



**UNITED STATES
NUCLEAR REGULATORY COMMISSION
REGION I
475 ALLENDALE ROAD
KING OF PRUSSIA, PENNSYLVANIA 19406-1415**

April 23, 2012

Mr. Kenneth Langdon, Site Vice President
Nine Mile Point Nuclear Station, LLC
P.O. Box 63
Lycoming, NY 13093-0063

**SUBJECT: NINE MILE POINT UNIT 2 - NRC INITIAL OPERATOR LICENSING
EXAMINATION REPORT 05000410/2012301**

Dear Mr. Langdon:

On March 26, 2012, the U.S. Nuclear Regulatory Commission (NRC) completed an examination at Nine Mile Point Unit 2. The enclosed report documents the examination findings, which were discussed on in a telephone exit meeting on April 19, 2012, with Mr. Aaron Armstrong, Acting General Supervisor Operations Training, and other members of your staff.

The examination included the evaluation of three applicants for reactor operator licenses and eight applicants for instant senior operator licenses. The written and operating examinations were developed using NUREG-1021, "Operator Licensing Examination Standards for Power Reactors," Revision 9, Supplement 1. The license examiners determined all of the eleven applicants satisfied the requirements of 10 CFR Part 55, and the appropriate licenses were issued on April 19, 2012. Three licenses were held pending completion of deferred eligibility requirements.

In accordance with 10 CFR 2.390 of the NRC's "Rules of Practice," a copy of this letter and its enclosure will be available electronically for public inspection in the NRC Public Document Room or from the Publicly Available Records (PARS) component of NRC's document system Agencywide Documents Access and Management System (ADAMS). ADAMS is accessible from the NRC Web site at <http://www.nrc.gov/reading-rm/adams/web-based.html> (the Public Electronic Reading Room).

Sincerely,

Donald E. Jackson, Chief
Operations Branch
Division of Reactor Safety

Mr. Kenneth Langdon, Site Vice President
Nine Mile Point Nuclear Station, LLC
P.O. Box 63
Lycoming, NY 13093-0063

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Sincerely,

/RA/

Donald E. Jackson, Chief
Operations Branch
Division of Reactor Safety

DOCUMENT NAME: G:\DRS\Operations Branch\DANTONIO\Exam 12-NMP2 Mar 12 (U01841)\NMP2 EXAM REPORT.docx
ADAMS PKG: ML110030686 ADAMS ACCESSION NUMBER: ML12115A002

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OFFICE	RI/DRS	RI/DRS			
NAME	JDAntonio	DJackson			
DATE	4/23/12	4/23/12			

OFFICIAL RECORD COPY

K. Langdon

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Enclosure:

NRC Initial Operator Licensing Examination Report 05000410/2012301

w/Attachment: Supplemental Information

cc w/enclosure: Distribution via ListServ

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DRS Master Exam File (C. Bixler) (w/concurrences)

EXAMINATION REPORT

U.S. NUCLEAR REGULATORY COMMISSION REGION I

Dockets: 50-410
Licenses: NPF-69
Report : 05000410/2012301
Licensee: Constellation Energy Group, LLC
Facility: Nine Mile Point Unit 2
Location: P.O. Box 63
Lycoming, NY 13093-0063

Dates: March 17-23, 2012(Operating Test Administration)
March 26, 2012(Written Examination Administration)
March 30, 2012 (Licensee Submitted Post Exam Package)
March 26 - April 12 (NRC Examination Grading)
April 19, 2012 (Licenses Issued)

Examiners: Joseph M. D'Antonio, Senior Operations Engineer
Joyce Tomlinson, Operations Engineer
Brian Fuller, Operations Engineer
Richard DeVercelly, Reactor Technology Instructor

Approved By: Donald E. Jackson, Jr., Chief
Operations Branch
Division of Reactor Safety

Enclosure

SUMMARY OF FINDINGS

ER 05000410/2012301; March 19-26, 2012; Nine Mile Point Unit 2; Initial Operator Licensing Examination Report.

NRC examiners evaluated the competency of three applicants for reactor operator licenses, and eight applicants for instant senior operator licenses at Nine Mile Point Unit 2. The facility licensee developed the examinations using NUREG-1021, "Operator Licensing Examination Standards for Power Reactors," Revision 9, Supplement 1. The written examination was administered by the facility on March 26, 2012. NRC examiners administered the operating tests on March 19-23, 2012. The license examiners determined that all of the eleven applicants satisfied the requirements of 10 CFR Part 55, and the appropriate licenses have been issued.

REPORT DETAILS

4. OTHER ACTIVITIES (OA)

4OA5 Other Activities (Initial Operator License Examination)

.1 License Applications

a. Examination Scope

The examiners reviewed all eleven license applications submitted by the licensee to ensure the applications reflected that each applicant satisfied relevant license eligibility requirements. The applications were submitted on NRC Form 398, "Personal Qualification Statement," and NRC Form 396, "Certification of Medical Examination by Facility Licensee." The examiners also audited all of the license applications in detail to confirm that they accurately reflected the subject applicant's qualifications. This audit focused on the applicant's experience and on-the-job training, including control manipulations that provided significant reactivity changes.

b. Findings

No findings were identified.

