

KEWAUNEE

May 2001

CORRESPONDENCE

June 29, 2001

Mr. M. Reddemann
Site Vice President
Kewaunee and Point Beach Nuclear Plants
Nuclear Management Company, LLC
6610 Nuclear Road
Two Rivers, WI 54241

SUBJECT: KEWAUNEE NUCLEAR POWER PLANT
NRC INSPECTION REPORT 50-305/01-301(DRS)

Dear Mr. Reddemann:

On May 17, 2001, the NRC completed initial operator licensing retake examinations at your Kewaunee Nuclear Power Plant. The enclosed report presents the results of the examination.

NRC examiners administered the retake written examination on May 16, 2001, and the operating test on May 15 and May 17, 2001. One reactor operator applicant and one senior reactor operator applicant were administered license examinations.

The results of the examinations were finalized on June 5, 2001. Both applicants passed the applicable sections of their respective retake examinations and were issued applicable operator licenses.

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 the NRC's document control system (ADAMS). ADAMS is accessible from the NRC Web site at <http://www.nrc.gov/NRC/ADQAMS/index.html> (the Public Electronic Reading Room).

M. Reddemann

-2-

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

Sincerely,

/RA by John A. Grobe Acting for/

David E. Hills, Chief
Operations Branch
Division of Reactor Safety

Docket No. 50-305
License No. DPR-43

- Enclosures:
1. Operator Licensing Examination Report
50-305/01-301
 2. Written Examination and Answer Keys (RO & SRO)

cc w/encl 1: K. Hoops, Manager, Kewaunee Plant
D. Graham, Director, Bureau of Field Operations
Chairman, Wisconsin Public Service Commission
State Liaison Officer

cc w/encls 1 and 2: P. Walker, Training Department

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U.S. NUCLEAR REGULATORY COMMISSION

REGION III

Docket No: 50-305
License No: DPR-43

Report No: 50-305/01-301

Licensee: Nuclear Management Company, LLC

Facility: Kewaunee Nuclear Power Plant

Location: N 490 Highway 42
Kewaunee, WI 54216

Dates: May 15 through May 17, 2001

Examiners: A. M. Stone, Chief Examiner

Approved by: David E. Hills, Chief
Operations Branch
Division of Reactor Safety

SUMMARY OF FINDINGS

ER 05000305-01-301(DRS), on 05/14-05/17/2001, Nuclear Management Company, LLC, Kewaunee Nuclear Power Plant. Initial Operator License Examination Report.

The announced operator licensing initial retake examination was conducted by a regional examiner in accordance with the guidance of NUREG-1021, "Operator Licensing Examination Standards for Power Reactors," Revision 8, Supplement 1.

Examination Summary:

- One reactor operator applicant was administered a retake written examination and one senior reactor operator applicant was administered a retake written examination and operating test for initial operator licensing. Both applicants passed the applicable sections of their respective retake examinations and were issued applicable operator licenses (Section 4OA5.1).

Report Details

4. OTHER ACTIVITIES (OA)

4OA5 Other

.1 Initial Licensing Examinations

a. Inspection Scope

The NRC examiners conducted announced retake operator licensing initial examinations on May 15 through May 17, 2001. The NRC staff used the guidance established in NUREG-1021, "Operator Licensing Examination Standards for Power Reactors," Revision 8, Supplement 1, to prepare the examination outline and to develop the written examination and operating test. The NRC examiners administered the operating test on May 15, 2001, and May 17, 2001, and also administered the written examination on May 16, 2001. One reactor operator applicant and one senior reactor operator applicant were examined.

b. Findings

Written Examination

The NRC examiners determined that the written examination, as originally submitted by the licensee, was within the range of acceptability expected for a proposed examination. No post examination comments were submitted by the licensee.

Operating Test

The NRC examiners determined that the operating test, as originally submitted by the licensee, was within the range of acceptability expected for a proposed examination. No post examination comments were submitted by the licensee.

Examination Results

Both candidates passed all sections of their respective retake examinations and were issued applicable operator licenses.

.2 Examination Security

a. Inspection Scope

The examiners reviewed and observed the licensee's implementation of examination security requirements during the examination preparation and administration.

b. Findings

The NRC examiners determined that the licensee's examination security practices associated with the development and administration of the operator license examinations were satisfactory. No significant issues were identified.

