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UNITED STATES
NUCLEAR REGULATORY COMMISSION
REGION II
245 PEACHTREE CENTER AVENUE NE, SUITE 1200
ATLANTA, GEORGIA 30303-1257

May 12, 2016

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

SUBJECT: BROWNS FERRY NUCLEAR PLANT – U.S. NUCLEAR REGULATORY
COMMISSION PHYSICAL SECURITY INSPECTION REPORT
05000259/2016403, 05000260/2016403 AND 05000296/2016403

Dear Mr. Shea:

On April 21, 2016, the U.S. Nuclear Regulatory Commission (NRC) completed a security baseline inspection at your Browns Ferry Nuclear Plant, Units 1, 2 and 3. 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 that were discussed on April 21, 2016, with Mr. S. Bono and other members of your staff.

No NRC-identified or self-revealing findings were identified during this inspection.

In accordance with Title 10 of the *Code of Federal Regulations* (10 CFR) 2.390, "Public inspections, exemptions, requests for withholding" of the NRC's "Agency Rules of Practice and Procedure," 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 Agencywide Documents Access and Management System (ADAMS); accessible from the NRC Web site at <http://www.nrc.gov/reading-rm/adams.html> (the Public Electronic Reading Room).

However, the material enclosed herein 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/

Binoy B. Desai, Chief
Plant Support Branch 2
Division of Reactor Safety

Docket Nos. 50-259, 50-260 and 50-296
License Nos. DPR-33, DPR-52 and DPR-68

Enclosure:
NRC IR 05000259/2016403, 260/2016403 and 296/2016403
w/Attachment: Supplementary Information (OUO)

cc: (See page 3)

J. Shea

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cc:

Mr. Steven M. Bono
Site Vice President
Browns Ferry Nuclear Station
Tennessee Valley Authority
P.O. Box 2000, NAB 2A-BFN
Decatur, AL 35609

Mr. Jamie L. Paul
Manager, Site Licensing
Browns Ferry Nuclear Station
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Manager, Site Security Operations
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Sincerely,

/RA/

Binoy B. Desai, Chief
Plant Support Branch 2
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cc: (See page 3)

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| NAME | J. Shehee | J. Tornow | J. Justice | A. Blamey | B. Desai | | |
| DATE | 5/11/2016 | 5/12/2016 | 5/ 11/2016 | 5/12/2016 | 5/12/2016 | | |
| E-MAIL COPY | YES NO | YES NO | YES NO | YES NO | YES NO | | |

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