



UNITED STATES
NUCLEAR REGULATORY COMMISSION
REGION IV
1600 EAST LAMAR BOULEVARD
ARLINGTON, TEXAS 76011-4511

October 30, 2023

Mr. John Ferrick
Site Vice President
Entergy Operations, Inc.
17265 River Road
Killona, LA 70057

SUBJECT: WATERFORD STEAM ELECTRIC STATION, UNIT 3 - NRC EXAMINATION
REPORT 05000382/2023301

Dear Mr. Ferrick:

On October 20, 2023, the U.S. Nuclear Regulatory Commission (NRC) completed an initial operator license examination at your Waterford Steam Electric Station, Unit 3. The enclosed report documents the examination results and licensing decisions. The preliminary examination results were discussed on August 24, 2023, with Mr. V. Ford, operations training superintendent, and other members of your staff. A telephonic exit meeting was conducted on October 20, 2023, with Mr. R. Peter, lead examination developer, who was provided the NRC licensing decisions.

The examination included the evaluation of seven applicants for reactor operator licenses and three applicants for Instant senior reactor operator licenses. The license examiners determined that all ten of the applicants satisfied the requirements of 10 CFR Part 55, and the appropriate licenses have been issued. There were no post-examination comments submitted by your staff. The enclosure contains details of this report.

No findings were identified during this examination.

J. Ferrick

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This letter, its enclosure, and your response (if any) will be made available for public inspection and copying at <http://www.nrc.gov/reading-rm/adams.html> and at the NRC Public Document Room in accordance with 10 CFR 2.390, "Public Inspections, Exemptions, Requests for Withholding."

Sincerely,



Signed by Gepford, Heather
on 10/30/23

Heather J. Gepford, Ph.D., Chief
Operations Branch
Division of Operating Reactor Safety

Docket No. 05000382
License No. NPF-38

Enclosure:
Examination Report 05000382/2023301

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WATERFORD STEAM ELECTRIC STATION, UNIT 3 - NRC EXAMINATION REPORT
 05000382/2023301- DATED OCTOBER 30, 2023

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ADAMS ACCESSION NUMBER: **ML23304A049**

SUNSI Review: ADAMS: Non-Publicly Available Non-Sensitive Keyword:
 By: CCO Yes No Publicly Available Sensitive NRR-079

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**U.S. NUCLEAR REGULATORY COMMISSION
Inspection Report**

Docket Number: 05000382

License Number: NPF-38

Report Number: 05000382/2023301

Enterprise Identifier: L-2023-OLL-0041

Licensee: Entergy Operations, Inc.

Facility: Waterford Steam Electric Station, Unit 3

Location: Killona, Louisiana

Examination Dates: August 21, 2023, to October 20, 2023

Inspectors: C. Osterholtz, Chief Examiner, Senior Operations Engineer
K. Clayton, Senior Operations Engineer
J. Kirkland, Senior Operations Engineer
D. You, Operations Engineer

Approved By: Heather J. Gepford, Ph.D., Chief
Operations Branch
Division of Operating Reactor Safety

Enclosure

SUMMARY

Examination Report 05000382/2023; 08/21/2023-10/20/2023; Waterford Steam Electric Station, Unit 3; Initial Operator Licensing Examination Report.

The NRC examiners evaluated the competency of seven applicants for reactor operator licenses and three applicants for instant senior reactor operator licenses at Waterford Steam Electric Station, Unit 3.

The licensee developed the examinations using NUREG-1021, "Operator Licensing Examination Standards for Power Reactors," Revision 12. The written examination was administered by the licensee on August 30, 2023. The NRC examiners administered the operating tests on August 21-24, 2023.

The NRC examiners determined that all applicants satisfied the requirements of 10 CFR Part 55, and the appropriate licenses have been issued.

A. NRC-Identified and Self-Revealing Findings

None.

B. Licensee-Identified Violations

None.

REPORT DETAILS

OTHER ACTIVITIES – INITIAL LICENSE EXAMINATION

.1 License Applications

a. Scope

The NRC examiners reviewed all license applications submitted to ensure each applicant satisfied relevant license eligibility requirements. The NRC examiners also audited two of the license applications in detail to confirm that they accurately reflected the subject applicant's qualifications. This audit focused on the applicants' experience and on-the-job training, including control manipulations that provided significant reactivity changes.

b. Findings

No findings were identified.

.2 Examination Development

a. Scope

The NRC examiners reviewed integrated examination outlines and draft examinations submitted by the licensee against the requirements of NUREG-1021. The NRC examiners conducted an onsite validation of the operating tests.

b. Findings

The NRC examiners provided outline, draft examination, and post-validation comments to the licensee. The licensee satisfactorily completed comment resolution prior to examination administration.

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

.3 Operator Knowledge and Performance

a. Scope

On August 30, 2023, the licensee proctored the administration of the written examinations to all ten applicants. The licensee staff graded the written examinations, analyzed the results, and presented their analysis to the NRC on September 7, 2023.

The NRC examination team administered the various portions of the operating tests to all applicants on August 21-24, 2023.

b. Findings

No findings were identified.

All applicants passed the written examination and all parts of the operating tests. The final written examinations and post-examination analysis may be accessed in the ADAMS system under the accession numbers noted in the attachment. There were no post-examination comments as indicated in the licensee submittal.

The examination team noted no generic weaknesses associated with applicant performance on the operating tests. Post-examination analysis revealed five generic weaknesses associated with applicant performance on the written examination. All five weaknesses were attributed to knowledge deficiencies for which a training needs analysis is planned to be performed. These deficiencies were captured in the licensee's corrective action program as corrective action document WT-2021-00483, CA-226. Copies of all individual examination reports were sent to the facility training manager for evaluation and determination of appropriate remedial training.

.4 Simulation Facility Performance

a. Scope

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

b. Findings

No findings were identified.

.5 Examination Security

a. Scope

The NRC examiners reviewed examination security for examination development during both the onsite preparation week and examination administration week for compliance with 10 CFR 55.49 and NUREG-1021. Plans for examination security and applicant control were reviewed and discussed with licensee personnel.

b. Findings

No findings were identified.

EXIT MEETINGS AND DEBRIEFS

Exit Meeting Summary

The chief examiner presented the preliminary examination results to Mr. V. Ford, operations training superintendent, and other members of the staff on August 24, 2023. A telephonic exit was conducted on October 20, 2023, between Mr. C. Osterholtz, chief examiner, and Mr. R. Peter, lead exam author. The licensee did not identify any information or materials used during the examination as proprietary.

ADAMS DOCUMENTS REFERENCED

Accession No. ML23285A300 - FINAL WRITTEN EXAMS

Accession No. ML23285A298 - FINAL OPERATING TEST

Accession No. ML23285A302 - POST-EXAMINATION ANALYSIS