



Tennessee Valley Authority, Post Office Box 2000, Decatur, Alabama 35609-2000

October 29, 2010

10 CFR 55.5

Mr. Luis A. Reyes
Regional Administrator
U.S. Nuclear Regulatory Commission
Marquis One Tower
245 Peachtree Center Avenue, NE, Suite 1200
Atlanta, Georgia 30303-1257

Attention: Malcolm T. Widmann

Browns Ferry Nuclear Plant, Units 1, 2, and 3
Facility Operating License Nos. DPR-33, DPR-52, and DPR-68
NRC Docket Nos. 50-259, 50-260, and 50-296

Reference: Letter from the Nuclear Regulatory Commission to the Tennessee Valley Authority dated August 17, 2010, "Browns Ferry Nuclear Plant - Notification of Licensed Operator Initial Examination"

Subject: **Submittal of Initial Operator License Examination Outlines**

In accordance with the above referenced NRC letter dated August 17, 2010, the Tennessee Valley Authority is providing all appropriate Examination Standard forms and outlines in accordance with NUREG-1021, "Operator Licensing Examination Standards for Power Reactors," Revision 9, Supplement 1, for the upcoming Browns Ferry Nuclear Plant Units 1, 2, and 3 Initial Operator License Examination.

Enclosed are the examination outlines, supporting the Initial License Operator Examination scheduled for the weeks of February 7 and 14, 2011.

In accordance with NUREG-1021, Revision 9, Supplement 1, Section ES-201, "Initial Operator Licensing Examination Process," please ensure that these materials are withheld from public disclosure until after the examinations are administered.

Mr. Luis A. Reyes
Page 2
October 29, 2010

Should you have any questions regarding this matter, please contact
Mr. Daniel Zielinski, at (256) 729-2783.

Respectfully,



K. J. Polson
Vice President

Enclosure: Examination Outlines Supporting the Initial Operator License
Examinations Scheduled for the Weeks of February 7 and 14, 2011

Enclosure

**Tennessee Valley Authority
Browns Ferry Nuclear Plant
Units 1, 2, and 3**

**Examination Outlines Supporting the Initial Operator License Examinations
Scheduled for the Weeks of February 7 and 14, 2011**

(See Attached)



Tennessee Valley Authority, Post Office Box 2000, Decatur, Alabama 35609-2000

November 11, 2010

10 CFR 55.5
10 CFR 55.40(b)(3)

Mr. Luis A. Reyes
Regional Administrator
U.S. Nuclear Regulatory Commission
Marquis One Tower
245 Peachtree Center Avenue, NE, Suite 1200
Atlanta, Georgia 30303-1257

Attention: Malcolm T. Widmann

Browns Ferry Nuclear Plant, Units 1, 2, and 3
Facility Operating License Nos. DPR-33, DPR-52, and DPR-68
NRC Docket Nos. 50-259, 50-260, and 50-296

Subject: Submittal of Initial Operator Licensing Examinations

Reference: Letter from the Nuclear Regulatory Commission to the Tennessee Valley Authority "Browns Ferry Nuclear Plant - Notification of Licensed Operator Initial Examination," dated August 17, 2010

In accordance with the referenced NRC letter dated August 17, 2010, the Tennessee Valley Authority is providing written examinations, operating tests, and supporting reference materials in accordance with NUREG-1021, "Operator Licensing Examination Standards for Power Reactors," Revision 9, Supplement 1. The Browns Ferry Nuclear Plant (BFN) Units 1, 2, and 3 Initial Operator Licensing Examinations are scheduled for the weeks of February 7 and 14, 2011. In order to meet the examination schedule, BFN was requested by the NRC to furnish this material by November 16, 2010.

Enclosed are the written examinations, operating tests, and supporting reference materials for the Reactor Operators and Senior Reactor Operators examinations to be given the weeks of February 7 and 14, 2011. The enclosed materials have been approved for use by BFN in accordance with 10 CFR 55.40(b)(3).

NOV 15 2010

Mr. Luis A. Reyes
Page 2
November 11, 2010

In accordance with NUREG-1021, Revision 9, Supplement 1, Section ES-201, "Initial Operator Licensing Examination Process," please ensure that these materials are withheld from public disclosure until after the examinations are administered.

Should you have any questions regarding this matter, please contact Mr. Daniel Zielinski, at (256) 729-2783.

