



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

November 19, 2012

Mr. Joseph W. Shea  
Vice President, Nuclear Licensing  
Tennessee Valley Authority  
1101 Market Street, LP 4B-C  
Chattanooga, TN 37402-2801

**SUBJECT: ERRATA FOR BROWNS FERRY NUCLEAR PLANT - NRC INTEGRATED  
INSPECTION REPORT 05000259/2012003, 05000260/2012003,  
05000296/2012003, 05000259/2012502, 05000260/2012502, AND  
05000296/2012502**

Dear Mr. Shea:

It was identified that in NRC Integrated Inspection Report 05000259/2012003, 05000260/2012003, 05000296/2012003, 05000259/2012502, 05000260/2012502, and 05000296/2012502, (ADAMS ML12227A711) previously completed and reported inspection samples in section 4OA1.1 Performance Indicator (PI) Verification were erroneously reported for RCS Activity for Units 2 and 3; and RCS Leakage for Units 2 and 3. These items were completed and documented in NRC Integrated Inspection Report 05000259/2007002, 05000260/2007002, and 05000296/2007002 and should be removed from this report.

In accordance with 10 CFR 2.390 of the NRC's "Rules of Practice," a copy of this letter, its enclosure, and your response (if any), 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 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).

Sincerely,

**/RA/**

Eugene F. Guthrie, Chief  
Special Project, Browns Ferry  
Division of Reactor Projects

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

Enclosure: Errata page 33 for NRC Integrated Inspection Report 05000259/2012003,  
05000260/2012003, 05000296/2012003, 05000259/2012502,  
05000260/2012502, AND 05000296/2012502

cc w/encl: (See page 2)

November 19, 2012

Mr. Joseph W. Shea  
Vice President, Nuclear Licensing  
Tennessee Valley Authority  
1101 Market Street, LP 4B-C  
Chattanooga, TN 37402-2801

SUBJECT: ERRATA FOR BROWNS FERRY NUCLEAR PLANT - NRC INTEGRATED  
INSPECTION REPORT 05000259/2012003, 05000260/2012003,  
05000296/2012003, 05000259/2012502, 05000260/2012502, AND  
05000296/2012502

Dear Mr. Shea:

It was identified that in NRC Integrated Inspection Report 05000259/2012003, 05000260/2012003, 05000296/2012003, 05000259/2012502, 05000260/2012502, and 05000296/2012502, (ADAMS ML12227A711) previously completed and reported inspection samples in section 4OA1.1 Performance Indicator (PI) Verification were erroneously reported for RCS Activity for Units 2 and 3; and RCS Leakage for Units 2 and 3. These items were completed and documented in NRC Integrated Inspection Report 05000259/2007002, 05000260/2007002, and 05000296/2007002 and should be removed from this report.

In accordance with 10 CFR 2.390 of the NRC's "Rules of Practice," a copy of this letter, its enclosure, and your response (if any), 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 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).

Sincerely,  
**/RA/**  
Eugene F. Guthrie, Chief  
Special Project, Browns Ferry  
Division of Reactor Projects

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

Enclosure: Errata page 33 for NRC Integrated Inspection Report 05000259/2012003,  
05000260/2012003, 05000296/2012003, 05000259/2012502,  
05000260/2012502, AND 05000296/2012502

cc w/encl: (See page 2)

PUBLICLY AVAILABLE     NON-PUBLICLY AVAILABLE     SENSITIVE     NON-SENSITIVE  
ADAMS:  Yes    ACCESSION NUMBER: ML12325A495     SUNSI REVIEW COMPLETE

OFFICE	RII:DRP	RII:DRP					
SIGNATURE	/RA/	/RA/					
NAME	CKontz	EGuthrie					
DATE	11/16/2012	11/20/2012					
E-MAIL COPY?	YES NO	YES NO	YES NO	YES NO	YES NO	YES NO	YES NO

OFFICIAL RECORD COPY  
2012 003 ERRATA.DOCX

DOCUMENT NAME: G:\DRPI\RPB6\BROWNS FERRY\REPORTS\2012\003\BROWNS FERRY

J. Shea

2

cc w/encl:  
K. J. Polson  
Site Vice President  
Browns Ferry Nuclear Plant  
Tennessee Valley Authority  
Electronic Mail Distribution

