



**UNITED STATES
NUCLEAR REGULATORY COMMISSION**

REGION III
2443 WARRENVILLE ROAD, SUITE 210
LISLE, IL 60532-4352

October 26, 2010

Mr. Michael J. Pacilio
Senior Vice President, Exelon Generation Company, LLC
President and Chief Nuclear Officer (CNO), Exelon Nuclear
4300 Winfield Road
Warrenville, IL 60555

SUBJECT: LASALLE COUNTY STATION, UNITS 1 AND 2
NRC INITIAL LICENSE EXAMINATION REPORT 05000373/2010301(DRS);
05000374/2010301(DRS)

Dear Mr. Pacilio:

On September 30, 2010, Nuclear Regulatory Commission (NRC) examiners completed the initial operator licensing examination process at your LaSalle County Station. The enclosed report documents the results of the examination. Preliminary observations and findings were discussed on September 23, 2010, with Mr. D. Rhoades and other members of your staff. An exit meeting was conducted on September 30, 2010, between Mr. M. Entwistle, LaSalle County Station examination author, and Mr. D. McNeil, Senior Operations Engineer. At the exit meeting, receipt and resolution of the station's post examination comments were discussed and the grading key for the written examination was finalized.

The NRC examiners administered an initial license examination operating test during the weeks of September 13 and September 20, 2010. The written examination was administered by members of the LaSalle County Station Training Department staff on September 24, 2010. Eleven Senior Reactor Operator and two Reactor Operator applicants were administered license examinations. The results of the examinations were finalized on October 20, 2010. All applicants passed all sections of their respective examinations and ten Senior Reactor Operator and two Reactor Operator licenses were issued. One Senior Reactor Operator license was withheld pending completion of the applicant's experience requirements. Upon completion of the applicant's experience requirements and certification in writing by station management, the license will be issued.

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 (ADAMS), accessible from the NRC Web site at <http://www.nrc.gov/reading-rm/adams.html> (the Public Electronic Reading Room).

M. Pacilio

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We will gladly discuss any questions you have concerning this examination.

Sincerely,

/RA/

Hironori Peterson, Chief
Operations Branch
Division of Reactor Safety

Docket Nos. 50-373; 50-374
License Nos. NPF-11; NPF-18

Enclosures: 1. Operator Licensing Examination
 Report 05000373/2010301(DRS); 05000374/2010301(DRS)
 w/Attachment: Supplemental Information
 2. Simulation Facility Report
 3. Written Examinations and Answer Keys (RO/SRO)

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U. S. NUCLEAR REGULATORY COMMISSION

REGION III

Docket Nos: 05000373; 05000374

License Nos: NPF-11; NPF-18

Report No: 05000373/2010301(DRS); 05000374/2010301(DRS)

Licensee: Exelon Generation Company, LLC

Facility: LaSalle County Station, Units 1 and 2

Location: Marseilles, Illinois

Dates: September 13 - 23, 2010

Examiners: D. McNeil, Senior Operations Engineer
C. Moore, Operations Engineer
C. Phillips, Senior Resident Inspector, Dresden

Approved by: Hironori Peterson, Chief
Operations Branch
Division of Reactor Safety

SUMMARY OF FINDINGS

ER 05000373/2010301(DRS), 05000374/2010301(DRS); 09/13/2010 - 09/23/2010; Exelon Generation Company, LLC, LaSalle County Station, Units 1 and 2. Initial License Examination Report.

The announced initial operator licensing examination was conducted by regional Nuclear Regulatory Commission examiners in accordance with the guidance of NUREG-1021, "Operator Licensing Examination Standards for Power Reactors," Revision 9, Supplement 1.

Examination Summary:

- Thirteen applicants passed all sections of their respective examinations. Ten applicants were issued Senior Reactor Operator licenses and two applicants were issued Reactor Operator licenses. One Senior Reactor Operator license was withheld pending completion of the applicant's experience requirements. (Section 40A5.1)

REPORT DETAILS

4. OTHER ACTIVITIES (OA)

4OA5 Other

.1 Initial Licensing Examinations

a. Examination Scope

The LaSalle County Station Training Department prepared the examination outline and developed the written examination and operating test. The NRC examiners validated the proposed examination during the week of August 30, 2010, at the LaSalle County Station Training Building with the assistance of members of the licensee training staff. During the on-site validation week, the examiners audited four license applications for accuracy. The NRC examiners conducted the operating portion of the initial license examination during the weeks of September 13, 2010 and September 20, 2010. Members of the LaSalle County Station Training Department staff administered the written examination on September 24, 2010. The NRC examiners used the guidance established in NUREG-1021, "Operator Licensing Examination Standards for Power Reactors," Revision 9, Supplement 1, to prepare, validate, revise, administer, and grade the examination.

b. Findings

Written Examination

The proposed written examination was within the range of acceptability expected for a proposed examination. However, during the validation of the written examination several questions were modified or replaced. Changes made to the written examination were documented on Form ES-401-9, "Written Examination Review Worksheet" which is available electronically in the NRC Public Document Room or from the Publicly Available Records component of NRC's document system (ADAMS). The licensee submitted a letter stating there were no written examination post-examination comments. A copy of the letter stating there were no post-examination comments and documenting questions asked during written examination administration is available electronically in the NRC Public Document Room or from ADAMS. The NRC examiners graded the written examination on October 1, 2010, and conducted a review of each missed question to determine the accuracy and validity of the examination questions. In accordance with a verbal request from the LaSalle County Station Training Director, the public release of the written examination will be delayed until October 2012.