Respectfully,



K. J. Polson
Vice President

Enclosure: Written Examinations, Operating Tests, and Supporting Reference Materials - Operator License Examinations Scheduled for the Weeks of February 7 and 14, 2011

Enclosure

**Tennessee Valley Authority
Browns Ferry Nuclear Plant
Units 1, 2, and 3**

**Written Examinations, Operating Tests, and Supporting Reference Materials -
Operator Initial License Examinations Scheduled for the Weeks of
February 7 and 14, 2011**

This enclosure contains the following:

1. A notebook containing the following:
 - ES-201-3, Examination Security Agreement
 - ES-301-3, Operating Test Quality Checklist
 - ES-301-4, Simulator Scenario Quality Checklist
 - ES-401-6, Written Exam Quality Checklist
 - Written Exam
 - Operating Exam
2. Iron Key USB drive containing the examination and references

Personally Identifiable Information - Withhold Under 10 CFR 2.390



Tennessee Valley Authority, Post Office Box 2000, Decatur, Alabama 35609-2000

January 21, 2011

10 CFR 55.5

Mr. Victor M. McCree
Regional Administrator
U.S. Nuclear Regulatory Commission
Marquis One Tower
245 Peachtree Center Avenue, NE, Suite 1200
Atlanta, Georgia 30303-1257

Attention: Malcolm T. Widmann

Browns Ferry Nuclear Plant, Units 1, 2, and 3
Facility Operating License Nos. DPR-33, DPR-52, and DPR-68
NRC Docket Nos. 50-259, 50-260, and 50-296

Subject: Final Senior Reactor Operator and Reactor Operator License Applications

Reference: Letter from the Nuclear Regulatory Commission to the Tennessee Valley Authority, "Browns Ferry Nuclear Plant - Notification of Licensed Operator Initial Examination," dated August 17, 2010

In accordance with the referenced NRC letter dated August 17, 2010, the Tennessee Valley Authority (TVA) is providing final license applications for Senior Reactor Operators (SROs) and Reactor Operators (ROs). The Browns Ferry Nuclear Plant, Units 1, 2, and 3 Initial Operator Licensing Examinations are scheduled for the weeks of February 7 and 14, 2011. In order to meet the examination schedule, TVA was requested by the NRC to furnish final (signed) applications 14 days prior to the examination.

Enclosed are the signed applications and medical certifications for the SRO and RO examinations to be given during the weeks of February 7 and 14, 2011.

Mr. Victor M. McCree
Page 2
January 21, 2011

The enclosure to this letter is considered by TVA to be of a personal nature and, as such, is to be withheld from public disclosure in accordance with 10 CFR 2.390(a)(6).

Should you have any questions regarding this matter, please contact Mr. David A. Malinowski, at (256) 729-3439.

Respectfully,

A handwritten signature in black ink, appearing to read "K. J. Polson", written in a cursive style.

K. J. Polson
Vice President

Enclosure: Final Senior Reactor Operator and Reactor Operator Applications and Medical Certifications for the Operator License Examinations Scheduled for the Weeks of February 7 and 14, 2011



Tennessee Valley Authority, Post Office Box 2000, Decatur, Alabama 35609-2000

January 28, 2011

U.S. Nuclear Regulatory Commission
Marquis One Tower
245 Peachtree Center Avenue, NE, Suite 1200
Atlanta, Georgia 30303-1257

Attention: Mr. Ronald Aiello

Browns Ferry Nuclear Plant, Units 1, 2, and 3
Facility Operating License Nos. DPR-33, DPR-52, and DPR-68
NRC Docket Nos. 50-259, 50-260, and 50-296

Subject: **Final Submittal Post NRC Exam Review Comments**

Reference: The Browns Ferry Nuclear Plant (BFN) Units 1, 2, and 3 Initial Operator Licensing Examinations scheduled for the weeks of February 7 and 14, 2011.

BFN was requested by the NRC to furnish the following revised exam materials/documentation with a transmittal and approval cover letter from the facility signed at the same authority level as the original exam submittal.

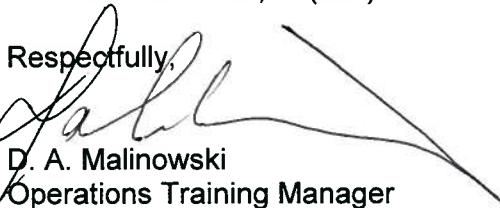
- Complete Copy of the Operating Exam (Scenarios and JPMs)
- 301-1 Administrative Topics Outline
- 301-2 Control Room/In-Plant Systems Outline
- 301-3 Operating Test Quality Checklist
- 301-4 Simulator Scenario Quality Checklist
- 301-5 Transient and Event Checklist
- 301-6 Competencies Checklist
- 401-4 Record of Rejected K/As
- 401-6 Written Examination Quality Checklist

The enclosed materials have been assembled and are being provided to Mr. Aiello for use. Approval by the Site Vice President will be provided via signed cover letter when available.

In accordance with NUREG-1021, Revision 9, Supplement 1, Section ES-201, "Initial Operator Licensing Examination Process," please ensure that these materials are withheld from public disclosure until after the examinations are administered.

Should you have any questions regarding this matter, please contact Mr. Daniel Zielinski, at (256) 729-2783.

