



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

January 03, 2023

Mr. Kent Scott, Site Vice President
Entergy Operations, Inc.
River Bend Station
5485 U.S. Highway 61N
St. Francisville, LA 70775

SUBJECT: RIVER BEND STATION - NRC EXAMINATION REPORT 05000458/2022301

Dear Mr. Scott:

On December 27, 2022, the U.S. Nuclear Regulatory Commission (NRC) completed an initial operator license examination at your River Bend Station. The enclosed report documents the examination results and licensing decisions. The preliminary examination results were discussed on December 8, 2022, with Mr. B. Chenard, General Manager, Plant Operations, and other members of your staff. A telephonic exit meeting was conducted on December 27, 2022, with Mr. J. Frost, Performance Improvement Manager, who was provided the NRC licensing decisions.

The examination included the evaluation of eight applicants for reactor operator licenses, two applicants for instant senior reactor operator licenses, and two applicants for upgrade senior reactor operator licenses. The license examiners determined that all 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.

K. Scott

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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 01/03/23

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

Docket No: 50-458
License No: NPF-47

Enclosure:
Inspection Report 05000458/2022301
w/attachment: Supplemental Information

cc w/ encl: Distribution via LISTSERV®

RIVER BEND STATION - NRC EXAMINATION REPORT 05000458/2022301
JANUARY 03, 2023

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

ADAMS ACCESSION NUMBER: **ML22362A048**

OFFICE	SOE:OB	SOE:OB	OE:OB	OE:OB	C:OB
NAME	TFarina	JKirkland	NHernandez	DYou	HGepford
SIGNATURE	TJF	JCK	NAH	DDY	HJG
DATE	01/03/2023	01/03/2023	12/28/2022	12/28/2022	01/03/2023

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U.S. NUCLEAR REGULATORY COMMISSION
Inspection Report

Docket Number: 05000458

License Number: NPF-47

Report Number: 05000458/2022301

Enterprise Identifier: L-2022-OLL-0036

Licensee: Entergy Operations, Inc.

Facility: River Bend Station

Location: Saint Francisville, Louisiana

Inspection Dates: December 5, 2022, to December 27, 2022

Inspectors: T. Farina, Senior Operations Engineer (Chief Examiner)
J. Kirkland, Senior Operations Engineer
N. Hernandez, Operations Engineer
D. You, Operations Engineer

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

Enclosure

Examination Report 05000458/2022301; December 5-27, 2022; River Bend Station; Initial Operator Licensing Examination

The NRC examiners evaluated the competency of eight applicants for reactor operator licenses, two applicants for instant senior reactor operator licenses, and two applicants for upgrade senior reactor operator licenses at River Bend Station.

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 December 14, 2022. The NRC examiners administered the operating tests on December 5-8, 2022.

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 December 14, 2022, the licensee proctored the administration of the written examinations to all 12 applicants. The licensee staff graded the written examinations, analyzed the results, and presented their analysis to the NRC on December 15, 2022.

The NRC examination team administered the various portions of the operating tests to all applicants on December 5-8, 2022.

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 one generic weakness associated with applicant performance on the administrative job performance measure section of the operating tests. The applicants displayed a weakness determining maximum allowed stay time using emergency exposure limits during a declared site area emergency. Post-examination analysis revealed one generic weakness associated with applicant performance on the written examination; specifically, 50 percent of applicants answered question 67 incorrectly. These deficiencies were captured in the licensee's corrective action program as Condition Reports CR-RBS-2022-07381 and CR-RBS-2022-07180. 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. B. Chenard, General Manager, Plant Operations, and other members of the staff on December 8, 2022. A telephonic exit was conducted on December 27, 2022, between Mr. T. Farina, chief examiner, and Mr. J. Frost, Performance Improvement Manager. The licensee did not identify any information or materials used during the examination as proprietary.

SUPPLEMENTAL INFORMATION

KEY POINTS OF CONTACT

Licensee Personnel

M. McCue, Operations Training Manager
G. Kimich, Supervisor, Simulator and Regulatory Exams
G. Gardner, Exam Lead
T. Douglas, Exam Writer

ADAMS DOCUMENTS REFERENCED

Accession No. ML22354A256 - FINAL WRITTEN EXAMS
Accession No. ML22354A257 - FINAL OPERATING TEST
Accession No. ML22354A258 - POST-EXAMINATION ANALYSIS