



Tennessee Valley Authority, Post Office Box 2000, Decatur, Alabama 35609

MAR 10 1994

U. S. Nuclear Regulatory Commission
ATTN: Document Control Desk
Washington, D. C. 20555

Gentleman:

In the Matter of)	Docket Nos. 50-259
Tennessee Valley Authority)	50-260
		50-296

BROWNS FERRY NUCLEAR PLANT (BFN) - RESPONSE TO NUCLEAR REGULATORY COMMISSION (NRC) REQUEST FOR ADDITIONAL INFORMATION REGARDING GENERIC LETTER 92-08, "THERMO-LAG 330-1 FIRE BARRIERS"

- References:
1. TVA letter to NRC dated May 10, 1993, "Response to Generic Letter 92-08, Thermo-Lag 330-1 Fire Barriers, Revision 1"
 2. NRC letter to TVA dated January 18, 1994, "Denial of Exemption From Section III.G of Appendix R to 10 CFR Part 50 and Request For Additional Information"
 3. TVA letter to NRC dated July 9, 1993, "Results of Qualification Testing For Thermo-Lag 330 Fire Barriers, Watts Bar Nuclear Plant"

In a letter to NRC on May 10, 1993, (Reference 1), TVA requested an exemption from 10 CFR 50, Appendix R for Residual Heat Removal Service Water (RHRSW) power cables in the Intake Pumping Station. In Reference 2 the staff denied TVA's request for the exemption and requested additional information describing measures that will be taken by TVA to comply with Section III.G.b.2 of 10 CFR 50, Appendix R for the RHRSW system power cables. This letter provides the additional information as clarified by Joseph F. Williams, Project Manager for BFN.

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TVA intends to modify the existing Thermo-Lag installations in the Intake Pumping Station with one-hour fire rated configurations similar to those from the Watts Bar Nuclear Plant Thermo-Lag qualification test program. TVA's preliminary assessment indicates that configurations identified as TVA fire tests 3, 4, 5, and 6, from Enclosure 1, Appendix 1, of Reference 3, are applicable to the RHRSW cables in the Intake Pumping Station.

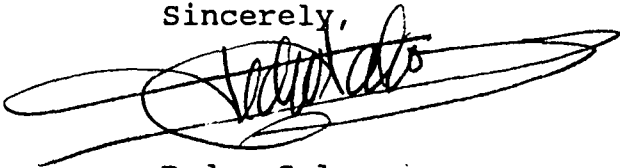
Furthermore, as additional qualified configurations are identified, TVA may utilize other configurations to bring the RHRSW power cables into compliance with Section III.G.b.2 of 10 CFR 50, Appendix R.

TVA will complete the required modifications necessary to bring the RHRSW power cables in compliance with Section III.G.b.2 of 10 CFR 50, Appendix R, by July 26, 1995. In the meantime, TVA is maintaining compensatory actions for an inoperable fire barrier in the affected area.

TVA will inform NRC of the final design if the design indicates configurations other than described in the above. The enclosure provides the commitments made by this letter.

If you have any questions concerning this issue, please contact me at (205) 729-2636.

Sincerely,

A handwritten signature in black ink, appearing to read "Pedro Salas", is written over a large, horizontal, scribbled-out line.

Pedro Salas
Manager of Site Licensing

Enclosure

cc: See page 2

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cc(Enclosure):

Mr. R. V. Crlenjak, Project Chief
U.S. Nuclear Regulatory Commission
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101 Marietta Street, NW, Suite 2900
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NRC Resident Inspector
Browns Ferry Nuclear Plant
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Mr. Joseph F. Williams, Project Manager
U.S. Nuclear Regulatory Commission
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ENCLOSURE

TENNESSEE VALLEY AUTHORITY
BROWNS FERRY NUCLEAR PLANT (BFN)
UNITS 1, 2, AND 3

REQUEST FOR ADDITIONAL INFORMATION REGARDING GENERIC LETTER
(GL)92-08, "THERMO-LAG 330-1 FIRE BARRIERS"

COMMITMENT

TVA will complete the required modifications necessary to bring the Residual Heat Removal Service Water system power cables into compliance with Section III.G.b.2 of 10 CFR 50, Appendix R, by July 26, 1995.

TVA will inform NRC of the final design if the design indicates configurations other than described in this letter above. If such changes occur, TVA will issue a letter describing the changes in configuration by October 1, 1995.