



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

August 9, 2012

Mr. Dennis R. Madison
Vice President
Southern Nuclear Operating Company, Inc.
Edwin I. Hatch Nuclear Plant
11028 Hatch Parkway North
Baxley, GA 31513

SUBJECT: EDWIN I. HATCH NUCLEAR PLANT – NRC OPERATOR LICENSE EXAMINATION
REPORT 05000321/2012301 AND 05000366/2012301

Dear Mr. Madison:

During the period June 18 – 20, 2012, the Nuclear Regulatory Commission (NRC) administered operating tests to employees of your company who applied for licenses to operate the Edwin I. Hatch Nuclear Plant Units 1 and 2. At the conclusion of the tests, the examiners discussed preliminary findings related to the operating tests and the written examination submittal with those members of your staff identified in the enclosed report. The written examination was administered by your staff on June 28, 2012.

All applicants passed the operating test and written examination. There were no post-examination comments. A Simulation Facility Report is included in this report as Enclosure 2.

In accordance with 10 CFR 2.390 of the NRC's "Rules of Practice," a copy of this letter and its enclosures 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 Website at <http://www.nrc.gov/reading-rm.html> (the Public Electronic Reading Room).

If you have any questions concerning this letter, please contact me at (404) 997-4436.

Sincerely,

/RA M. Widmann For/

Mark E. Franke, Chief
Operations Branch 2
Division of Reactor Safety

Docket No. 50-321, 50-366
License No. DPR-57, NPF-5

Enclosures:

1. Report Details
2. Simulation Facility Report

cc w/encl.: (See page 2)

August 9, 2012

Mr. Dennis R. Madison
Vice President
Southern Nuclear Operating Company, Inc.
Edwin I. Hatch Nuclear Plant
11028 Hatch Parkway North
Baxley, GA 31513

SUBJECT: EDWIN I. HATCH NUCLEAR PLANT – NRC OPERATOR LICENSE EXAMINATION
REPORT 05000321/2012301 AND 05000366/2012301

Dear Mr. Madison:

During the period June 18 – 20, 2012, the Nuclear Regulatory Commission (NRC) administered operating tests to employees of your company who applied for licenses to operate the Edwin I. Hatch Nuclear Plant Units 1 and 2. At the conclusion of the tests, the examiners discussed preliminary findings related to the operating tests and the written examination submittal with those members of your staff identified in the enclosed report. The written examination was administered by your staff on June 28, 2012.

All applicants passed the operating test and written examination. There were no post-examination comments. A Simulation Facility Report is included in this report as Enclosure 2.

In accordance with 10 CFR 2.390 of the NRC's "Rules of Practice," a copy of this letter and its enclosures 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 Website at <http://www.nrc.gov/reading-rm.html> (the Public Electronic Reading Room).

If you have any questions concerning this letter, please contact me at (404) 997-4436.

Sincerely,

/RA M. Widmann For/

Mark E. Franke, Chief
Operations Branch 2
Division of Reactor Safety

Docket No. 50-321, 50-366
License No. DPR-57, NPF-5

Enclosures:

- 1. Report Details
- 2. Simulation Facility Report

cc w/encl.: (See page 2)

Distribution w/encl.
(See page 4)

PUBLICLY AVAILABLE NON-PUBLICLY AVAILABLE SENSITIVE NON-SENSITIVE
ADAMS: X Yes ACCESSION NUMBER: ML12227A375 X SUNSI REVIEW COMPLETE X FORM 665 ATTACHED

OFFICE	RII: DRS/OL2	RII: DRS/OL2	HQ	RII: DRS/OL2	RII: DRP
SIGNATURE	RA/EL	RA/EL For MJR	RA/EL	RA/MW For MF	RA /MOM For FE
NAME	E. LEA	M. RICHES	L. VICK	M. FRANKE	F. EHRHARDT
DATE	08/09/2012	08/09/2012	08/09/2012	08/09/2012	08/09/2012
E-MAIL COPY?	YES NO	YES NO	YES NO	YES NO	YES NO

OFFICIAL RECORD COPY DOCUMENT NAME: G:\OLEXAMS\HATCH EXAMINATIONS\INITIAL EXAM 2012-301\CORRESPONDENCE\HATCH2012301EXAMREPORTREV1.DOCX

cc w/encl:

C. Russ Dedrickson
Fleet Support Supervisor
Southern Nuclear Operating Company, Inc.
Electronic Mail Distribution

David R. Vineyard
Plant Manager
Edwin I. Hatch Nuclear Plant
Southern Nuclear Operating Company, Inc.
Electronic Mail Distribution

S. Kuczynski
Chairman, President and CEO
Southern Nuclear Operating Company, Inc.
Electronic Mail Distribution

Todd L. Youngblood
Vice President
Fleet Oversight
Southern Nuclear Operating Company, Inc.
Electronic Mail Distribution