Respectfully,



D. A. Malinowski
Operations Training Manager

Personally Identifiable Information - Withhold Under 10 CFR 2.390



Tennessee Valley Authority, Post Office Box 2000, Decatur, Alabama 35609-2

March 11, 2011

10 CFR 55.5

Mr. Victor M. McCree
Regional Administrator
U.S. Nuclear Regulatory Commission
Marquis One Tower
245 Peachtree Center Avenue, NE, Suite 1200
Atlanta, Georgia 30303-1257

Attention: Malcolm T. Widmann

Browns Ferry Nuclear Plant, Units 1, 2, and 3
Facility Operating License Nos. DPR-33, DPR-52, and DPR-68
NRC Docket Nos. 50-259, 50-260, and 50-296

Subject: **Reactor Operator and Senior Reactor Operator Initial License
Written Examinations - Post Examination Response**

The Tennessee Valley Authority (TVA) administered the final NRC Written Examination for the Browns Ferry Nuclear Plant Reactor Operator and Senior Reactor Operator Initial License Training (ILT) Class 1102 on February 18, 2011. The supporting documentation specified by Section ES-501 of NUREG 1021, Revision 9, Supplement 1, "Operator Licensing Examination Standards for Power Reactors," for Post Examination Activities is enclosed. The enclosures' content listing is provided at the end of this letter.

Victor M. McCree
Page 2
March 11, 2011

Analysis of the preliminary facility graded examination results indicated five questions, numbers 12, 29, 37, 41, and 92, had a 50 percent or greater failure rate. The results of this analysis, where applicable, will be forwarded to the ILT Supervisor for potential inclusion in the appropriate training material.

The enclosures to this letter were provided directly to the NRC Chief Examiner. These enclosures are considered by TVA to be of a personal nature and, as such, are requested to be withheld from public disclosure in accordance with 10 CFR 2.390(a)(6).

If you have any questions or comments, please telephone Mr. David A. Malinowski at (256) 729-3439.

Respectfully,



K. J. Polson
Vice President

Enclosures:

- Enclosure 1 - Form ES-403-1, Written Examination Grading Quality Check
- Enclosure 2 - Graded Written Examinations (Each Applicant's Original Answer and Examination Cover Sheets) and a Clean Copy of Each Applicant's Answer Sheet
- Enclosure 3 - Master Examination(s) Excerpt Annotated to Indicate Any Changes Made While Administering the Examination – One Change Was Made to Question 13
- Enclosure 4 - Questions Asked By and Answers Given to the Applicants During the Written Examination
- Enclosure 5 - Examination Seating Chart
- Enclosure 6 - Results of Written Examination Performance Analysis That Was Performed

Personally Identifiable Information - Withhold Under 10 CFR 2.390

Enclosure 1

**Browns Ferry Nuclear Plant
Units 1, 2, and 3**

**Reactor Operator and Senior Reactor Operator Initial
License Written Examination - Post Examination Response**

Form ES-403-1, Written Examination Grading Quality Check

Material for this enclosure previously provided to NRC Chief Examiner.

Personally Identifiable Information - Withhold Under 10 CFR 2.390

Enclosure 2

**Browns Ferry Nuclear Plant
Units 1, 2, and 3**

**Reactor Operator and Senior Reactor Operator Initial
License Written Examination - Post Examination Response**

**Graded Written Examinations
(Each Applicant's Original Answer and Examination Cover Sheets)
and a Clean Copy of Each Applicant's Answer Sheet**

Material for this enclosure previously provided to NRC Chief Examiner.

Personally Identifiable Information - Withhold Under 10 CFR 2.390

Enclosure 3

**Browns Ferry Nuclear Plant
Units 1, 2, and 3**

**Reactor Operator and Senior Reactor Operator Initial
License Written Examination - Post Examination Response**

**Master Examination(s) Excerpt Annotated to Indicate Any Changes Made While
Administering the Examination - One Change Was Made to Question 13**

Material for this enclosure previously provided to NRC Chief Examiner.

Personally Identifiable Information - Withhold Under 10 CFR 2.390

Enclosure 4

**Browns Ferry Nuclear Plant
Units 1, 2, and 3**

**Reactor Operator and Senior Reactor Operator Initial
License Written Examination - Post Examination Response**

**Questions Asked By and Answers Given to the Applicants
During the Written Examination**

Material for this enclosure previously provided to NRC Chief Examiner.

Personally Identifiable Information - Withhold Under 10 CFR 2.390

Enclosure 5

**Browns Ferry Nuclear Plant
Units 1, 2, and 3**

**Reactor Operator and Senior Reactor Operator Initial
License Written Examination - Post Examination Response**

Examination Seating Chart

Material for this enclosure previously provided to NRC Chief Examiner.

Personally Identifiable Information - Withhold Under 10 CFR 2.390

Enclosure 6

**Browns Ferry Nuclear Plant
Units 1, 2, and 3**

**Reactor Operator and Senior Reactor Operator Initial
License Written Examination - Post Examination Response**

Results of Any Written Examination Performance Analysis That Was Performed

Material for this enclosure previously provided to NRC Chief Examiner.