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MAR 19 1986

Carolina Power and Light Company  
ATTN: Mr. E. E. Utley  
Senior Executive Vice President  
Power Supply and Engineering  
and Construction  
P. O. Box 1551  
Raleigh, NC 27602

Gentlemen:

SUBJECT: INSPECTION OF COMPLIANCE WITH NUREG-0800, SECTION 9.5.1, SAFE SHUTDOWN  
CAPABILITY AND ASSOCIATED FIRE PROTECTION FEATURES - HARRIS PLANT  
DOCKET NO. 50-400

This letter is to confirm the dates of May 5-9, 1986, for the special inspection of the Harris facility, which were established during the telephone conversation of March 6, 1986, between Mr. M. R. Oats, Jr., of your staff, and Mr. T. E. Conlon of this office.

The purpose of this inspection is to evaluate Harris for compliance with NUREG-0800, Section 9.5.1, Safe Shutdown Capability and associated fire protection features. This will be a team type inspection composed of personnel from the NRC Region II Office, and, based on their availability, personnel from NRC's Office of Nuclear Reactor Regulation.

In order for us to properly prepare and perform this type of comprehensive and complex inspection, we request that you provide this office with the latest revision to the following additional information by April 4, 1986:

1. Piping and instrumentation (flow) diagrams for hot standby (shutdown) and cold shutdown systems, alternative or dedicated shutdown.
2. Plant layout and equipment location drawings which identify the physical plant locations of hot standby (shutdown) and cold shutdown equipment.
3. Color coded marked-up electrical raceway drawings which identify the cable routing of power and control circuits for those plant systems necessary to achieve and maintain hot standby (shutdown).
4. Single line AC and DC power and control electrical distribution diagrams.
5. Plant layout drawings which identify fire area delineation and fire protection equipment locations.
6. Marked-up plant layout drawings which identify the locations of emergency lighting units.
7. Associated circuit analysis.

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- 8. Plant Operating Procedures which describe normal hot and cold shutdown from inside the control room, emergency hot and cold shutdown from emergency control stations outside and independent of the control room, and shutdown operations which utilize alternative or dedicated shutdown capability and natural circulation.
- 9. Fire damage control and repair procedures for cold shutdown systems.

In addition to the information requested above, copies of any other analysis and/or evaluation which demonstrate compliance to NUREG 0800, Section 9.5.1 should be available on site for review during this inspection. Appropriate personnel, knowledgeable with respect to those plant systems required for safe shutdown and their capabilities, should be available at the site during this inspection.

Your cooperation with us during this inspection will be appreciated. Should you have any questions concerning this letter, we will be glad to discuss them with you.

Sincerely,

Original Signed by  
Luis A. Reyes /for

Roger D. Walker, Director  
Division of Reactor Projects

cc: R. A. Watson, Vice President  
R. M. Parsons, Project General  
Manager  
J. L. Willis, Plant General  
Manager

bcc: Document Control Desk  
State of North Carolina  
NRC Resident Inspector  
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W. Miller, RII  
G. Wiseman, RII

RII *WMiller*  
WMiller:pj  
3/7/86

RII *TConlon*  
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3/7/86

RII *AHerdt*  
AHerdt  
3/10/86

RII *AGibson*  
AGibson  
3/10/86

RII *VPerceria*  
VPerceria  
3/9/86 & 3/17