



Carolina Power & Light Company  
PO Box 165  
New Hill NC 27562

James Scarola  
Vice President  
Harris Nuclear Plant

NOV 17 2000

SERIAL: HNP-00-163  
10CFR50.90

United States Nuclear Regulatory Commission  
ATTENTION: Document Control Desk  
Washington, DC 20555

SHEARON HARRIS NUCLEAR POWER PLANT  
DOCKET NO. 50-400/LICENSE NO. NPF-63  
TECHNICAL SPECIFICATION 3/4.4.8 SPECIFIC ACTIVITY

Dear Sir or Madam:

The purpose of this letter is to document Carolina Power & Light Company's actions in response to the Westinghouse Nuclear Safety Advisory Letter, NSAL-00-004, Nonconservatism in Iodine Spiking Calculations, for the Harris Nuclear Plant (HNP). NSAL-00-004 discusses a condition in which nonconservative assumptions may have been used in the calculation of the accident-initiated iodine spiking rates in the primary coolant. Revising the nonconservative analysis assumptions will result in an increase in the equilibrium iodine appearance rates that will, in turn, result in increased doses for accidents that model the accident-initiated iodine spiking rates. The NSAL recommends recalculating the iodine appearance rates and the accident dose analyses that utilize the accident-initiated iodine spike. In addition, the NSAL recommends that an administrative control be imposed to make certain that accident analysis assumptions and Technical Specification limits are met.

Actions taken in response to NSAL-00-0004 at HNP include:

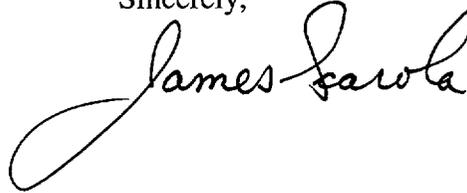
1. The guidance of NSAL-00-0004 was utilized in determining appropriate Technical Specification limits to support the HNP steam generator replacement Technical Specification amendment application which was submitted by letter dated October 4, 2000.
2. In the interim, HNP has implemented administrative controls to limit dose equivalent I-131 activity. These administrative controls are more conservative than the current HNP Technical Specification and are bounded by the change requested to Technical Specification 3/4.4.8 in the October 4, 2000 amendment application.

The actions described above have been discussed with Mr. Rich Laufer of the NRC staff.

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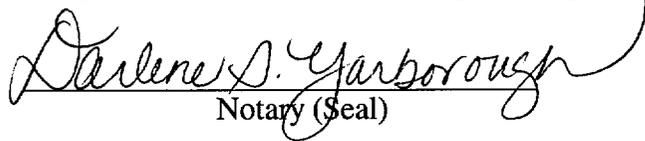
If you have any questions on this subject, please contact Mr. E. McCartney at (919) 362-2661.

Sincerely,



ONW/onw

James Scarola, having been first duly sworn, did depose and say that the information contained herein is true and correct to the best of his information, knowledge and belief, and the sources of his information are employees, contractors, and agents of Carolina Power & Light Company.



Notary (Seal)

My commission expires:

2-21-2005

- c: Mr. J. B. Brady, NRC Sr. Resident Inspector  
Mr. Mel Fry, Director, N.C. DENR  
Mr. Rich Laufer, NRC Project Manager  
Mr. L. A. Reyes, NRC Regional Administrator

