



Carolina Power & Light Company

P. O. Box 101, New Hill, NC 27562
July 19, 1985

Dr. J. Nelson Grace
United States Nuclear Regulatory Commission
Region II
101 Marietta Street, Northwest (Suite 2900)
Atlanta, Georgia 30323

NRC-379

JUL 25 11:51

CAROLINA POWER & LIGHT COMPANY
SHEARON HARRIS NUCLEAR POWER PLANT
1986 - 900,000 KW - UNIT 1
CABLE SIZING DEFICIENCY, ITEM 207

Dear Dr. Grace:

Attached is Addendum No. 1 to the final 10CFR50.55(e); Report issued to the NRC on June 11, 1985, for the above subject deficiency. This addendum more completely addresses our corrective actions taken to resolve this item.

If you have any questions regarding this matter, please do not hesitate to contact me.

Yours very truly,

R. A. Watson
Vice President
Shearon Harris Nuclear Power Plant

RAW:sae

Attachment

cc: Messrs. G. Maxwell/R. Prevatte (NRC-SHNPP)
R. C. DeYoung (NRC)

8508140539 850719
PDR ADOCK 05000400
PDR

NBI-NRC-379/1-OS5

IE 27

SHEARON HARRIS NUCLEAR POWER PLANT
UNIT 1

CABLE SIZING DEFICIENCY

ADDENDUM NO. 1 TO FINAL REPORT - ITEM 207
ISSUED JUNE 11, 1985

JULY 19, 1985

Under Corrective Action, paragraph should be changed to read as follows:

The subject #10 AWG conductor was replaced with a #2 AWG conductor per FCR-E-4052. A review has also been conducted by Ebasco using the latest issue of the power distribution and motor data sheets (drawing 2166-B-041) to assure safety related cable sizes are suitable for the breaker rating. Administrative action has been taken to ensure closer monitoring and control of cable size design in HPES electrical. In addition, a design guideline has now been issued which requires that cable size be verified based on the feeder breaker rating, connected load and circuit length, before cable routes and sizes can be released by HPES.