

September 6, 1995

Duke Power Company
ATTN: Mr. T. C. McMeekin
Vice President
McGuire Site
12700 Hagers Ferry Road
Huntersville, NC 28078-8985

SUBJECT: REACTOR AND SENIOR REACTOR OPERATOR INITIAL EXAMINATION - McGUIRE
EXAMINATION REPORT NOS. 50-369/96-300 AND 50-370/96-300

Gentlemen:

In a telephone conversation on September 5, 1995, between Mr. Richard S. Baldwin and Mr. Al Lindsey, Operations Training Manager, arrangements were made for the administration of licensing examinations at the McGuire Nuclear Station during the week of January 22, 1996.

Your staff has agreed to participate in a voluntary pilot examination program in which your staff will prepare the written examinations and operating tests and submit them to the NRC regional office for evaluation and approval. Your staff will prepare the proposed examinations in accordance with the guidelines in Revision 7, Supplement 1, of NUREG-1021, "Operator Licensing Examiner Standards," Revision 5 of NUREG/BR-0122, "Examiners' Handbook for Developing Operator Licensing Written Examinations, and the attachment to this letter. The NRC regional office will discuss with your staff any examination changes that might be necessary prior to their administration.

To meet the above schedule, it will be necessary for your staff to furnish the proposed examination outlines by November 22, 1995. The proposed written examinations, operating tests, and the supporting reference materials will be due by December 22, 1995. Any delay in receiving the required reference and examination materials or the submittal of inadequate or incomplete materials may result in the examinations being 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.

ES-402, Attachment 1, and ES-302, Attachment 1, contain a number of NRC policies and guidelines that will be in effect while the written examinations and operating tests are being administered. 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.

180036

9509180223 950906
PDR ADOCK 05000369
G PDR

11
1042

Your staff should submit preliminary reactor operator and senior reactor operator license applications and waiver requests at least 30 days before the first examination date so that the NRC will be able to review the applications and the medical certifications and evaluate any requested waivers. 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 request is covered by Office of Management and Budget (OMB) Clearance Number 3150-0101, which expires April 30, 1997. The estimated average burden is 7.7 hours per response, including gathering, xeroxing, and mailing the required material. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to the Information and Records Management Branch, Mail Stop T-6 F33, Office of Information Resources Management, U.S. Nuclear Regulatory Commission, Washington, D.C. 20555; and to the Paperwork Reduction Project (3150-0101), Office of Information and Regulatory Affairs, NEOB-10202, Office of Management and Budget, Washington, D.C. 20503.

Thank you for your cooperation in this matter. Mr. Lindsey 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 Mr. Richard S. Baldwin at (404) 331-2694, or myself at (404) 331-5541.

Sincerely,

(Original signed by T. Peebles)
Thomas A. Peebles, Chief
Operations Branch
Division of Reactor Safety

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

Enclosure: Pilot Examination Guidelines

cc w/encl:
James Snyder
Regulatory Compliance
Duke Power Company
12700 Hagers Ferry Road
Huntersville, NC 28078-8985

G. A. Copp
Licensing - EC050
Duke Power Company
P. O. Box 1006
Charlotte, NC 28201-1006

cc w/encl: (see page 3)

cc w/encl:
 A. V. Carr, Esq.
 Duke Power Company
 422 South Church Street
 Charlotte, NC 28242-0001

Mr. Robert P. Gruber
 Executive Director
 Public Staff - NCUC
 P. O. Box 29520
 Raleigh, NC 27626-0520

J. Michael McGarry, III, Esq.
 Winston and Strawn
 1400 L Street, NW
 Washington, D. C. 20005

Dayne H. Brown, Director
 Division of Radiation Protection
 N. C. Department of Environment,
 Health & Natural Resources
 P. O. Box 27687
 Raleigh, NC 27611-7687

County Manager of Mecklenburg County
 720 East Fourth Street
 Charlotte, NC 28202

T. Richard Puryear
 Nuclear Technical Services Manager
 Carolinas District
 Westinghouse Electric Corporation
 2709 Water Ridge Parkway, Ste. 430
 Charlotte, NC 28217

Dr. John M. Barry, Director
 Mecklenburg County Department
 of Environmental Protection
 700 North Tryon Street
 Charlotte, NC 28203

