



Tennessee Valley Authority, 1101 Market Street, Chattanooga, Tennessee 37402

January 31, 2013

ATTN: Document Control Desk
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555-0001

Browns Ferry Nuclear Plant, Units 1, 2, and 3
Facility Operating License Nos. DPR-33, DPR-52, and DPR-68
NRC Docket Nos. 50-259, 50-260, and 50-296

Subject: Revision to the Generic Letter 89-10, Safety-related Motor-operated Valve, Scope

- Reference:
1. Letter from TVA to NRC, "Browns Ferry Nuclear Plant (BFN) - Units 2 and 3 - Generic Letter (GL) 89-10, Safety-related Motor-operated Valve (MOV) Testing and Surveillance, NRC Inspector Followup Item (IFI) 50-260, 296/95-19-01, Response to Request for Reevaluation Regarding Reduced scope of MOVs," dated January 6, 1997
 2. Letter from TVA to NRC, "Browns Ferry Nuclear Plant (BFN) Unit 1 - Generic Letter 89-10 and Supplements 1 to 7, Safety-related Motor-operated Valve (MOV) Testing and Surveillance," dated May 5, 2004

In a letter dated January 6, 1997 (Reference 1), the Tennessee Valley Authority (TVA) submitted a letter that provided a reevaluation of the safety functions of certain motor-operated valves (MOVs) that were removed from or not included in the Browns Ferry Nuclear Plant (BFN) Generic Letter (GL) 89-10 program for BFN, Units 2 and 3. Based on the reevaluation performed by TVA, certain MOVs were added to the GL 89-10 program. However, other MOVs that were normally in their safety position were not added to the GL 89-10 program for BFN, Units 2 and 3. For these MOVs, a commitment was made to revise plant procedures to require that the affected system, or train for the MOVs that were not added to the GL 89-10 program be declared inoperable when the MOVs were taken out of their normal safety position for testing.

TVA submitted a letter dated May 5, 2004 (Reference 2) that provided an updated response to GL 89-10 for BFN, Unit 1. Based on this updated response to GL 89-10 program, BFN, Unit 1, included the same scope of the GL 89-10 program as the BFN, Units 2 and 3, GL 89-10 program.

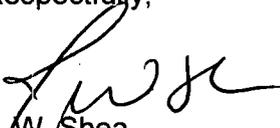
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As part of extent of condition reviews associated with the failure of valve 1-FCV-74-66, discovered on October 23, 2010, the scope of the GL 89-10 program for BFN has been reevaluated. The purpose of this letter is to revise the scope of the GL 89-10 program for BFN to include the additional valves identified during this reevaluation. The Enclosure provides a list of MOVs that have been added to the GL 89-10 program for BFN.

The Enclosure provides a summary of commitments contained in this letter and a projected schedule for their completion. Should you have any questions concerning this submittal, please contact J. E. Emens, Jr., Nuclear Site Licensing Manager, at (256) 729-2636.

Respectfully,


J. W. Shea
Vice President, Nuclear Licensing

Enclosure:

List of Valves Added to Generic Letter 89-10 Program

cc (Enclosure):

NRC Regional Administrator - Region II
NRC Senior Resident Inspector - Browns Ferry Nuclear Plant

ENCLOSURE
Browns Ferry Nuclear Plant
Units 1, 2, and 3
List of Valves Added to Generic Letter 89-10 Program
Commitment Summary

The Tennessee Valley Authority has added the following motor-operated valves (MOVs) to the Generic Letter (GL) 89-10 program. These MOVs will be in full compliance with GL 89-10 program requirements by the end of the Browns Ferry Nuclear Plant, Unit 2, Spring 2013 refueling outage.