Leigh Perry
SVP & General Counsel-Ops & SNC
Southern Nuclear Operating Company, Inc.
Electronic Mail Distribution

D. G. Bost
Chief Nuclear Officer
Southern Nuclear Operating Company, Inc.
Electronic Mail Distribution

Paula Marino
Vice President
Engineering
Southern Nuclear Operating Company, Inc.
Electronic Mail Distribution

T. A. Lynch
Vice President
Joseph M. Farley Nuclear Plant
Southern Nuclear Operating Company, Inc.
Electronic Mail Distribution

Dennis R. Madison
Vice President
Edwin I. Hatch Nuclear Plant
Southern Nuclear Operating Company, Inc.
Electronic Mail Distribution

T. E. Tynan
Site Vice President
Vogtle Electric Generating Plant
Southern Nuclear Operating Company, Inc.
Electronic Mail Distribution

M. J. Ajluni
Nuclear Licensing Director
Southern Nuclear Operating Company, Inc.
Electronic Mail Distribution

B. D. McKinney, Jr.
Regulatory Response Manager
Southern Nuclear Operating Company, Inc.
Electronic Mail Distribution

D. W. Daughhetee
Licensing Engineer
Southern Nuclear Operating Company, Inc.
Electronic Mail Distribution

T. D. Honeycutt
Regulatory Response Supervisor
Southern Nuclear Operating Company, Inc.
Electronic Mail Distribution

L. Mike Stinson
Vice President
Fleet Operations Support
Southern Nuclear Operating Company, Inc.
Electronic Mail Distribution

N. J. Stringfellow
Licensing Manager
Southern Nuclear Operating Company, Inc.
Electronic Mail Distribution

L. P. Hill
Licensing Supervisor
Southern Nuclear Operating Company, Inc.
Electronic Mail Distribution

L. L. Crumpton
Administrative Assistant, Sr.
Southern Nuclear Operating Company, Inc.
Electronic Mail Distribution

cc w/encl (continued on page 4)

cc w/encl (continued)

Steven B. Tipps
Hatch Principal Engineer - Licensing
Edwin I. Hatch Nuclear Plant
Electronic Mail Distribution

W. E. Duvall
Site Support Manager
Edwin I. Hatch Nuclear Plant
Electronic Mail Distribution

Senior Resident Inspector
U.S. Nuclear Regulatory Commission
Edwin I. Hatch Nuclear Plant
U.S. NRC
11030 Hatch Parkway N
Baxley, GA 31513

Mr. Ken Rosanski
Resident Manager
Edwin I. Hatch Nuclear Plant
Oglethorpe Power Corporation
Electronic Mail Distribution

Mark Williams
Commissioner
Georgia Department of Natural Resources
Electronic Mail Distribution

Lee Foley
Manager of Contracts Generation
Oglethorpe Power Corporation
Electronic Mail Distribution

Arthur H. Dombay, Esq.
Troutman Sanders
Electronic Mail Distribution

James C. Hardeman
Environmental Radiation Program Manager
Environmental Protection Division
Georgia Department of Natural Resources
Electronic Mail Distribution

Chuck Mueller
Manager
Policy and Radiation Program
Georgia Department of Natural Resources
Electronic Mail Distribution

Cynthia A. Sanders
Radioactive Materials Program Manager
Environmental Protection Division
Georgia Department of Natural Resources
Electronic Mail Distribution

Mr. Steven M. Jackson
Senior Engineer - Power Supply
Municipal Electric Authority of Georgia
Electronic Mail Distribution

Reece McAlister
Executive Secretary
Georgia Public Service Commission
Electronic Mail Distribution

Chairman
Appling County Commissioners
County Courthouse
69 Tippins Street, Suite 201
Baxley, GA 31513

Amy Whaley
Resident Manager
Electronic Mail Distribution

Southern Nuclear Operating Company, Inc
Mr. Steve Grantham
Training Manager
Hatch Nuclear Plant
11028 Hatch Parkway North
Baxley, GA 31513

D. Madison

4

Letter to Dennis R. Madison from M. Franke dated 08/09/2012.

