



Carolina Power & Light Company

MAR 10 1988

SERIAL: NLS-88-066

United States Nuclear Regulatory Commission  
ATTENTION: Document Control Desk  
Washington, DC 20555

BRUNSWICK STEAM ELECTRIC PLANT, UNIT NOS. 1 AND 2  
DOCKET NOS. 50-325 & 50-324/LICENSE NOS. DPR-71 & DPR-62  
NITROGEN PNEUMATIC SYSTEM DESIGN

Gentlemen:

On November 20, 1987, Carolina Power & Light Company (CP&L) submitted a letter to the NRC requesting concurrence with an alternative method of compliance with the provisions of Generic Letter 84-09. This alternative method consisted of replacing the normal drywell instrument air supply with a full-time pressurized nitrogen system. In a response dated December 12, 1987, the NRC found this alternative to be acceptable providing that the design for the full-time nitrogen pressurization system be submitted for review no later than eight months prior to the start of the Brunswick Unit 1, Reload 6 outage. In response to this request, CP&L hereby submits the following design information:

1. System Description for the Nitrogen Pneumatic System
2. Piping and Instrumentation Drawing No. SK-03356B-1
3. General System Arrangement No. SK-03356A-2
4. Pipe Routing Plan Inside the Reactor Building

If you have any questions concerning this matter, please contact Mr. S. D. Floyd at (919) 836-6901.

Yours very truly,

L. A. Loflin  
Manager

Nuclear Licensing Section

EKN/ekn

Enclosure

cc: Dr. J. Nelson Grace  
Mr. W. H. Ruland  
Mr. E. D. Sylvester

*Handwritten:* Add Drawings To: Reg Files  
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SYSTEM DESCRIPTION