

UNITED STATES OF AMERICA  
NUCLEAR REGULATORY COMMISSION

In the Matter of	}	
TENNESSEE VALLEY AUTHORITY	}	Docket No. 50-296
(Browns Ferry Nuclear Plant, Unit 3)	}	

MODIFICATION OF MARCH 25, 1983 ORDER CONFIRMING LICENSE  
COMMITMENTS ON POST-TMI RELATED ISSUES

I.

The Tennessee Valley Authority (licensee) is the holder of Facility Operating License No. DPR-68 which authorizes the operation of the Browns Ferry Nuclear Plant, Unit 3, at steady state reactor power levels not in excess of 3293 megawatts thermal. The facility consists of a boiling water reactor located at the licensee's site in Limestone County, Alabama.

II.

On March 25, 1983, the Commission issued an Order modifying the license, effective immediately, requiring the licensee to implement and maintain certain specific NUREG-0737 items on dates specified in the Attachments to the Order. Among other requirements, the confirmatory Order required the licensee to install containment radiation monitoring instrumentation meeting the requirements of Item II.F.1.3, of NUREG-0737 prior to startup in Cycle 6.

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By letter dated March 27, 1984, TVA informed the staff that it has been determined that the design of necessary cable connections to the drywell penetration for the installation of this equipment is inadequate and therefore, full environmental qualification of the installed system is questionable. Revision of the design and procurement and installation of the equipment to meet the environmental qualification requirements within the time remaining in the current (end-of-cycle 5) outage is not possible. By a letter dated March 27, 1984 TVA requested that relief from the schedular requirements of the subject Order be granted for Item II.F.1.3 to extend the required completion date from "before startup in Cycle 6" to "before startup in Cycle 7" (a period of about 19 months).

As a compensatory measure, TVA committed to maintain the existing containment radiation monitors in service during the upcoming Cycle 6 operation. These radiation monitors perform the same function as the monitors required by NUREG-0737, Item II.F.1.3, except that they do not have the extended range ( $10^8$  rad/hour). As an additional backup, TVA has the capability at Browns Ferry to periodically collect and analyze samples of the containment atmosphere.

For the Browns Ferry Nuclear Plant, Unit 3, we find that with respect to NUREG-0737, Item II.F.1.3, the licensee has made a responsible effort to implement this requirement, there is a good cause for a delay in having radiation monitors fully qualified for the environmental conditions specified in Item II.F.1.3 and that acceptable interim compensatory measures have been provided.

III.

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 ORDERED that the completion date for NUREG-0737, Item II.F.1.3 required in the March 25, 1983 "Order Confirming Licensee Commitments on Post-TMI Related Issues" be extended to: "Prior to startup in Cycle 7." The licensee is also required to maintain the existing containment radiation monitors in service in accordance with the present Technical Specifications. The Order of March 25, 1983, except as modified herein, remains in effect in accordance with its terms.

The Director, Office of Nuclear Reactor Regulation, may relax or rescind any of the above conditions in writing for good cause shown by the licensee.

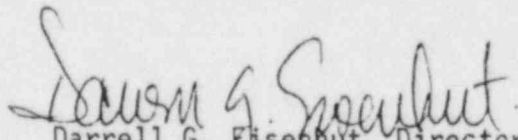
IV.

The licensee may request a hearing 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 the 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 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 III of this Order.

This Order shall become effective upon the licensee's consent or upon expiration of the time within which the licensee may request a hearing or, if a hearing is requested by the licensee, on the date specified in an Order issued following further proceedings on this Order.

FOR THE NUCLEAR REGULATORY COMMISSION



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

Dated at Bethesda, Maryland  
this 24th day of August, 1984.