S. M. Bono  
Plant Manager  
Browns Ferry Nuclear Plant  
Tennessee Valley Authority  
Electronic Mail Distribution

James E. Emens  
Manager, Licensing  
Browns Ferry Nuclear Plant  
Tennessee Valley Authority  
Electronic Mail Distribution

E. W. Cobey  
Manager, Corporate Licensing  
Browns Ferry Nuclear Plant  
Tennessee Valley Authority  
Electronic Mail Distribution

T. A. Hess  
Program Manager  
Corporate Licensing  
Tennessee Valley Authority  
Electronic Mail Distribution

Edward J. Vigluicci  
Associate General Counsel, Nuclear  
Tennessee Valley Authority  
Electronic Mail Distribution

Chairman  
Limestone County Commission  
310 West Washington Street  
Athens, AL 35611

State Health Officer  
Alabama Dept. of Public Health  
P.O. Box 303017  
Montgomery, AL 36130-3017

J. Shea

3

Letter to Joseph W. Shea from Eugene Guthrie dated November 19, 2012

SUBJECT: ERRATA FOR BROWNS FERRY NUCLEAR PLANT - NRC INTEGRATED  
INSPECTION REPORT 05000259/2012003, 05000260/2012003,  
05000296/2012003, 05000259/2012502, 05000260/2012502, AND  
05000296/2012502

Distribution w/encl:

J. Baptist, RII

L. Douglas, RII

OE Mail

RIDSNRRDIRS

PUBLIC

RidsNrrPMBrownsFerry Resource

- Unit 1 Mitigating Systems Performance Index - Reactor Core Isolation Cooling
- Unit 2 Mitigating Systems Performance Index - Reactor Core Isolation Cooling
- Unit 3 Mitigating Systems Performance Index - Reactor Core Isolation Cooling

#### 40A1 Performance Indicator (PI) Verification

Cornerstone: Barrier Integrity

##### a. Inspection Scope

The inspectors reviewed the licensee's procedures and methods for compiling and reporting the Performance Indicators (PI) listed below, including procedure SPP-3.4, Performance Indicator for NRC Reactor Oversight Process for Compiling and Reporting PIs to the NRC. The inspectors reviewed the raw data for the PITs listed below for the 1<sup>st</sup> through 4<sup>th</sup> quarters of 2006. The inspectors compared the licensee's raw data against graphical representations and specific values reported to the NRC in the 4<sup>th</sup> quarter 2006 PI report to verify that the data was correctly reflected in the report. The inspectors also reviewed the past history of PERs for any that might be relevant to problems with the PI program. Furthermore, the inspectors met with responsible chemistry and engineering personnel to discuss and go over licensee records to verify that the PI data was appropriately captured, calculated correctly, and discrepancies resolved. The inspectors reviewed Nuclear Energy Institute 99-02, Regulatory Assessment Performance Indicator Guideline, to verify that industry reporting guidelines were applied.

- RCS Activity for Units 2 and 3
- RCS Leakage for Units 2 and 3

##### b. Findings

No findings were identified.

Cornerstone: Emergency Preparedness

##### a. Inspection Scope

The inspectors sampled licensee submittals relative to the PIs listed below for the period October 1, 2011, and March 31, 2012. To verify the accuracy of the PI data reported during that period, PI definitions and guidance contained in NEI 99-02, "Regulatory Assessment Performance Indicator Guideline," Revision 6, were used to confirm the reporting basis for each data element.

- Emergency Response Organization (ERO) Drill/Exercise Performance
- ERO Drill Participation
- Alert and Notification System Reliability

- Unit 1 Mitigating Systems Performance Index - Reactor Core Isolation Cooling
- Unit 2 Mitigating Systems Performance Index - Reactor Core Isolation Cooling
- Unit 3 Mitigating Systems Performance Index - Reactor Core Isolation Cooling

#### 4OA1 Performance Indicator (PI) Verification

Cornerstone: Emergency Preparedness

##### a. Inspection Scope

The inspectors sampled licensee submittals relative to the PIs listed below for the period October 1, 2011, and March 31, 2012. To verify the accuracy of the PI data reported during that period, PI definitions and guidance contained in NEI 99-02, "Regulatory Assessment Performance Indicator Guideline," Revision 6, were used to confirm the reporting basis for each data element.

- Emergency Response Organization (ERO) Drill/Exercise Performance
- ERO Drill Participation
- Alert and Notification System Reliability