



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

John A. Scalice
Site Vice President, Watts Bar Nuclear Plant

MAY 12 1997

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) - ANNUAL RADIOLOGICAL ENVIRONMENTAL
OPERATING REPORT - 1996

In accordance with 10 CFR 50, Appendix I, Sections IV.B.2 and IV.B.3 as implemented by the requirements in the WBN Unit 1 Technical Specifications, Section 5.9.2, and the WBN Offsite Dose Calculation Manual (ODCM), Administrative Control Section 5.1, the 1996 Annual Radiological Environmental Monitoring Program (REMP) results and Data Supplement for WBN are enclosed. These reports were prepared by TVA's Environmental Radiological Monitoring and Instrumentation group at the Western Area Radiological Laboratory in Muscle Shoals, Alabama.

This report describes and summarizes the results of radioactivity measurements made in the vicinity of WBN. During this reporting period, initial criticality for WBN Unit 1 was achieved on January 18, 1996, and a full power operating license was received on February 7, 1996. Commercial operation began on May 27, 1996. Therefore, this report represents the initial year of the operational radiological environmental monitoring program. The results of this initial operational monitoring program indicated that there was no detectable radioactivity attributable to WBN Unit 1 plant operations.

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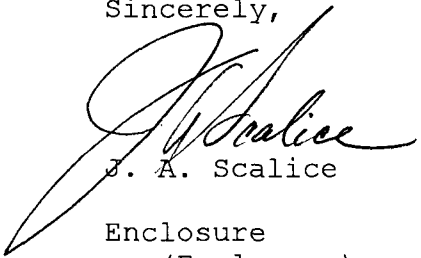
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If you should have any questions, please contact P. L. Pace at
(423) 365-1824.

Sincerely,



J. A. Scalice

Enclosure

cc (Enclosure):

NRC Resident Inspector
Watts Bar Nuclear Plant
1260 Nuclear Plant Road
Spring City, Tennessee 37381

Mr. Robert E. Martin, Senior Project Manager
U.S. Nuclear Regulatory Commission
One White Flint North
11555 Rockville Pike
Rockville, Maryland 20852

U.S. Nuclear Regulatory Commission
Region II
Atlanta Federal Center
61 Forsyth St., SW, Suite 23T85
Atlanta, Georgia 30303