

Mr. J. A. Scalice
 Chief Nuclear Officer and
 Executive Vice President
 Tennessee Valley Authority
 6A Lookout Place
 1101 Market Street
 Chattanooga, Tennessee 37402-2801

September 15, 1999

SUBJECT: WATTS BAR UNIT 1 - SAFETY EVALUATION - GENERIC LETTER 95-07,
 "PRESSURE LOCKING AND THERMAL BINDING OF SAFETY-RELATED
 POWER-OPERATED GATE VALVES" (TAC NO. M93537)

Dear Mr. Scalice:

On August 17, 1995, the U.S. Nuclear Regulatory Commission (NRC) issued Generic Letter (GL) 95-07, "Pressure Locking and Thermal Binding of Safety-Related Power-Operated Gate Valves," to request that licensees take actions to ensure that safety-related power-operated gate valves that are susceptible to pressure locking or thermal binding are capable of performing their safety functions.

In a letter of February 13, 1996, Tennessee Valley Authority (TVA) submitted its 180-day response to GL 95-07 for Watts Bar Nuclear Plant, Unit 1. In a letter dated March 15, 1996, TVA supplemented its 180-day response. The NRC staff reviewed TVA's submittals and sent them a request for additional information on June 28, 1996. In a letter of July 26, 1996, TVA provided the additional information. On August 2, 1999, TVA provided a response to a second request for additional information which had been transmitted to TVA on May 28, 1999.

The NRC staff has reviewed TVA's submittals and finds that TVA has adequately addressed the actions requested in GL 95-07, as discussed in the enclosed Safety Evaluation. This completes the NRC staff's efforts on TAC No. M93537.

Sincerely,
 Original signed by:
 Robert E. Martin, Senior Project Manager, Section 2
 Project Directorate II
 Division of Licensing Project Management
 Office of Nuclear Reactor Regulation

Docket No. 50-390

Enclosures: Safety Evaluation
 cc w/encls: See next page

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UNITED STATES
NUCLEAR REGULATORY COMMISSION

WASHINGTON, D.C. 20555-0001

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Sincerely,

A handwritten signature in cursive script that reads "Robert E. Martin".

Robert E. Martin, Senior Project Manager, Section 2
Project Directorate II
Division of Licensing Project Management
Office of Nuclear Reactor Regulation

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