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 AUTH. NAME: MUDUFFIE, M.A. AUTHOR AFFILIATION: Carolina Power & Light Co.  
 RECIP. NAME: DENTON, H.R. RECIPIENT AFFILIATION: Office of Nuclear Reactor Regulation, Director

SUBJECT: Forwards responses to draft Chemical Engineering Branch SER Open Item 145 & 148 re TMI Item II.B.3. "Post-Accident Sampling Sys" & Operator training requirements for post-accident sampling sys, respectively.

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Carolina Power & Light Company

Serial: LAP-83-171

MAY 23 1983

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

SHEARON HARRIS NUCLEAR POWER PLANT  
UNIT NOS. 1 AND 2  
DOCKET NOS. 50-400 AND 50-401  
DRAFT SAFETY EVALUATION REPORT RESPONSES  
CHEMICAL ENGINEERING BRANCH

Dear Mr. Denton:

Carolina Power & Light Company (CP&L) hereby transmits one original and forty copies of responses to Shearon Harris Nuclear Power Plant Draft Safety Evaluation Report Open Items. These responses are for the Chemical Engineering Branch, and are CP&L Open Item Nos. 145 and 148.

We will be providing responses to other Open Items in the Draft Safety Evaluation Report shortly.

Yours very truly,

M. A. McDuffie  
Senior Vice President  
Engineering & Construction

JDK/kjr (6833JDK)

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OPEN ITEM 145

9.3.2.2 Post Accident Sampling System  
pg. 9-35

QUESTION

Provide plant procedures for chemical analyses after an accident. Provide accuracy, range, and sensitivity thereof. (TMI II.B.3) (Sec. 9.3.2)

RESPONSE

Preparation of the plant procedures for the chemical and radiochemical analyses of post-accident samples shall be initiated after the installation of the post-accident sampling system and shall be completed prior to fuel load. These procedures shall provide information regarding accuracy, range, and sensitivity of each radionuclide and chemical analyses. This is a confirmatory item.



OPEN ITEM 148

9.3.2.2 Post Accident Sampling System  
Pg. 9.35

QUESTION

Describe operator training requirements for Post-Accident Sampling System

RESPONSE

Information on the type of testing, the testing frequency, and the operator training requirements for the post-accident sampling system shall be provided after the installation of the system. This is a confirmatory item.