.2 Operator Knowledge and Performance

a. Examination Scope

On March 26, 2012, the licensee proctored the administration of the written examinations to all eleven applicants. The licensee staff graded the written examinations, analyzed the results, and presented their analysis to the NRC on March 30, 2012.

The NRC examination team administered the various portions of the operating examination to all eleven applicants on Month 19-23, 2012. The three applicants for reactor operator licenses participated in three dynamic simulator scenarios, in a control room and facilities walkthrough test consisting of eleven system tasks, and an administrative test consisting of four administrative tasks. The eight applicants seeking an instant senior operator license participated in two or three dynamic simulator scenarios, a control room and facilities walkthrough test consisting of ten system tasks, and an administrative test consisting of five administrative tasks.

b. Findings

All eleven of the applicants passed all parts of the examination. For the written examinations, the reactor operator applicants' average score was 85.77 percent and ranged from 81.33 to 88 percent, the senior operator applicants' average score was 89.25 percent and ranged from 82 to 97 percent. The overall written examination average was 88.30 percent. The text of the examination questions, the licensee's

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examination analysis, and the licensee's post-examination comments may be accessed in the ADAMS system under the accession numbers noted in Attachment 1. In accordance with current NRC policy, the release of this written examination in ADAMS to the public will be delayed for two years.

The NRC examiners completed the final grading of the written examination on April 3, 2012, and conducted a review of each missed question to determine the accuracy and validity of the examination questions. In accordance with current NRC policy, the release of this written examination will be delayed for two years. The text of the examination questions, the licensee's examination analysis, and the licensee's post-examination comments may be accessed in the ADAMS system under the accession numbers noted in the attachment.

Chapter ES-403 and Form ES-403-1 of NUREG 1021 require the licensee to analyze the validity of any written examination questions that were missed by half or more of the applicants. The licensee conducted this performance analysis and submitted the analysis to the chief examiner.

.3 Initial Licensing Examination Development

a. Examination Scope

The facility licensee developed the examinations in accordance with NUREG-1021, Revision 9, Supplement 1. All licensee facility training and operations staff involved in examination preparation and validation were listed on a security agreement. The facility licensee submitted both the written and operating examination outlines on August 19, 2011. The chief examiner reviewed the outlines against the requirements of NUREG-1021, and provided comments to the licensee. The facility licensee submitted the draft examination package on November 3, 2011. The chief examiner reviewed the draft examination package against the requirements of NUREG-1021, and provided final comments to the licensee on the examination on January 25, 2012. The NRC conducted an onsite validation of the operating examinations and provided further comments during the week of February 20, 2012. The licensee satisfactorily completed comment resolution on March 19, 2011.

b. Findings

The NRC approved the initial examination outline and advised the licensee to proceed with the operating examination development.

The examiners determined that the written and operating examinations initially submitted by the licensee were within the range of acceptability expected for a proposed examination.

No findings were identified.

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.4 Simulation Facility Performance

a. Examination Scope

The examiners observed simulator performance with regard to plant fidelity during the examination validation and administration.

b. Findings

No findings were identified.

.5 Examination Security

a. Examination Scope

The examiners reviewed examination security for examination development and during both the onsite preparation week and examination administration week for compliance with NUREG-1021 requirements. Plans for simulator security and applicant control were reviewed and discussed with licensee personnel.

b. Findings

No findings were identified.

4OA6 Meetings, Including Exit

The chief examiner presented observations concerning the examination to Mr. Julian Thompson, NMP2 General Supervisor of Shift Operations, and other members of the licensee's staff during an outbrief meeting on March 23, 2012. Final examination results were provided to Mr. Aaron Armstrong, Acting General Supervisor Operations Training and other members of the licensee's management staff on April 19, 2012. The licensee acknowledged the observations and presented.

The licensee did not identify any information or materials used during the examination as proprietary.

ATTACHMENTS: SUPPLEMENTAL INFORMATION

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ATTACHMENT
SUPPLEMENTAL INFORMATION
KEY POINTS OF CONTACT

Licensee Personnel

Julian Thompson, NMP2 General Supervisor of Shift Operations
Greg Pitts, Acting General Supervisor Operations Training
Aaron Armstrong, Acting General Supervisor Operations Training
David Britt, NMP2 Initial Training Supervisor
David Huff, Lead Exam Developer

NRC Personnel

Joseph M. D'Antonio, Senior operations Engineer
Richard DeVercelly, Senior Reactor Technology Instructor

ITEMS OPENED, CLOSED, AND DISCUSSED

Opened

NONE

Opened and Closed

NONE

Closed

NONE

Discussed

NONE

ADAMS DOCUMENTS REFERENCED

Accession No. ML12107A1616 – FINAL-Written Exam (Note: In accordance with current NRC policy, the release of this written examination in ADAMS to the public will be delayed for two years.)
Accession No. ML12107A1619 – FINAL-Operating Exam