

February 11, 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 - REQUEST FOR ADDITIONAL
INFORMATION RE: TRITIUM PRODUCTION PROGRAM INTERFACE ISSUE 7
(TAC NO. MB1884)

Dear Mr. Scalice:

The Nuclear Regulatory Commission staff has reviewed your application of August 20, 2001, for Watts Bar's Tritium Production Program. We need additional information to complete our review. I discussed the enclosed Request for Additional Information with Mr. Chardos, Tennessee Valley Authority's Tritium Program Manger, and he agreed to respond to this request by February 22, 2002. 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

Enclosure: Request for Additional
Information

cc w/ enclosure: See next page

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Request for Additional Information

Tritium Production Program Interface Issue 7

Watts Bar Nuclear Plant, Unit 1

Docket No. 50-390

Interface Issue 7 — Light-Load Handling System

1. In Part B.III.6.A.2 of Tennessee Valley Authority's (TVA's) August 20, 2001, submittal, TVA states that damage to more than 24 tritium-producing burnable absorber rods contained in a consolidation canister is precluded for all credible impact scenarios. What is the basis for this?
2. TVA states that an analysis was not performed for a fuel assembly falling onto a loaded consolidation canister, therefore administrative and/or design features will be in place to preclude damage. What are the specific administrative and /or design features, and when will these be implemented?

Enclosure

Mr. J. A. Scalice
Tennessee Valley Authority

WATTS BAR NUCLEAR PLANT

cc:

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