Karen E. Long
 Assistant Attorney General
 N. C. Department of Justice
 P. O. Box 629
 Raleigh, NC 27602

Mr. A. Lindsay, Director
 McGuire Operations Training
 Training and Technology Center
 13339 Hagers Ferry Road
 Huntersville, NC 28078-8985

Distribution w/encl:
 V. Nerses, NRR
 R. Watkins, RII
 R. V. Crlenjak, RII
 G. A. Hallstrom, RII
 PUBLIC

NRC Resident Inspector
 U.S. Nuclear Regulatory Commission
 12700 Hagers Ferry Road
 Huntersville, NC 28078-8985

SEND TO PUBLIC DOCUMENT ROOM?		YES		NO					
OFFICE	RII:DRS	RII:DRS	RII:DRP	RII:DRS					
SIGNATURE	<i>RB</i>	<i>RB</i>	<i>RC</i>	<i>TP</i>					
NAME	RBaldwin:rb/sd	Acting SC/OLS	RCrlenjak	TPeebles					
DATE	09/16/95	09/16/95	09/16/95	09/16/95	09/ / 95	09/ / 95			
COPY?	YES NO	YES NO	YES NO	YES NO	YES NO	YES NO	YES NO	YES NO	YES NO

PILOT EXAMINATION GUIDELINES

Facility licensees will prepare the written examinations and operating tests (dynamic simulator and walkthrough) in accordance with the instructions in Revision 7, Supplement 1, of NUREG-1021 ("Operator Licensing Examiner Standards") and Revision 5 of NUREG/BR-0122 ("Examiners' Handbook for Developing Operator Licensing Written Examinations"), subject to the following additional criteria:

- (1) The facility licensee will prepare an integrated examination outline (written and operating test) and submit it to the NRC regional office for review, comment, and approval at least 60 days before the scheduled examination date. The NRC chief examiner will work with the facility licensee to resolve any problems and to avoid unnecessary revision of the final examination products.
- (2) Facility employees who are involved with developing the examinations and tests will sign a standard security agreement (Form ES-201-2) before they gain specific knowledge of the examinations and tests. Facility employees who played a substantial role in training the license applicants will generally not be involved in developing the license examinations or tests. If the facility licensee considers such employees necessary for developing the examinations or tests, it will define the measures it will take to ensure that the integrity of the examinations is not compromised and submit them to the NRC regional office for approval.
- (3) The written examinations and operating tests will satisfy the following specific criteria:
 - A maximum of 50 percent of the written examination questions may be taken directly from the facility question bank; up to an additional 40 percent of the questions may be taken from the facility bank but must be significantly modified; and a minimum of 10 percent of the questions will be newly developed. As discussed in NUREG/BR-0122, new questions should emphasize the applicants' understanding at the comprehension or application levels of knowledge because they have the greatest operational and discriminatory validity.
 - No more than 25 percent of the questions on the examination may be repeated from previous examinations, quizzes, or tests administered to the license applicants, or from the past two NRC license examinations at the facility. No questions may be drawn directly from the applicants' audit examination or similar testing vehicle given at the end of the training class.

Enclosure

- Each walkthrough test will include at least two job performance measures (JPMs) that are either new or significantly altered, and each simulator scenario set will include at least one new or significantly altered scenario. Other scenarios used may be drawn directly from the facility scenario bank; however, they will be altered to the degree needed to prevent the applicants from immediately recognizing the scenarios based on initial conditions or other cues.
 - A significant modification, for purposes of the written questions, means a change to the conditions in the stem and at least one distractor significantly changed. Similarly, JPMs and simulator scenarios will have at least one substantive event or condition change that alters the course of action in the JPM or scenario.
- (4) The facility licensee will submit the final written examinations and operating tests to the NRC regional office at least 30 days before the scheduled examination date. In its submittal, the facility licensee will include a history (e.g., bank, revised, new, and date last used) of each test item used on the written and operating tests.
- (5) The NRC regional office will assign a chief examiner to coordinate the review, revision (as determined necessary by the NRC), and validation of the written examinations and operating tests with the facility licensee. Additional NRC staff examiners will be assigned as necessary (typically one or two, depending on the number of applicants) to assist the chief examiner with administering and grading the operating tests in accordance with existing procedures. The facility licensee will administer and grade the written examinations; NRC examiners will review and approve the licensee's grading.