREG-0737

LICENSEE'S COMMITMENTS ON SUPPLEMENT 1 TO NUREG-0737

| TITLE | REQUIREMENT | LICENSEE'S COMPLETION SCHEDULE (OR STATUS) |
|---|--|---|
| 1. Safety Parameter Display System (SPDS) | 1a. Submit a safety analysis and an implementation plan to the NRC. | Completed |
| | 1b. SPDS fully operational and operators trained. | Unit 1 January 1985* Unit 2 July 1985* Unit 3 November 1984* |
| 2. Detailed Control Room Design Review (DCRDR) | 2a. Submit a program plan to the NRC. | Completed |
| | 2b. Submit a summary report to the NRC including a proposed schedule for implementation. | Completed |
| 3. Regulatory Guide 1.97 - Application to Emergency Response Facilities | 3a. Submit a report to the NRC describing how the requirements of Supplement 1 to NUREG-0737 have been or will be met. | September 1984* |
| | 3b. Implement (installation or upgrade) requirements. | Schedule to be confirmed based on September 1984 report requirements. |

LICENSEE'S COMMITMENTS ON SUPPLEMENT 1 TO NUREG-0737

| TITLE | REQUIREMENT | LICENSEE'S COMPLETION SCHEDULE (OR STATUS) |
|--|--|---|
| 4. Upgrade Emergency Operating Procedures (EOPs) | 4a. Submit a Procedures Generation Package to the NRC. | Completed |
| | 4b. Implement the upgraded EOPs. | October 1985 |
| 5. Emergency Response Facilities | 5a. Technical Support Center fully functional. | Completed* |
| | 5b. Operational Support Center fully functional. | Completed |
| | 5c. Emergency Operations Facility fully functional. | EOF Siting Relief Requested by Ltr dated June 3, 1983 |

*Except for SPDS and Regulatory Guide 1.97 (See Item 1 & 3 above).