



Carolina Power & Light Company

OCT 03 1984

SERIAL: NLS-84-345

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  
NUREG-0737 ITEM III.D.3.4  
CONTROL ROOM HABITABILITY

Dear Mr. Vassallo:

Carolina Power & Light Company (CP&L), by letter dated March 2, 1983 involving NUREG-0737, Item III.D.3.4, Control Room Habitability, committed to revise the existing periodic test acceptance criteria to quantify the positive pressure in the control room during operation of the control room emergency ventilation system. This procedure was revised as required. However, during performance of the periodic test on June 15, 1984, the acceptance criteria of 1/8-inch water gauge positive pressure could not be achieved. This is the first such periodic test to be performed since the test acceptance criteria was revised to address the control room positive pressure.

Although unable to achieve the 1/8-inch water gauge positive pressure, the system did demonstrate a positive pressure as required by the Brunswick Technical Specifications. Additionally, a review of the Brunswick Control Room Habitability Evaluation indicates that no credit was taken for the 1/8-inch pressure (i.e., the habitability evaluation and its conclusions are still valid), thus the control room ventilation system is considered operable pursuant to Technical Specification requirements.

The inability to achieve 1/3-inch water gauge positive pressure has been evaluated and apparently is the result of excessive outleakage from the control room area. Carolina Power & Light Company has initiated a program to identify the sources of the outleakage and to perform appropriate repairs. We presently anticipate that this program will be completed by January 15, 1985.

If you have any questions regarding this issue, please contact Mr. S. R. Zimmerman at (919) 836-6242.

Yours very truly,

A. B. Cutter - Vice President  
Nuclear Engineering & Licensing

WRM/ccc (411WRM)

cc: Mr. D. O. Myers (NRC-BNP)  
Mr. J. P. O'Reilly (NRC-RIL)  
Mr. M. Grotenhuis (NRC)

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