

JUN 14 1984

Docket Nos. 50-338
and 50-339

Mr. W. L. Stewart
Vice President - Nuclear Operations
Virginia Electric and Power Company
Post Office Box 26666
Richmond, Virginia 23261

Dear Mr. Stewart:

SUBJECT: ORDER CONFIRMING LICENSEE COMMITMENTS ON EMERGENCY RESPONSE
CAPABILITY SCHEDULES (GENERIC LETTER 82-33)

NORTH ANNA POWER STATION, UNITS NO. 1 AND 2

The Commission has issued the enclosed Order confirming your commitments on emergency response capability. This Order is based on your letter dated April 15, 1983, committing to the actions specified in the Order.

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

Sincerely,

Original Signed by J. R. Miller

James R. Miller, Chief
Operating Reactors Branch #3
Division of Licensing

Enclosure:
Order

cc w/enclosure:
See next page

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*See previous page for concurrences.

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| OFFICE | ORB#3:DL* | ORB#3:DL* | ORB#5:DL* | ORB#3:DL* | AD:OR:DL* | OELD* | D:DL* |
| SURNAME | PMKreutzer | LEngle/pn | DCrutchfield | RAClark | GCLainas | | DGEisenhut |
| DATE | 7/27/83 | 7/27/83 | 7/28/73 | 7/29/83 | 8/1/83 | 8/2/83 | 8/12/84 |

Mr. W. L. Stewart

- 2 -

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

Sincerely,

Robert A. Clark, Chief
Operating Reactors Branch #3
Division of Licensing

Enclosure:
Order

cc w/enclosure:
See next page

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| DATE | 7/27/83 | 7/27/83 | 7/28/83 | 7/29/83 | 8/1/83 | 8/2/83 | 7/ /83 |

Virginia Electric and Power Company

cc:

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Regional Administrator
Nuclear Regulatory Commission, Region II
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Atlanta, Georgia 30303

Old Dominion Electric Cooperative
c/o Executive Vice President
5601 Chamberlayne Road
Richmond, Virginia 23227

Docket Nos. 50-338
and 50-339

ORDER CONFIRMING LICENSEE COMMITMENTS ON EMERGENCY RESPONSE CAPABILITY

Virginia Electric and Power Company (VEPCO) and the Old Dominion Electric Cooperative (ODEC) are the holders of Facility Operating License Nos. NPF-4 and NPF-7 which authorize VEPCO to operate the North Anna Power Station, Unit No. 1 and No. 2 (the facility) at steady-state power levels not in excess of 2775 megawatts thermal. The facility consists of two pressurized water reactors (PWRs) located in Louisa County, Virginia.

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

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.

VEPCO responded to Generic Letter 82-33 by letters dated April 15, 1983, January 31, 1984, February 21, 1984, March 1, 1984 and March 13, 1984. In these submittals, VEPCO made commitments to complete the basic requirements. The attached Table summarizing VEPCO's scheduler commitments or status was developed by the NRC staff from the Generic Letter and the information provided by VEPCO.

VEPCO'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 VEPCO's April 15, 1983 letter and entered into negotiations with the licensee regarding schedules for meeting the requirements of Supplement 1 to NUREG-0737. As a result of these negotiations, certain dates were modified by VEPCO. The NRC staff finds that the modified dates are reasonable, achievable dates for meeting the Commission 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 VEPCO'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 VEPCO's submittals noted in Section III herein no later than the dates in the Attachment.

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. Eisenhut, Director
Division of Licensing
Office of Nuclear Reactor Regulation

Dated at Bethesda, Maryland,
this 14th day of June, 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. | Complete |
| | 1b. SPDS fully operational and operators trained. | North Anna 1-Prior to Resuming Power Operation After the 5th Refueling Outage (1/1/86 to 2/22/86)* North Anna 2-Prior to Resuming Power Operation After the 4th Refueling Outage (4/18/86 to 6/9/86)* |
| 2. Detailed Control Room Design Review (DCRDR) | 2a. Submit a program plan to the NRC. | Complete |
| | 2b. Submit a summary report to the NRC including a proposed schedule for implementation. | Provide Schedule August 30, 1985 |
| 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. | Complete |
| | 3b. Implement (installation or upgrade) requirements. | Refueling in 1986** |

*present schedule

**incore thermocouples are tracked on separate schedule

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. | Complete |
| | 4b. Implement the upgraded EOPs. | April 15, 1984 C |
| 5. Emergency Response Facilities | 5a. Technical Support Center fully functional. | July 1, 1985 |
| | 5b. Operational Support Center fully functional. | Complete Except for Communications Tie-In with EOF. |
| | 5c. Emergency Operations Facility fully functional. | July 31, 1985 except for data communications which follows SPDS schedule |