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 50-403 Shearon Harris Nuclear Power Plant, Unit 4, Carolina 05000403

AUTH. NAME AUTHOR AFFILIATION
 MCDUFFIE, M.A. Carolina Power & Light Co.
 RECIP. NAME RECIPIENT AFFILIATION
 VARGA, S.A. Operating Reactors Branch 1

MA/4

SUBJECT: Submits info re use of masonry walls in Category I structures at facility in response to NRC 800421 request. No Category I masonry walls have been used. No safety-related equipment is permitted to be support from walls.

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AUG 28 1980

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Carolina Power & Light Company

R. Tedesco
J. Gilson

August 15, 1980

Steven A. Varga, Acting Assistant Director
for Light Water Reactors
Division of Project Management
United States Nuclear Regulatory Commission
Washington, DC 20555

SHEARON HARRIS NUCLEAR POWER PLANT
UNIT NOS. 1, 2, 3, & 4
DOCKET NOS. 50-400, 50-401, 50-402, 50-403
CATEGORY I MASONRY WALLS

Dear Mr. Varga:

As requested in your letter of April 21, 1980, Carolina Power & Light Company (CP&L) has reviewed the use of masonry walls in Category I structures at the Shearon Harris Nuclear Power Plant (SHNPP). As a result of that review, CP&L provides the following information:

1. Masonry walls are used in Seismic Category I structures at the SHNPP; however, no Category I masonry walls have been used and no safety-related or Seismic Category I equipment or components are permitted to be supported from these walls. The masonry walls in these structures are used for stairway enclosures, elevator enclosures, shielding and knockout panels.
2. The design of the walls is based on dead load conditions.
3. CP&L is evaluating these walls against the criteria for damage of safety-related components by nonsafety items (Regulatory Guide 1.29).

CP&L believes that the above information should satisfy your concerns related to masonry walls at the SHNPP. CP&L will inform you if the evaluation with respect to Regulatory Guide 1.29 reveals any exceptions to the established criteria. If you have any questions on this subject, please contact our staff.

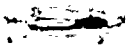
Yours very truly,

M. A. McDuffie
M. A. McDuffie
Senior Vice President
Engineering & Construction

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