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UNITED STATES
NUCLEAR REGULATORY COMMISSION
REGION II

245 PEACHTREE CENTER AVENUE NE, SUITE 1200
ATLANTA, GEORGIA 30303-1257

November 14, 2017

Mr. Joseph W. Shea
Vice President, Nuclear Regulatory
Affairs and Support Services
Tennessee Valley Authority
1101 Market Street, LP 3D-C
Chattanooga, TN 37402-2801

SUBJECT: WATTS BAR NUCLEAR PLANT - U.S. NUCLEAR REGULATORY
COMMISSION SECURITY TARGET SET INSPECTION REPORT
05000390/2017406 AND 05000391/2017406

Dear Mr. Shea:

On October 19, 2017, the U.S. Nuclear Regulatory Commission (NRC) completed a security baseline inspection at your Watts Bar Nuclear Plant, Units 1 and 2. The inspection covered one or more of the key attributes of the security cornerstone of the NRC's Reactor Oversight Process. The enclosed inspection report (IR) documents the inspection results, which were discussed on October 19, 2017, with Mr. Fred Marcussen and other members of your staff.

The inspection examined activities conducted under your license as they relate to security and compliance with the Commission's rules and regulations, and with the conditions of your license. The inspectors reviewed selected procedures and records, observed activities, and interviewed personnel.

Based on the results of this inspection, no findings of significance 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 the NRC's Agencywide Documents Access and Management System (ADAMS). ADAMS is accessible from the NRC Web site at <http://www.nrc.gov/reading-rm/adams.html> (the Public Electronic Reading Room).

However, the material enclosed herewith contains Security-Related Information in accordance with 10 CFR 2.390(d)(1) and its disclosure to unauthorized individuals could present a security vulnerability. Therefore, the material in the enclosure will not be made available electronically for public inspection in the NRC Public Document Room, or from the PARS component of NRC's ADAMS. If you choose to provide a response and security-related information is necessary to provide an acceptable response, please mark your entire response "Security-

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Related Information - Withhold from Public Disclosure under 10 CFR 2.390," in accordance with 10 CFR 2.390(d)(1), and follow the instructions for withholding in 10 CFR 2.390(b)(1). In accordance with 10 CFR 2.390(b)(1)(ii), the NRC is waiving the affidavit requirements for your response.

Sincerely,

/RA/

Scott M. Shaeffer, Chief
Engineering Branch 2
Division of Reactor Safety

Docket No.: 50-390, 50-391
License No.: NPF-90, NPF-96

Nonpublic Enclosure:
~~Inspection Report No. 05000390/2017406~~
~~and 05000391/2017406~~
~~w/ Attachment: Supplemental~~
~~Information (OUO)~~

cc: (See page 3)

J. Shea

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cc:

Mr. Fred. E. Marcussen
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Tennessee Valley Authority
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SUBJECT: WATTS BAR NUCLEAR PLANT, UNITS NO. 1 AND 2 - U.S. NUCLEAR REGULATORY COMMISSION SECURITY TARGET SET INSPECTION REPORT 05000390/2017406 AND 05000391/2017406 Dated November 14, 2017

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