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May 9, 1980

FILE: NG3514 (B) SERIAL: NO-80-690

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

BRUNSWICK STEAM ELECTRIC PLANT UNIT NOS. 1 AND 2
DOCKET NOS. 50-325 AND 50-324
LICENSE NOS. DPR-71 AND DPR-62
SEISMIC PIPING SUPPORT MODIFICATION

Dear Mr. Ippolito:

Carolina Power & Light Company is presently implementing pipe support modifications resulting from the reanalysis and evaluation effort in accordance with our commitments to NRC-ONRR and I.E. Bulletins 79-07 and 79-14.

In our letter of July 23, 1979, we discussed the scope of our support evaluations and the modification efforts. At that time, we stated that approximately 200 support modifications per unit were identified as "long-term fixes" (supports overstressed but structual integrity maintained), and that modification work would be completed by the end of next refueling outage for each unit. Evaluations continued after the July 23 letter, and these additional evaluations, coupled with futher reviews of as-built support conditions, and a review of system overlap techniques, resulted in a total of over 300 long-term fixes being identified.

We now find that the original modification schedule identified in our July 23, 1979, letter cannot be met for the following reasons:

1. The additional modifications identified since July, 1979 have increased the scope of work required.

2. Unanticipated field interferences have adversely affected the redesign schedule and construction progress.

3. Our commitment to install T-quenchers during the current outages was confirmed after the July schedule was established and has placed an additional burden on our construction and structural engineering personnel.

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Due to the reasons stated above, we are revising our schedule for the completion of the long-term fixes as follows: All long-term fixes in areas which are inaccessible during power operation will be completed during the 1980 refueling outage for the appropriate unit. All support modifications in accessible areas on both units will be completed within ninety days of the completion of the Unit No. 1 refueling outage.

Our correspondence with you in 1979 on the seismic supports addressed both "short-term" fixes (supports which could not be guaranteed to maintain structural integrity during a DBE) and "long-term" fixes (supports which were overstressed but maintained structural integrity). At that time, arguments were presented which justified continued operation of both units. Since then, all of the "short-term" modifications have been completed and approximately 75 percent of the "long-term" modifications will be completed prior to each unit's startup. Since the majority of the modifications are completed, and the analyses indicate no loss of structural integrity in the event of a DBE, the extension of the completion schedule as outlined above has no adverse impact on the health and safety of the public.

If you have any further questions on this matter, please do not hesitate to contact my staff.

Yours very truly,

M a McDaffie

for E. E. Utley
Executive Vice President
Power Supply and Engineering & Construction

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