



Tennessee Valley Authority, Post Office Box 2000, Soddy-Daisy, Tennessee 37384-2000

November 28, 2007

10 CFR 50.54(f)

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

Gentlemen:

In the Matter of)
Tennessee Valley Authority (TVA))

Docket Nos. 50-327
50-328

SEQUOYAH NUCLEAR PLANT (SQN) UNITS 1 AND 2 - NUCLEAR REGULATORY COMMISSION (NRC) GENERIC LETTER (GL) 2004-02, POTENTIAL IMPACT OF DEBRIS BLOCKAGE ON EMERGENCY RECIRCULATION DURING DESIGN BASIS ACCIDENTS AT PRESSURIZED-WATER REACTORS (PWR) – NOTICE OF COMPLETION (TAC NOS. MC4717, MC4718)

Reference: 1) TVA letter to NRC dated September 1, 2005, "Sequoyah Nuclear Plant (SQN) Units 1 and 2 - Nuclear Regulatory Commission (NRC) Generic Letter (GL) 2004-02, Potential Impact of Debris Blockage on Emergency Recirculation During Design Basis Accidents at Pressurized-Water Reactors (PWR) – Second Response (TAC NOS. MC4717, MC4718)"

2) TVA letter to NRC dated December 21, 2006, "Sequoyah Nuclear Plant (SQN) Units 1 and 2 - Nuclear Regulatory Commission (NRC) Generic Letter (GL) 2004-02, Potential Impact of Debris Blockage on Emergency Recirculation During Design Basis Accidents at Pressurized-Water Reactors (PWR) – Supplemental Response (TAC NOS. MC4717, MC4718)"

The purpose of this letter is to provide notice of completion of the planned activities discussed in SQN's supplemental response (Reference 2). Specifically, SQN has completed the design and installation of the sump strainers for the containment as committed in Reference 1. The design of the sump strainer flow area provides margin reserved for chemical effects in terms of additional pressure loss across the strainer assembly. An additional strainer head loss margin allocation of 0.20 ft of water was applied to the available pump net positive suction head to account for potential sump

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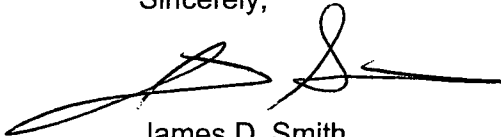
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inventory chemical effects as shown in Reference 2. TVA will continue to monitor the industry's efforts regarding chemical effects and will evaluate the results for potential effects on the SQN design.

There are no new commitments made in this letter. If you have any questions concerning this matter, please contact me at (423) 843-7170.

I declare under penalty of perjury that the foregoing is true and correct. Executed on the 28th day of November 2007.

Sincerely,

A handwritten signature in black ink, appearing to read 'James D. Smith', with a long horizontal stroke extending to the right.

James D. Smith
Manager, Site Licensing and
Industry Affairs

cc: Mr. Brendan Moroney, Senior Project Manager
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