- .3 (Closed) URI 50-305/200010-01(DRS): The inspectors determined that the licensee's practice of exempting newly licensed operators from taking the annual operating test during the calendar year in which the licenses were issued and received was acceptable. Therefore, this issue is closed.
- .4 (Closed) URI 50-305/200010-02(DRS): The purpose of this unresolved item was to obtain clarification of the applicable NRC requirements with respect to proficiency watches. The inspectors had noted that some licensed operators truncated their last proficiency watch tour by serving only eight hours of the 12-hour shift. For example, during the first quarter of 2000, one individual worked four 12-hour shifts then truncated the last watch once a total of 56 hours was served. This practice was in accordance with the licensee's procedures. After consultation with the NRR/Operator Licensing personnel, the inspectors determined that the licensee's practice of truncating proficiency watch shifts was contrary to 10 CFR 55.53(e) which states, in part, that an individual licensee shall actively perform the functions of an operator or senior operator on a minimum of seven 8-hour or five 12-hour shifts per calendar quarter. Clarification to this requirement was provided in a Question and Answer document which can be obtained at: <http://www.nrc.gov/NRC/REACTOR/OL/OLhome.html>). One question and answer located in the ES-605 section addressed this issue and stated the 10 CFR 55.53(e) requirement for licensed operators to maintain their proficiency may be satisfied with a combination of complete 8- and 12-hour shifts (in a position required by the plant's technical specifications) at sites having a mixed shift schedule. The clarification also stated that watches shall not be truncated when the minimum quarterly requirement (56 hours) is satisfied. The inspectors noted that operating crews at Kewaunee Power Plant were on 12-shift rotations, not mixed, and that several individual licensees served a combination of 8-and 12-hour shifts. Serving a combination of shifts and/or truncating after 56 hours is contrary to 10 CFR 55.53(e). Although this issue should be corrected, it constitutes a violation of minor significance that is not subject to enforcement action in accordance with Section IV of the NRC's Enforcement Policy. Therefore, this issue is closed.

40A6 Management Meetings

Exit Meeting Summary

The chief examiner presented the examination team's preliminary observations and findings to Mr. Baldwin and other members of the licensee management on May 17, 2001. The licensee acknowledged the observations and findings presented. No proprietary or safeguards information was identified during the exit meeting.

The chief examiner discussed the results of the examination with Mr. Parks Walker on June 6, 2001.

KEY POINTS OF CONTACT

Licensee

J. Bly, Senior Operations Instructor
G. Baldwin, Senior Operations Instructor - Exam Development Coordinator
G. Harrington, Licensing Lead

NRC

Z. Dunham, Kewaunee Resident Inspector

ITEMS OPENED, CLOSED AND DISCUSSED

Closed

50-305/200010-01(DRS)	URI	Clarification of 10 CFR 55.59(a)(2) with respect to requirement to take first operating test after receiving an NRC license.
50-305/200010-02(DRS)	URI	Clarification of 10 CFR 55.53(e) with respect to serving a combination of shifts and/or truncating after 56 hours

LIST OF ACRONYMS

ADAMS	Agency-Wide Document Access and Management System
CFR	Code of Federal Regulations
CR	Condition Report
DRS	Division of Reactor Safety
EOP	Emergency Operating Procedure
NRC	Nuclear Regulatory Commission
NRR	Office of Nuclear Reactor Regulation
PARS	Publicly Available Records
URI	Unresolved Item

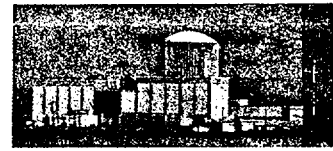
WRITTEN EXAMINATIONS AND ANSWER KEYS (RO/SRO)

RO Exam ADAMS Accession # ML011800274
SRO Exam ADAMS Accession # ML011800222



Kewaunee Nuclear Power Plant
N490, State Highway 42
Kewaunee, WI 54216-9511
920-388-2560

Operated by
Nuclear Management Company, LLC



May 23, 2001

Regional Administrator, Region III
U.S. Nuclear Regulatory Commission
801 Warrenville Road
Lisle, IL 60532-4351

Ladies/Gentlemen:

DOCKET 50-305
OPERATING LICENSE DPR-43
KEWAUNEE NUCLEAR POWER PLANT
POST-EXAMINATION REVIEW

This is to inform you we have no comments on the Reactor Operator/Senior Reactor Operator written examination administered on May 16, 2001.

If you have any questions, please contact Mr. Wyatt A. Godes at (920) 388-8779.

