



~~OFFICIAL USE ONLY – SECURITY-RELATED INFORMATION~~

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-

~~Enclosure(s) transmitted herewith contain(s) SUNSI. When separated from Enclosure(s), this transmittal document is decontrolled.~~

~~LIMITED INTERNAL  
DISTRIBUTION PERMITTED~~

~~OFFICIAL USE ONLY – SECURITY-RELATED INFORMATION~~

J. Shea

2

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

3

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  
Tennessee Valley Authority  
P.O. Box 2000 (SAB 2B-BFN)  
Decatur, AL 35609

Mr. Fred E. Marcussen  
Director, Nuclear Security  
Tennessee Valley Authority  
1101 Market Street, EB 10B-C  
Chattanooga, TN 37402-2801

Patrick L. Parker  
Manager, Site Security Operations  
Browns Ferry Nuclear Station  
Tennessee Valley Authority  
10835 Shaw Road  
Athens, AL 35611

~~OFFICIAL USE ONLY – SECURITY-RELATED INFORMATION~~

J. Shea

2

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)

**DISTRIBUTION:**

E. Wharton, NSIR  
N. Simonian, NSIR  
C. Johnson, NSIR  
D. Garner, NSIR  
M. King, RII, DRP  
E. Michel, RII, SR PE  
B. Bishop, RII, PE

S. Roberts, RII, RIDP  
D. Dumbacher, SRI  
T. Stephens, RII, RI  
A. Ruh, RII, RI  
RI, III, IV, PSB BCs  
S. Price, RII, ORA  
L. Gibson, RII, EICS

D. Ditto, NMSS  
P. Habighorst, NMSS  
P. Lee, RII, EICS  
Public (OUO Removed)  
RIDSNNRRDIRS (OUO removed)

☒ PUBLICLY AVAILABLE (OUO removed) ☒ NON-PUBLICLY AVAILABLE ☒ SENSITIVE ☒ NON-SENSITIVE (OUO removed)  
ADAMS: ☒ Yes ACCESSION NUMBER: ML ☒ SUNSI REVIEW COMPLETE ☒ FORM 665 ATTACHED

OFFICE	RII:DRS/PSB2	RII:DRS/PSB2	RII:DRS/PSB2	RII:DRP/BR3	RII:DRS/PSB2		
SIGNATURE	JCS3	JPT	JXJ5	ABJ3	BBD		
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		

OFFICIAL RECORD COPY DOCUMENT NAME: G:\DRS\PSB\REACTORS\BROWNS FERRY  
REPORTS\2016\BROWNS FERRY NONPUBLIC IR 2016-403.DOC

~~OFFICIAL USE ONLY – SECURITY-RELATED INFORMATION~~