



Carolina Power & Light Company

SERIAL: NLS-85-059

MAR 14 1985

Director of Nuclear Reactor Regulation  
Attention: Mr. D. B. Vassallo, Chief  
Operating Reactors Branch No. 2  
Division of Licensing  
United States Nuclear Regulatory Commission  
Washington, DC 20555

BRUNSWICK STEAM ELECTRIC PLANT, UNIT NOS. 1 AND 2  
DOCKET NOS. 50-325 & 50-324/LICENSE NOS. DPR-71 & DPR-62  
REACTOR OPERATOR REPLACEMENT TRAINING PROGRAM

Dear Mr. Vassallo:

Carolina Power & Light Company (CP&L) submitted a copy of Training Instruction 201, Reactor Operator Replacement Training Program (referred to as TI-201) for the Brunswick Steam Electric Plant, Units 1 and 2 on October 5, 1984. During recent telephone conversations with the NRR Brunswick Project Manager, CP&L was requested to describe how the Company's program verifies the effectiveness of replacement training for each candidate. Enclosure 1 of this letter describes a summary of the various means through which the Company evaluates students enrolled in the operator replacement training program. Enclosure 2 of this letter provides a copy of the revised TI-201 for your information.

Please call Mr. R. J. Fasnacht at 919/836-7318 should you need further information.

Yours very truly,

S. R. Zimmerman  
Manager  
Nuclear Licensing Section

SRZ/WRM/pgp (1183NLU)

Enclosures (2)

cc: Dr. J. Nelson Grace (NRC-R11)  
Mr. D. O. Myers (NRC-BNP)  
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ENCLOSURE I  
REACTOR OPERATOR REPLACEMENT TRAINING PROGRAM  
STUDENT EVALUATION

The following means are used to evaluate students enrolled in the operator replacement training program.

WEEKLY EVALUATION:

A weekly examination is given on the first working day of the week. This exam covers the material given in the previous week.

SIX-WEEK EVALUATION:

After five weeks of theory instruction, the students are given a final examination that covers all the previous topics. This examination represents 25 percent of the overall average score for the six week period.

NORTH CAROLINA STATE UNIVERSITY EVALUATION:

The North Carolina State University (NCSU) PULSTAR program manager provides an individual comprehensive evaluation of each student that attends the program. These evaluations are reviewed with the student (and the student's supervisor if necessary). These evaluations relate to the ability of the student to pass the NRC exam, as well as his ability to comprehend the presented topics. A written and operating examination is also given in this program.

FINAL CLASSROOM EVALUATION:

A final comprehensive examination is given at the end of the formal classroom training period. The exam covers all the topics presented during the classroom phase (14 weeks) and is modeled after the NRC examination.

SIMULATOR PHASE EVALUATIONS:

A weekly simulator exam of short duration (usually 2 hours) is given the first working day following the previous week's simulator training. These examinations test the student's ability to comprehend procedures and to operate the controls in a competent fashion. Each student is critiqued after the examination to point out good areas of performance and the areas that need improvement.

ON-THE-JOB TRAINING EVALUATION:

This evaluation is performed by the Operations Group. Its purpose is to determine the student's ability to safely and competently operate the Brunswick Nuclear Plant.

FINAL CERTIFICATION EVALUATION:

The final certification is currently being done by an outside contractor. It consists of an NRC style written examination, simulator examination, and a plant walkthrough. A minimum score of 80 percent is required on the written examination and a satisfactory on the simulator and plant walkthrough.

The results of these examinations determine if the student will continue in the program and take the NRC examination for Reactor Operator. Examination results are evaluated for each student and weak areas are identified. Each student is counseled and reviews are conducted as required. Students that fail the examination in total are not recommended to sit for the NRC examination. Students that fail a section of the examination are counseled and reviews are conducted as required.

FINAL EVALUATION (PRIOR TO NRC EXAMINATION):

A final individual evaluation is completed for each student. The student's academic and manipulative skills are covered as well as an assessment of the student's ability to safely operate the plant and to pass the NRC examination.

ENCLOSURE 2

TI-201 Revised