



Tennessee Valley Authority, Post Office Box 2000, Spring City, Tennessee 37381

MAY 14 1998

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

Gentlemen:

In the Matter of) Docket No. 50-390
Tennessee Valley Authority) 50-391

WATTS BAR NUCLEAR PLANT (WBN) UNITS 1 AND 2 - ANNUAL RADIOLOGICAL ENVIRONMENTAL OPERATING REPORT - 1997

In accordance with the requirements of the WBN Unit 1 Technical Specifications, Section 5.9.2, and the WBN Offsite Dose Calculation Manual, Administrative Control Section 5.1, the 1997 Annual Radiological Environmental Monitoring Program (REMP) results and Data Supplement for WBN are enclosed. The REMP implements 10 CFR 50, Appendix I, Sections IV.B.2, IV.B.3, and IV.C.

The report, which is prepared by TVA's Environmental Radiological Monitoring and Instrumentation group at the Western Area Radiological Laboratory in Muscle Shoals, Alabama describes and summarizes the results of radioactivity measurements taken in the vicinity of WBN during the second year of the Operational REMP. This reporting period also included WBN's first refueling outage. The results of the analysis from the environmental samples indicated that exposure to members of the general public, which may have been attributable to the operation of WBN, were negligible.

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If you should have any questions, please contact me at (423) 365-1824.

Sincerely,

CAW Touchstone

for

P. L. Pace
Site Licensing Manager

Enclosure

cc (Enclosure):

NRC Resident Inspector
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