Operating Test

The proposed operating test was within the range of acceptability expected for a proposed examination. However, during the validation of the operating test, several Job Performance Measures (JPMs) were enhanced. Some minor modifications were made to the dynamic simulator scenarios. Changes made to the operating test were

documented in a document titled, "Operating Test Comments," which is available electronically in the NRC Public Document Room or from ADAMS. The NRC examiners completed operating test grading on October 19, 2010.

Examination Results

Eleven applicants at the Senior Reactor Operator (SRO) level and two applicants at the Reactor Operator (RO) level were administered written and operating tests. All 13 applicants passed all portions of their examinations. Ten SRO applicants were issued SRO licenses and two RO applicants were issued RO licenses. One SRO license was withheld pending completion of the applicant's experience requirements. Upon completion of the applicant's experience and certification by the station's management in writing that the experience is completed, the license will be issued.

.2 Examination Security

a. Scope

The NRC examiners reviewed and observed the licensee's implementation of examination security requirements during the examination validation and administration to assure compliance with 10 CFR 55.49, "Integrity of Examinations and Tests." The examiners used the guidelines provided in NUREG 1021, "Operator Licensing Examination Standards for Power Reactors," to determine acceptability of the licensee's examination security activities.

b. Findings

No examination security issues were found by the inspectors.

4OA6 Meetings

Debrief

The chief examiner presented the examination team's preliminary observations and findings on September 23, 2010, to D. Rhoades and other members of the LaSalle County Station Operations and Training Department staffs.

Exit Meeting

The chief examiner conducted an exit meeting on September 30, 2010, with Mr. M. Entwistle, LaSalle County Station examination author at the NRC Region III office. A letter documenting no post examination comments was provided by Mr. Entwistle and the written examination key was finalized during the meeting. The examiners asked the licensee whether any of the material used to develop or administer the examination should be considered proprietary. No proprietary or sensitive information was identified during the examination or debrief/exit meetings.

ATTACHMENT: SUPPLEMENTAL INFORMATION

SUPPLEMENTAL INFORMATION

KEY POINTS OF CONTACT

Licensee

D. Rhoades, LaSalle Site Vice President
K. Taber, LaSalle Operations Manager (Acting Plant Manager)
J. Houston, LaSalle RA
K. Ihnen, LaSalle NOS Manager
T. Simpkin, LaSalle Regulatory Assurance Manager
B. Rash, LaSalle Maintenance Director
P. Soenksen, LaSalle Work Control
J. White, LaSalle Training Director
K. Lyons, LaSalle Chemistry Manager
K. Hedgspeth, LaSalle Rad Protection Manager
L. Blunk, LaSalle Training Manager
T. Granlund, LaSalle Operations, Facility Rep
M. Entwistle, LaSalle Training, Exam Author
R.J. Frederes, LaSalle Training, ILT Group Lead
B. Trafton, LaSalle Shift Operations Superintendent

NRC

D. McNeil, Senior Operations Engineer
C. Moore, Operations Engineer
C. Phillips, Senior Resident Inspector, Dresden Station

ITEMS OPENED, CLOSED, AND DISCUSSED

Opened, Closed, and Discussed

None

LIST OF DOCUMENTS REVIEWED

None

LIST OF ACRONYMS USED

ADAMS	Agency-Wide Document Access and Management System
DRS	Division of Reactor Safety
ER	Examination Report
JPM	Job Performance Measure
NRC	U. S. Nuclear Regulatory Commission
RO	Reactor Operator
SRO	Senior Reactor Operator

SIMULATION FACILITY REPORT

Facility Licensee: LaSalle County Station
Facility Docket No: 50-373; 50-373
Operating Tests Administered: September 13 – 23, 2010

The following documents observations made by the NRC examination team during the initial operator license examination. These observations do not constitute audit or inspection findings and are not, without further verification and review, indicative of non-compliance with 10 CFR 55.45(b). These observations do not affect NRC certification or approval of the simulation facility other than to provide information which may be used in future evaluations. No licensee action is required in response to these observations.

During the conduct of the simulator portion of the operating tests, the following items were observed:

Expansion tank alarms	SWR 12803 was written to investigate annunciator 1PM06J-B407; PRI CONT 1B EXP TANK LVL HI/LO alarms. The annunciator intermittently energizes when a VP pump is started.
SA Compressor indication	SWR 12804 was written to determine why the Simulator Process Computer Display does not indicate running Station Air Compressors.
Lube Oil Temperature	SWR 12805 was written to investigate the low temperature indicated for the Turbine Lube Oil system.
LPCS pump amps	SWR 12806 was written to determine why LPCS pump amps are erratic.
Frequent sim halts	IRs 1113879 and 1114402 were written to document efforts to determine why the LaSalle simulator locked up and required reset.
RCMS lock-ups	IR 1115486 and SWR 12788 were written to document LaSalle simulator RCMS lock ups and automatic reboots.

WRITTEN EXAMINATIONS AND ANSWER KEYS (RO/SRO)

SRO Initial Examination ADAMS Accession # ML102920319

M. Pacilio

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We will gladly discuss any questions you have concerning this examination.

Sincerely,

/RA/

Hironori Peterson, Chief
Operations Branch
Division of Reactor Safety

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