Sincerely,

Kyle A. Hoops
Manager - Kewaunee Plant

WAG

cc - U.S. NRC Region III
U.S. NRC Document Control Desk
U.S. NRC Senior Resident Inspector
Mr. W. P. Walker, NMC
Mr. W. A. Godes, NMC
Ms. Ann Marie Stone Region III, Examiner

MAY 29 2001



Kewaunee Nuclear Power Plant
N490, State Highway 42
Kewaunee, WI 54216-9511
920-388-2560



Operated by
Nuclear Management Company, LLC

April 20, 2001

10 CFR 55.40

Regional Administrator, Region III
U.S. Nuclear Regulatory Commission
Attn: Mr. Dell McNeil-Operator Licensing
801 Warrenville Road
Lisle, IL 60532-4351

Ladies/Gentlemen:

DOCKET 50-305
OPERATING LICENSE DPR-43
KEWAUNEE NUCLEAR POWER PLANT
EXAMINATION MATERIAL FOR KEWAUNEE NUCLEAR POWER PLANT INITIAL
LICENSING EXAMINATION WEEK OF MAY 14, 2001

- References:
1. NUREG 1021, "Operating License Examination Standard for Power Reactors," Revision 8, dated June 2000.
 2. Letter from David E. Hills (NRC) to M. Reddemann (NMC) dated February 5, 2001

In accordance with the guidelines NUREG 1021, "Operating License Examination Standard for Power Reactors," Revision 8 we are sending you the validated examination material for the initial license examinations to be administered at our facility the week of May 14, 2001. NUREG 1021 physical security requirements state that the enclosed examination materials shall be withheld from public disclosure until after the examination is complete.

You may direct any questions or comments regarding this material to Mr. George Baldwin at (920)388-8429 or Mr. Wyatt Godes at (920)388-8779.

Sincerely,

Kyle A. Hoops
for Kyle A. Hoops
Manager-Kewaunee Plant

GOR
Attachment 1 45 Day Submittal Information

cc - U.S. NRC Resident Inspector, w/o Enc.
W Godes, NMC - KNPP, w/o Enc.
G Baldwin, NMC - KNPP, w/o Enc.
P Walker, NMC - Point Beach w/o Enc.

ATTACHMENT 1

Letter from Kyle A. Hoops (NMC)

To

Regional Administrator
Region III, U.S. Nuclear Regulatory Commission
Attn: Mr. Dell McNeil

Dated April 20, 2001

45 Day Submittal Information

ES-201 Examination Outline Form Quality Checklist - ES-201-2

ES-301 Operating Exam QA Checklist Form ES-301-3

ES-301 Simulator Scenario QA Checklist Form ES-301-4

ES-301 Transient and Event Checklist Form ES-301-5

ES-301 Competencies Checklist Form ES-301-6

Operational JPMs

Administrative JPMs

Simulator Scenarios

ES-401 PWR Written Exam QA Checklist Form ES-401-7

ES-401 PWR SRO Examination Outline Form ES-401-3

ES-401 PWR RO Examination Outline Form ES-401-4

ES-401 Generic Knowledge and Abilities Outline (Tier 3) Form ES-401-5 (RO & SRO)

Justification for Revisions to RO/SRO Written Outlines

ES-401 RO & SRO Written Exam Cover Sheet Form ES-401-8

RO & SRO Written Exams

RO & SRO Written Exam Development Support Information

RO & SRO Written Exam Supplemental Handout



Kewaunee Nuclear Power Plant
N490, State Highway 42
Kewaunee, WI 54216-9511
920-388-2560



Operated by
Nuclear Management Company, LLC

February 23, 2001

10 CFR 55.40

Regional Administrator
Region III, U.S. Nuclear Regulatory Commission
Attn: Mr. Dell McNeil – Operator Licensing
801 Warrenville Road
Lisle, IL 60532-4351

Subject: Kewaunee Nuclear Power Plant
Docket 50-305
Operating License DPR-43
Examination Material for Kewaunee Nuclear Power Plant Initial Licensing
Examination Week of May 14, 2001

- References:
1. NUREG 1021, "Operating License Examination Standard for Power Reactors," Revision 8, dated June 2000.
 2. Letter from David E. Hills (NRC) to M. Reddemann (NMC) dated February 5, 2001

Mr. McNeil:

In accordance with the guidelines NUREG 1021, "Operating License Examination Standard for Power Reactors," Revision 8 we are sending you the integrated examination outlines for the initial license examinations to be administered at our facility the week of May 14, 2001.

NUREG 1021 physical security requirements state that the enclosed examination materials shall be withheld from public disclosure until after the examination is complete.

