

October 16, 1979

FILE: NG-3514(B)

SERIAL NO: GD-79-2598

Office of Nuclear Reactor Regulation
ATTENTION: Mr. T. A. Ippolito, Chief
Operating Reactors Branch No. 3
United States Nuclear Regulatory Commission
Washington, D.C. 20555

BRUNSWICK STEAM ELECTRIC PLANT, UNIT NOS. 1 AND 2
DOCKET NOS. 50-325 AND 50-324
LICENSE NOS. DPR-71 and DPR-62
FIRE PROTECTION

Dear Mr. Ippolito:

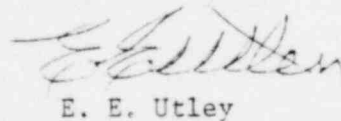
Carolina Power & Light Company (CP&L) submitted a letter dated September 11, 1979 to NRC which requested concurrence with our proposal to revise the design basis for fire protection of cables in the Diesel Generator Building, El.+2' and the Service Water Building, El.+2'.

This proposal was discussed in an October 4, 1979 telephone conversation between CP&L and an NRC fire protection reviewer. NRC and CP&L agreed that a revision to the Fire Protection SER would not be necessary since this design change does not impact the SER bases. NRC concurred with CP&L's proposal after CP&L confirmed the following: (1) sprinkler heads will be located to protect the cable from an exposure fire at the floor level, (2) where feasible, the sprinkler heads will be located at the ceiling in accordance with NFPA 13, and (3) sprinklers at lower elevations with heat collectors will be used where interferences exist.

Based on NRC's October 4, 1979 verbal authorization, CP&L is proceeding with the re-design of fire protection modifications in the buildings as described above.

As requested by NRC, CP&L will send NRC the revised design drawings after they are completed.

Yours very truly,



E. E. Utley
Executive Vice President
Power Supply & Customer Services

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