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 RECIP. NAME RECIPIENT AFFILIATION
 MATTSON, R.J. *DIV. OF SYSTEMS SAFETY

SUBJECT: Informs NRC of status of const re fire protection sys. Fire water pumps are on-site. Procurement Tech Specs for fire detection on sys scheduled to be issued on 790125 & fire doors Tech Specs shortly thereafter.

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 TITLE: FIRE PROTECTION (PRIOR TO ISSUANCE OF OL).

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THE UNIVERSITY OF CHICAGO
DIVISION OF THE PHYSICAL SCIENCES
DEPARTMENT OF CHEMISTRY

RESEARCH REPORT
NO. 1000

BY
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AND
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DEPARTMENT OF CHEMISTRY
UNIVERSITY OF CHICAGO
CHICAGO, ILLINOIS

1955



Carolina Power & Light Company
January 19, 1979

Mr. Roger Mattson, Director
Division of System Safety
United States Nuclear Regulatory Commission
Washington, D. C. 20555

SHEARON HARRIS NUCLEAR POWER PLANT, UNIT NOS. 1, 2, 3, AND 4
DOCKET NOS. 50-400, 50-401, 50-402, AND 50-403
FIRE PROTECTION

Dear Mr. Mattson:

The attached letter from Mr. M. A. McDuffie to Mr. Harold R. Denton dated November 21, 1978, requested that the review of our proposed fire protection provisions for the Shearon Harris Nuclear Power Plant (SHNPP) be expedited so that construction and procurement does not proceed beyond the point where changes can be economically made.

In our meeting of December 13, 1978, you requested that we inform you of the status of construction with regard to our fire protection system. Briefly, as of January 1, 1979, the overall construction of SHNPP Unit 1 was approximately 12 percent complete with the remaining units less than one percent complete. Additionally, the procurement activity on our fire protection system is progressing to the point where changes could be costly. The fire water pumps for the system have been procured and are on-site. The procurement technical specifications for the fire detection system are scheduled to be issued for inquiry on January 25, 1979, and the procurement technical specifications for the fire doors will be issued shortly thereafter. The design of the underground piping loop and internal containment and turbine building piping has been released for fabrication. The sprinkler system procurement technical specification has been prepared by Ebasco and sent to us for final review prior to inquiry.

Again, if your staff has any reason to believe that our fire protection system as contained in the SHNPP Preliminary Safety Analysis Report (PSAR) will not meet your requirements, we request that you expedite your review in order to alleviate costly changes in our construction and procurement activity. Please let us know if there is any additional information you need to complete your review of the SHNPP fire protection evaluation.

Yours very truly,

P. W. Howe
Vice President

Technical Services Department

SDF/mf
Attachment

cc: Mr. Harold R. Denton

REGULATORY DIVISION

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