

January 18, 2002

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

SUBJECT: WATTS BAR NUCLEAR PLANT, UNIT 1 — REACTOR VESSEL FRACTURE
TOUGHNESS TESTING — COMPLETION OF J-R CURVE TESTING FOR
CAPSULE W SPECIMENS (TAC NO. MB2335)

Dear Mr. Scalice:

Watts Bar License Condition C.(5) "Reactor Vessel Fracture Toughness Testing" specifies, in part, that "Supplemental fracture toughness testing (J-R) will be performed in accordance with a testing procedure that has been previously reviewed and approved by the NRC staff on Surveillance Capsule W specimens (removed from Cycle 3 Refueling Outage) and Capsule X specimens (to be removed from Cycle 5 Refueling Outage)."

The U.S. Nuclear Regulatory Commission's (NRC's) letter of August 1, 2001, documented our verbal approval of your Capsule W specimen testing procedure and plan prior to you testing irradiated specimens on July 18, 2001. On October 9, 2001, you submitted the Surveillance Capsule W specimen test results to us.

With the successful completion of J-R curve testing for Capsule W specimens, I am closing TAC number MB2335. We will review and evaluate your Surveillance Capsule W specimen test results and assess your J-R curve data under a new TAC number. I will send you a letter documenting our review of your J-R curve data later. Please contact me if you have any questions.

Sincerely,

/RA/

L. Mark Padovan, Project Manager, Section 2
Project Directorate II
Division of Licensing Project Management
Office of Nuclear Reactor Regulation

Docket No. 50-390

cc: See next page

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WATTS BAR NUCLEAR PLANT

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