SUBJECT: EDWIN I. HATCH NUCLEAR PLANT – NRC OPERATOR LICENSE
EXAMINATION REPORT 05000321/2012301 AND 05000366/2012301

Distribution w/encl:

C. Evans, RII EICS (Part 72 Only)
L. Douglas, RII EICS (Linda Douglas)
OE Mail (email address if applicable)
RIDSNRDIRS
PUBLIC
RidsNrrPMHatch Resource

U.S. NUCLEAR REGULATORY COMMISSION

REGION II

Docket No.: 05000321, 05000366

License No.: DPR-57, NPF-5

Report No.: 05000321/2012301 and 05000366/2012301

Licensee: Southern Nuclear Operating Company (SNC)

Facility: Edwin I. Hatch Nuclear Plant, Units 1 and 2

Location: Baxley, GA

Dates: Operating Test – June 18 – 20, 2012
Written Examination – June 28, 2012

Examiners: E. Lea, Chief Examiner, Senior Operations Engineer
M. Riches, Operations Engineer
L. Vick, Reactor Engineer, NRR/IOLB

Approved by: Mark E. Franke, Chief
Operations Branch 2
Division of Reactor Safety

SUMMARY OF FINDINGS

ER 05000321/2012301 and 05000366/2012301; June 18 – 20, 2012, and June 28, 2012; Edwin I. Hatch Nuclear Plant, Units 1 and 2; Operator License Examinations.

Nuclear Regulatory Commission (NRC) examiners conducted an initial examination in accordance with the guidelines in Revision 9, Supplement 1, of NUREG-1021, "Operator Licensing Examination Standards for Power Reactors." This examination implemented the operator licensing requirements identified in 10 CFR §55.41, §55.43, and §55.45, as applicable.

Members of the Edwin I. Hatch staff developed both the operating tests and the written examination.

The NRC administered the operating tests during the period of June 18 – 20, 2012. Members of the Edwin I. Hatch training staff administered the written examination on June 28, 2012. All applicants passed both the operating test and written examination. All applicants were issued licenses commensurate with the level of examination administered.

There were no post-examination comments.

No findings of significance were identified.

REPORT DETAILS

4. OTHER ACTIVITIES

4OA5 Operator Licensing Examinations

a. Inspection Scope

Members of the Edwin I. Hatch staff developed both the operating tests and the written examination. All examination material was developed in accordance with the guidelines contained in Revision 9, Supplement 1, of NUREG-1021, "Operator Licensing Examination Standards for Power Reactors." The NRC examination team reviewed the proposed examination. Examination changes agreed upon between the NRC and the licensee were made per NUREG-1021, and incorporated into the final version of the examination materials.

The NRC reviewed the licensee's examination security measures while preparing and administering the examinations in order to ensure compliance with 10 CFR §55.49, "Integrity of examinations and tests."

The NRC examiners evaluated one Senior Reactor Operator (SRO) applicant and five Reactor Operator (RO) applicants using the guidelines contained in NUREG-1021. The examiners administered the operating tests during the period of June 18 – 20, 2012. Members of the Edwin I. Hatch training staff administered the written examination on June 28, 2012. Evaluations of applicants and reviews of associated documentation were performed to determine if the applicants, who applied for licenses to operate the Edwin I. Hatch Nuclear Plant, met the requirements specified in 10 CFR Part 55, "Operators' Licenses."

b. Findings

No findings were identified.

The NRC determined, using NUREG-1021, that the licensee's examination submittal (operating and written) was within the range of acceptability expected for a proposed examination.

All applicants passed both the operating test and written examination. Copies of all individual examination reports were sent to the facility Training Manager for evaluation of weaknesses and determination of appropriate remedial training.

The licensee did not submit any post-examination comments. A copy of the final written examination and answer key may be accessed on July 1, 2014, in the ADAMS system (ADAMS Accession Numbers: ML 12215A348 and ML12215A349).

40A6 Meetings, Including Exit

Exit Meeting Summary

On June 21, 2012, the NRC examination team discussed generic issues associated with the operating test with Mr. D. Madison, Site Vice President, and members of the Edwin I. Hatch Nuclear Plant staff. The examiners asked the licensee if any of the examination material was proprietary. No proprietary information was identified.

KEY POINTS OF CONTACT

Licensee personnel

D. Madison, Vice President
 D. Vineyard, Plant Manager
 C. Burke, Operations Support Superintendent
 B. Duvall, Site Support Manager
 C. Edmund, Plant Instructor - Lead
 S. Grantham, Training Manager
 E. Jones, License Training Instructor
 K. Long, Operations Supt
 S. Tipps, Principal Engineer – Licensing
 K. Wainright, Operations Initial Training Lead Instructor
 R. Varnadore, Operations Support Director
 R. Lewis, Operations Support Mentor Initial License
 A. Ball, OPS Training
 K. Underwood, PI Supervisor
 P. Underwood, Operations Training Supervisor

NRC personnel

D. Hardage, Resident inspector
 E. Morris, Senior Resident Inspector

SIMULATOR FIDELITY REPORT

Facility Licensee: Edwin I. Hatch

Facility Docket No.: 50-321, 50-366

Operating Test Administered: June 18 – 20, 2012

This form is used only to report observations. These observations do not constitute audit or inspection findings, and without further verification and review in accordance with Inspection Procedure 71111.11, are not indicative of noncompliance with 10 CFR 55.46. No licensee action is required in response to these observations.

There were no simulator fidelity issues identified.