

July 26, 1994

Docket Nos. 50-390
and 50-391

Mr. Oliver D. Kingsley, Jr.
President, TVA Nuclear and
Chief Nuclear Officer
Tennessee Valley Authority
6A Lookout Place
1101 Market Street
Chattanooga, Tennessee 37402-2801

Dear Mr. Kingsley:

SUBJECT: WATTS BAR NUCLEAR PLANT - ACCEPTANCE OF REVISION 3 OF THE OFFSITE
DOSE CALCULATION MANUAL (TAC NOS. M77553 AND M88410)

By letter dated December 9, 1993, the staff requested TVA to revise the Offsite Dose Calculation Manual (ODCM), Revision 2, taking into account the comments in the technical evaluation report (TER) EGG-NRP-11028 for guidance. In response, TVA submitted Revision 3 to the Watts Bar ODCM on April 23, 1994.

The staff reviewed Revision 3 of the ODCM and found that it uses documented and approved methods that are consistent with the methodology and guidelines in NUREG-0133, "Preparation of Radiological Effluent Technical Specifications for Nuclear Power Plants," and Regulatory Guide 1.109, "Calculation of Annual Doses to Man from Routine Releases of Reactor Effluents for the Purpose of Evaluating Compliance with 10 CFR Part 50, Appendix I", and is thus acceptable. The enclosed safety evaluation discusses four areas that need to be further addressed (some are typographical, others deal with technical issues). Since these involve refinements to a basically sound document, there is no need for immediate action. Please address all the issues in the safety evaluation and make appropriate changes in a future revision of the ODCM; the staff will follow up the resolution of these issues in a future inspection.

Sincerely,

Original signed by

Peter S. Tam, Senior Project Manager
Project Directorate II-4
Division of Reactor Projects II-4
Office of Nuclear Reactor Regulation

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PDR ADOCK 05000390
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Enclosure:
Safety Evaluation

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DATE	7/21/94	7/21/94	7/24/94	7/24/94	7/26/94	7/26/94

Document Name: WBNSE

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