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 AUTH. NAME AUTHOR AFFILIATION  
 ZIMMERMAN, S. R. Carolina Power & Light Co.  
 RECIP. NAME RECIPIENT AFFILIATION  
 DENTON, H. R. Office of Nuclear Reactor Regulation, Director (post 851125)

SUBJECT: Forwards addl info re concrete curing at facility, in response to Structural & Geotechnical Engineering Branch questions on Amend 11 to FSAR Section 3.8A. Revised curing procedure applies to certain concrete only.

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Carolina Power & Light Company

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Yes

Mr. Harold R. Denton, Director  
Office of Nuclear Reactor Regulation  
United States Nuclear Regulatory Commission  
Washington, DC 20555

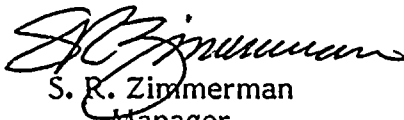
SHEARON HARRIS NUCLEAR POWER PLANT  
UNIT NO. 1 - DOCKET NO. 50-400  
CONCRETE CURING

Dear Mr. Denton:

Carolina Power & Light Company hereby submits additional information concerning concrete curing at the Shearon Harris Nuclear Power Plant. This information is submitted in response to questions from the Structural and Geotechnical Engineering Branch reviewer.

If you have any additional questions or require further information, please contact me.

Yours very truly,

  
S. R. Zimmerman  
Manager  
Nuclear Licensing Section

JHE/ccc (3046JDK)

Attachment

cc: Mr. B. C. Buckley (NRC)  
Mr. G. F. Maxwell (NRC-SHNPP)  
Dr. J. Nelson Grace (NRC-RII)  
Mr. S. B. Kim (NRC-SGEB)  
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FOB (BENAROYA)

Boo / 1/1

SHEARON HARRIS NUCLEAR POWER PLANT  
NRC STRUCTURAL AND GEOTECHNICAL ENGINEERING BRANCH  
QUESTION ON FSAR SECTION 3.8A, AMENDMENT NO. 11

In order to understand the application of the revised concrete curing procedure that was proposed by Amendment No. 11 to FSAR Section 3.8A provide the following information:

1. Does all the Category I concrete curing meet the proposed procedure?
2. Is there any structure that does not meet either the revised procedure or the original ACI procedure? If so, please identify the structure, discuss the nature of the deviation, and provide justification why such structure still meets the intended design objectives.

RESPONSE

1. Not all the Category I concrete curing meets the proposed procedure identified in FSAR Section 3.8, Appendix A. The revised curing procedure is applicable to only certain types of Category I concrete. All other types of concrete not covered by the revised curing procedure follow the curing procedure of the ACI standard.
2. There is no structure (Category I concrete) that does not meet either the revised procedure identified in FSAR Section 3.8, Appendix A or the original procedure of the ACI standard. All structures fall under one of the two procedures.



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