



REGION II
ATLANTA, GEORGIA

Carolina Power & Light Company

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Brunswick Steam Electric Plant
P. O. Box 10429
Southport, NC 28461-0429
May 5, 1983

FILE: B09-13510
SERIAL: BSEP/83-1280

Mr. James P. O'Reilly, Administrator
U. S. Nuclear Regulatory Commission
Region II, Suite 3100
101 Marietta Street NW
Atlanta, GA 30303

BRUNSWICK STEAM ELECTRIC PLANT, UNIT NOS. 1 & 2
DOCKET NOS. 50-325 AND 50-324
LICENSE NOS. DPR-71 AND DPR-62
RESPONSE TO CONCERNS OF IE INSPECTION REPORT 50-325/83-04 AND 50-324/83-04

Dear Mr. O'Reilly:

As requested in your letter of February 7, 1983, transmitting IE Inspection Report No. 50-324/83-04 and 50-325/83-04, Carolina Power & Light Company hereby responds to the concerns identified in that report.

Concern 1:

Orientation for new hires, scheduled for four weeks, is not structured and in some cases not done. Recently, some new hires have reported to the Harris Energy Center without this orientation.

Carolina Power & Light Company's Response

Orientation for new employees is accomplished in accordance with TI-301 and Training Memorandum 900.9 to provide the employee some time with major subunits in the plant organization. However, the orientation is not a prerequisite to starting Basic Auxiliary Operator (AO) training. The referenced class included several new hires who did not complete orientation due to the short duration between the scheduled start time of the class and their employment date. These individuals will complete their orientation at a later date. Special efforts will be made to allow completion of orientation for new hires prior to starting classroom training.

Concern 2:

Plant-specific training (PST), which is scheduled for eight weeks following the Basic Auxiliary Operator course, presently is scheduled to provide training on systems in the Turbine Building only, with a very minimal coverage

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of Technical Specifications. There is presently no formal training scheduled on important Reactor Building systems such as the Emergency Core Cooling Systems (ECCS), Reactor Core Isolation Cooling (RCIC) System, and Standby Liquid Control (SLC) System, nor is important instrumentation addressed. These Reactor Building systems, although included in the on-the-job training (OJT) qualification card, are not formally taught until two years or so later when the NAO is sent to Reactor Operator training.

Carolina Power & Light Company's Response:

The formal training schedule reflects efforts between the Harris Center instructors and the plant instructors for a consistent program for auxiliary operators. The schedule did not show all the systems being taught. The schedule now has been revised to show those systems in question. Technical Specifications are included as part of systems training.

Concern 3:

The RO/SRO lesson plans or study guides utilized by the site training unit are in poor shape. The typical lesson plan binder for a particular subject is a collection of numerous documents, some of which are not related to the subject. System changes and other pertinent miscellaneous materials have been added to the binder, but not incorporated into the lesson plan. Many of the vu-graphs reviewed were of poor quality (graphically, not technically). Contrary to the above, all materials reviewed at the Harris Energy Center were of significantly better quality. It is evident that the site training unit has not taken advantage of the resources available at the Harris Energy Center.

Carolina Power & Light Company's Response:

The materials reviewed by the assessor were from the instructor's file for the specific topic, thus explaining the collection of numerous documents. The training unit agrees that although the material was not aesthetically presented, it was technically correct.

As identified in the report (paragraph 3.b), Carolina Power & Light Company has initiated a lesson plan and visual aids upgrade program for the BSEP Training Unit. Resources available at the Harris Energy Center will be used as required to complete this project.

Concern 4:

Some information provided the students is inconsistent. For example, the Core Spray System automatic initiation setpoint water level has four different values listed in four different documents (study guides, system descriptions, Technical Specifications, and operating procedures).

Mr. O'Reilly

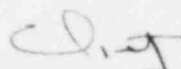
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Carolina Power & Light Company's Response:

The four setpoints referenced for the automatic initiation of core spray represent four different criteria that can be found at the plant. One value reflects the Technical Specification required setpoint; two values reflect the actual setpoint, taking into account the allowance required to accurately provide an initiation signal following an LOCA-induced, elevated drywell temperature; and another value reflected that same setpoint using the old instrument zero. Actual training material reflects the Technical Specification required setpoint with a reference made to the correction factor and why the correction factor is used.

Additional comments were made concerning the adequacy of operator training on plant modifications, the bulk of information contained in the required reading book, and the apparent inadequacy of documenting shift training attendance. As noted in the report, Operations Training Specialists have been established to provide real time seminars/instructions on plant modifications. This position will also provide required on-shift training and assurance that appropriate documentation of training is maintained and filed. Much of this on-shift training will include many items now found in the required reading book; i.e., LERs, significant events, etc. This training will allow removal of these documents from the required reading and thus reduce its bulk and improve its effectiveness.

Very truly yours,



C. R. Dietz, General Manager
Brunswick Steam Electric Plant

RMP/shb/LETSB1

cc: Mr. R. C. DeYoung
NRC Document Control Desk