



**UNITED STATES
NUCLEAR REGULATORY COMMISSION
REGION II
SAM NUNN ATLANTA FEDERAL CENTER
61 FORSYTH STREET SW SUITE 23T85
ATLANTA, GEORGIA 30303-8931**

March 22, 2002

Duke Energy Corporation
ATTN: Mr. H. B. Barron
Vice President
McGuire Nuclear Station
12700 Hagers Ferry Road
Huntersville, NC 28078-8985

SUBJECT: MCGUIRE NUCLEAR STATION - NRC EXAMINATION REPORT
50-369/2002-301 AND 50-370/2002-301

Dear Mr. Barron:

During the period February 11-14, 2002, the Nuclear Regulatory Commission (NRC) administered operating examinations to employees of your company who had applied for licenses to operate the McGuire Nuclear Station Units 1 and 2. The enclosed report documents the examination results and findings which were discussed on February 15, 2002, with Mr. A. Orton and other members of your staff. The written examination was administered by your staff on February 22, 2002.

The written and operating examinations were administered to two Reactor Operators and five Senior Reactor Operator applicants. Both of the Reactor Operator and two of the Senior Reactor Operator applicants passed both the written and operating examinations. There were three Senior Reactor Operator applicant failures. Two Senior Reactor Operator applicants failed the written examination and one Senior Reactor Operator applicant failed the operating examination. There were no Post Examination comments.

No findings of significance were identified.

In accordance with 10 CFR 2.790 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 NRC's document system (ADAMS). ADAMS is accessible from the NRC Web site at <http://www.nrc.gov/reading-rm/adams.html> (the Public Electronic Reading Room).

Sincerely,
/RA/
Michael E. Ernstes, Chief
Operator Licensing and
Human Performance Branch
Division of Reactor Safety

Docket Nos. 50-369, 50-370
License Nos. NPF-9, NPF-17

Enclosure: (See page 2)

DEC

2

Enclosure: Examination Report

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DEC

3

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NUCLEAR REGULATORY COMMISSION

REGION II

Docket Nos.: 50-369, 50-370

License Nos.: NPR-9, NPR-17

Report Nos.: 50-369/2002-301, 50-370/2002-301

Licensee: Duke Energy Corporation

Facility: McGuire Nuclear Station

Location: 12700 Hagers Ferry Road
Huntersville, NC 28078

Dates: Operating Tests - February 11-14, 2002
Written Examination - February 22, 2002

Examiners: Lee R. Miller, Chief, Senior Operations Engineer
Steven D. Rose, Operations Engineer
Robert L. Monk, Operations Engineer

Approved by: Michael E. Ernstes, Chief
Operator Licensing and Human Performance Branch
Division of Reactor Safety

Enclosure

SUMMARY OF FINDINGS

ER 50-369/2002-301 and ER50-370/2002-301, on 2/11-14/2002 and 2/22/2002, Duke Energy Corporation, McGuire Nuclear Station, Units 1 & 2 licensed operator examinations.

The operator licensing initial examinations were developed by the McGuire training staff and administered by NRC examiners in accordance with the guidance of NUREG-1021, "Examiner Standards", Revision 8, Supplement 1. The examination implemented the operator licensing requirements of 10 CFR §55.41, §55.43, and §55.45. No significant issues were identified.

The NRC administered the operating tests during the period February 11-14, 2002. The licensee administered the written examination on February 22, 2002. Two Reactor Operator (RO) and four Senior Reactor Operator (SRO) applicants passed the operating examinations with one SRO applicant failing the operating examination. Two SRO applicants failed the written examination, this includes one re-take applicant who failed the written examination. All applicants that passed the operating and written examinations were issued operator licenses commensurate with the level of examination administered.

Report Details

4. OTHER ACTIVITIES (OA)

4OA5 Operator Licensing Initial Examinations

a. Inspection Scope

The McGuire Nuclear Station developed operating tests and written examinations in accordance with NUREG 1021, "Operator Licensing Examination Standards for Power Reactors," Revision 8, Supplement 1. The NRC examination team reviewed the proposed examination. Examination changes agreed upon between the NRC and the licensee were made according to NUREG-1021 and incorporated into the final version of the examination materials. The NRC administered the approved operating tests during the period of February 11-14, 2002, to two RO applicants and five SRO applicants. The license staff administered the approved written examination on February 22, 2002 to seven applicants. The examiners reviewed the examination security measures to ensure examination security and integrity.

b. Issues and Findings

No findings of significance were identified.

Both RO and two of the five SRO applicants passed both written and operating examinations. The one SRO re-take applicant failed the written examination. One SRO initial applicant failed the written examination. One initial applicant failed the operating examination. Details of each applicant's deficiencies are described in the individual's examination report, Form ES-303-1, "Operator Licensing Examination Report." Copies of the evaluations have been forwarded under separate cover to the Training Manager in order to enable the licensee to evaluate these deficiencies and provide appropriate remedial training for those operators as necessary.

The licensee did not submit any post-examination comments concerning the written examination. The written examinations and answer keys may be accessed in the ADAMS system (ADAMS Accession Number ML020770367 and ML020770352).

4OA6 Meetings

Exit Meeting Summary

The Chief Examiner presented the preliminary examination results on February 15, 2002, to members of licensee management. The licensee acknowledged the examination results presented.

The inspectors asked the licensee whether any materials examined during the inspection should be considered proprietary.

PARTIAL LIST OF PERSONS CONTACTED

Licensee

- B. Barrow, McGuire Nuclear Station, VP
- D. Jamil, Station Manager
- A. Orton, Operations Training Manager
- J. Bryant, Regulatory Compliance Manager
- S. Bradshaw, Operations Superintendent
- E. Roberts, Initial Training Supervisor