UNID	Description
1-FCV-71-17	Unit 1 Reactor Core Isolation Cooling Torus Supply Valve
1-FCV-71-18	Unit 1 Reactor Core Isolation Cooling Torus Supply Valve
1-FCV-71-19	Unit 1 Reactor Core Isolation Cooling Suction Valve from Condensate Storage Tank
1-FCV-74-01	Unit 1 Residual Heat Removal Shutdown Cooling Valves (Torus)
1-FCV-74-12	Unit 1 Residual Heat Removal Shutdown Cooling Valves (Torus)
1-FCV-74-24	Unit 1 Residual Heat Removal Shutdown Cooling Valves (Torus)
1-FCV-74-35	Unit 1 Residual Heat Removal Shutdown Cooling Valves (Torus)
1-FCV-74-02	Unit 1 Residual Heat Removal Shutdown Cooling Valves (Reactor)
1-FCV-74-13	Unit 1 Residual Heat Removal Shutdown Cooling Valves (Reactor)
1-FCV-74-25	Unit 1 Residual Heat Removal Shutdown Cooling Valves (Reactor)
1-FCV-74-36	Unit 1 Residual Heat Removal Shutdown Cooling Valves (Reactor)
1-FCV-74-52	Unit 1 Residual Heat Removal Loop I Low Pressure Coolant Injection Valve
1-FCV-74-66	Unit 1 Residual Heat Removal Loop II Low Pressure Coolant Injection Valve
2-FCV-71-17	Unit 2 Reactor Core Isolation Cooling Torus Supply Valve
2-FCV-71-18	Unit 2 Reactor Core Isolation Cooling Torus Supply Valve
2-FCV-71-19	Unit 2 Reactor Core Isolation Cooling Suction Valve from Condensate Storage Tank
2-FCV-74-01	Unit 2 Residual Heat Removal Shutdown Cooling Valves (Torus)
2-FCV-74-12	Unit 2 Residual Heat Removal Shutdown Cooling Valves (Torus)
2-FCV-74-24	Unit 2 Residual Heat Removal Shutdown Cooling Valves (Torus)
2-FCV-74-35	Unit 2 Residual Heat Removal Shutdown Cooling Valves (Torus)
2-FCV-74-02	Unit 2 Residual Heat Removal Shutdown Cooling Valves (Reactor)
2-FCV-74-13	Unit 2 Residual Heat Removal Shutdown Cooling Valves (Reactor)
2-FCV-74-25	Unit 2 Residual Heat Removal Shutdown Cooling Valves (Reactor)
2-FCV-74-36	Unit 2 Residual Heat Removal Shutdown Cooling Valves (Reactor)
2-FCV-74-52	Unit 2 Residual Heat Removal Loop I Low Pressure Coolant Injection Valve
2-FCV-74-66	Unit 2 Residual Heat Removal Loop II Low Pressure Coolant Injection Valve

UNID	Description
3-FCV-71-17	Unit 3 Reactor Core Isolation Cooling Torus Supply Valve
3-FCV-71-18	Unit 3 Reactor Core Isolation Cooling Torus Supply Valve
3-FCV-71-19	Unit 3 Reactor Core Isolation Cooling Suction Valve from Condensate Storage Tank
3-FCV-74-01	Unit 3 Residual Heat Removal Shutdown Cooling Valves (Torus)
3-FCV-74-12	Unit 3 Residual Heat Removal Shutdown Cooling Valves (Torus)
3-FCV-74-24	Unit 3 Residual Heat Removal Shutdown Cooling Valves (Torus)
3-FCV-74-35	Unit 3 Residual Heat Removal Shutdown Cooling Valves (Torus)
3-FCV-74-02	Unit 3 Residual Heat Removal Shutdown Cooling Valves (Reactor)
3-FCV-74-13	Unit 3 Residual Heat Removal Shutdown Cooling Valves (Reactor)
3-FCV-74-25	Unit 3 Residual Heat Removal Shutdown Cooling Valves (Reactor)
3-FCV-74-36	Unit 3 Residual Heat Removal Shutdown Cooling Valves (Reactor)
3-FCV-74-52	Unit 3 Residual Heat Removal Loop I Low Pressure Coolant Injection Valve
3-FCV-74-66	Unit 3 Residual Heat Removal Loop II Low Pressure Coolant Injection Valve