



UNITED STATES  
NUCLEAR REGULATORY COMMISSION

REGION II  
SAM NUNN ATLANTA FEDERAL CENTER  
61 FORSYTH STREET, SW, SUITE 23T85  
ATLANTA, GEORGIA 30303-8931

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September 20, 2007

Tennessee Valley Authority  
ATTN: Mr. William R. Campbell, Jr.  
Chief Nuclear Officer and  
Senior Vice President  
6A Lookout Place  
1101 Market Street  
Chattanooga, TN 37402-2801

SUBJECT: WATTS BAR NUCLEAR PLANT- NRC INSPECTION REPORT  
05000390/2007403

Dear Mr. Campbell:

This refers to an in-office inspection conducted from May 16 - 18, 2007. The purpose of the inspection was to verify that the program at your Watts Bar Nuclear Plant to transport or deliver to a carrier for transportation, items containing radioactive materials quantities of concern (RAMQC) has effectively implemented the additional security measures (ASM) imposed by U.S. NRC Order EA-05-007, "Imposing Additional Security Measures on the Transportation of RAMQC," issued July 19, 2005, and to verify that the Safeguards Information - Modified Handling (SGI-M) protection requirements specified in NRC Order EA-04-0191, "Imposing Requirements for the Protection of Certain Safeguards Information," issued November 5, 2004, have been successfully incorporated into your information protection strategy. At the conclusion of the inspection, the findings were discussed with J. Bushnell and members of your staff.

Areas examined during the inspection included physical security protection programs. Within these areas, the inspection consisted of selective examinations of procedures and representative records, interviews with personnel, and observation of activities in progress.

Based on the results of this inspection no findings were identified.

In accordance with 10 CFR 2.390 of the NRC's "Rules of Practice," a copy of this letter will be available electronically for public inspection in the NRC Public Document Room or from the Publicly Available Records (PARS) component of NRC's document system, ADAMS. ADAMS is accessible from the NRC Web site at <http://www.nrc.gov/reading-rm/adams.html> (the Public Electronic Reading Room).

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However, because of the security-related concerns contained in the enclosure, and in accordance with 10 CFR 2.390 a copy of this letter's enclosure will not be available for public inspection.

In accordance with 10 CFR 2.390(b)(1)(ii), the NRC is waiving the affidavit requirements for your response, if any. This practice will ensure that your response will not be made available electronically for public inspection in the NRC Public Document Room or from the NRC's document system, ADAMS. If Safeguards Information is necessary to provide an acceptable response, please provide the level of protection described in 10 CFR 73.21. Otherwise, mark your entire response "Security Related Information-Withhold Under 10 CFR 2.390" and follow the instructions for withholding in 10 CFR 2.390 (b)(1).

Should you have any questions concerning this letter, please contact us.

Sincerely,

**/RA/**

Joel T. Munday, Chief  
Plant Support Branch 2  
Division of Reactor Safety

**Docket No.:** 50-390

**License No:** NPF-90

Enclosure: NRC Inspection Report No. 05000390/2007403 w/Attachment: Supplemental Information (**~~Official Use Only - Security-Related Information~~**)

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~~OFFICIAL USE ONLY - SECURITY-RELATED INFORMATION~~**cc w/encl:**

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County Mayor  
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TN Dept. of Environment & Conservation  
Division of Radiological Health  
3rd Floor, LNC Annex  
401 Church Street  
Nashville, TN 37243-1532

**cc w/o encl:** (continued on page 4)

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TVA

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**cc w/o encl:** ( continued from page 3)

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/RA/

Joel T. Munday, Chief  
Plant Support Branch 2  
Division of Reactor Safety

**Docket No.:** 50-390

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