You may direct any questions or comments regarding this material to Mr. George Baldwin at (920)388-8429.

Respectfully,

Kyle A. Hoops
Manager-Kewaunee Plant

GOR

Attachment 1 75 Day Submittal Information

cc - U.S. NRC Resident Inspector, w/o Enc.
W Godes, NMC - KNPP, w/o Enc.
G Baldwin, NMC - KNPP, w/o Enc.
P Walker, NMC - Point Beach w/o Enc.

February 5, 2001

Mr. M. Reddemann
Site Vice President
Kewaunee and Point Beach Nuclear Plants
Nuclear Management Company, LLC
6610 Nuclear Road
Two Rivers, WI 54241

Dear Mr. Reddemann:

In a telephone conversation on February 1, 2001, between Mrs. A. M. Stone and Mr. G. Baldwin, arrangements were made to administer retake initial licensing examinations at the Kewaunee Nuclear Power Plant during the week of May 14, 2001. In addition, the NRC will validate the operating test at your facility during the week of May 14, 2001.

As agreed during the telephone conversation, your staff will prepare the examinations based on the guidelines in Revision 8, Supplement 1, of NUREG-1021, "Operator Licensing Examination Standards for Power Reactors." The NRC regional office will discuss with your staff any changes that might be necessary before the examinations are administered.

To meet the above schedule, it will be necessary for your staff to furnish the examination outlines by February 26, 2001. The written examinations and the supporting reference materials identified in Attachment 2 of ES-201 will be due by April 23, 2001. The operating tests with the necessary supporting reference materials will be due by April 30, 2001. Pursuant to 10 CFR Part 55.40(b)(3), an authorized representative of the facility licensee shall approve the outlines, examinations, and tests before they are submitted to the NRC for review and approval. All materials shall be complete and ready to use. Any delay in receiving the required examination and reference materials, or the submittal of inadequate or incomplete materials, may cause the examinations to be rescheduled.

In order to conduct the requested written examinations and operating tests, it will be necessary for your staff to provide adequate space and accommodations in accordance with ES-402, and to make the simulation facility available on the dates noted above. In accordance with ES-302, your staff should retain the original simulator performance data (e.g., system pressures, temperatures, and levels) generated during the dynamic operating tests until the examination results are final.

Appendix E of NUREG-1021 contains a number of NRC policies and guidelines that will be in effect while the written examinations and operating tests are being administered.

To permit timely NRC review and evaluation, your staff should submit preliminary reactor operator and senior reactor operator license applications (Office of Management and Budget (OMB) approval number 3150-0090), medical certifications (OMB approval number 3150-0024), and waiver requests (if any) (OMB approval number 3150-0090) at least 30 days before the first examination date. If the applications are not received at least 30 days before the examination date, a postponement may be necessary. Signed applications certifying that all training has been completed should be submitted at least 14 days before the first examination date.

This letter contains information collections that are subject to the *Paperwork Reduction Act of 1995* (44 U.S.C. 3501 et seq.). These information collections were approved by the Office of Management and Budget, approval number 3150-0018, which expires on April 30, 2003.

The public reporting burden for this collection is estimated to average 500 hours per response, including the time for reviewing instructions, gathering and maintaining the data needed, writing the examinations, and completing and reviewing the collection of information. Send comments on any aspect of this collection of information, including suggestions for reducing the burden, to the Information and Records Management Branch (T-6 F33), U.S. Nuclear Regulatory Commission, Washington, D.C. 20555-0001, or by Internet electronic mail at BJS1@NRC.GOV; and to the Desk Officer, Office of Information and Regulatory Affairs, NEOB-10202, (3150-0018), Office of Management and Budget, Washington, D.C. 20503.

The NRC may not conduct or sponsor, and a person is not required to respond to, a collection of information unless it displays a currently valid OMB control number.

Thank you for your cooperation in this matter. Mr. Baldwin has been advised of the policies and guidelines referenced in this letter. If you have any questions regarding the NRC's examination procedures and guidelines, please contact Mrs. A. M. Stone at 630-829-9729, or me at 630-829-9733.

Sincerely,



David E. Hills, Chief
Operations Branch
Division of Reactor Safety

Docket No. 50-305
License No. DPR-43

cc: K. Hoops, Manager, Kewaunee Plant
D. Graham, Director, Bureau of Field Operations
Chairman, Wisconsin Public Service Commission
State Liaison Officer
P. Walker, Training Department, Kewaunee
and Point Beach

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