



Carolina Power & Light Company
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New Hill NC 27562

James Scarola
Vice President
Harris Nuclear Plant

MAR 16 2000

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

SERIAL: HNP-00-053

SHEARON HARRIS NUCLEAR POWER PLANT
DOCKET NO. 50-400/LICENSE NO. NPF-63
REQUEST FOR LICENSE AMENDMENT
LABORATORY TESTING OF NUCLEAR-GRADE CHARCOAL
SUPPLEMENTAL INFORMATION

Dear Sir or Madam:

On November 19, 1999, Harris Nuclear Plant (HNP) submitted a proposed license amendment for a revision to the Technical Specifications (TS). The proposed amendment revises the TS to incorporate American Society for Testing and Materials (ASTM) D3803-1989, "Standard Test Method for Nuclear-Grade Activated Carbon," as the standard for testing nuclear-grade activated charcoal. Specifically, TS 4.7.6 will be revised for the Control Room Emergency Filtration System, TS 4.7.7 will be revised for the Reactor Auxiliary Building Emergency Exhaust System, and TS 4.9.12 will be revised for the Fuel Handling Building Emergency Exhaust System. These changes are being made in accordance with NRC Generic Letter (GL) 99-02, "Laboratory Testing Of Nuclear-Grade Activated Charcoal," which was issued on June 3, 1999.

In subsequent discussions with the NRC staff, additional information was requested regarding a calculation for flow velocity of applicable charcoal beds for ventilation filtration units. The following information is provided to aid in the review of the proposed change:

Face velocity = design acfm/face area.

40 ft/min = 4000 acfm / 100 ft² for the Control Room Emergency Filtration System.
40 ft/min = 6800 acfm / 170 ft² for the Reactor Auxiliary Building Emergency Exhaust System.
40 ft/min = 6600 acfm / 165 ft² for the Fuel Handling Emergency Exhaust System.

This supplemental information does not affect the conclusions of either the 10 CFR 50.92 evaluation or the Environmental Considerations submitted as part of HNP's November 19, 1999 letter.

CP&L requests that the proposed amendment be issued such that implementation will occur within 60 days of issuance to allow time for procedure revision and orderly incorporation into copies of the Technical Specifications.

Please refer any questions regarding this submittal to Mr. J. H. Eads at (919) 362-2646.

Sincerely,

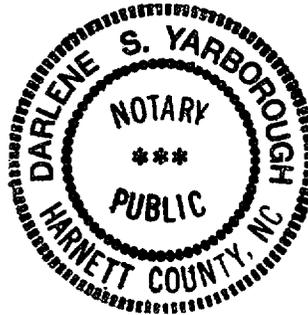
James Scarola

J. 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.

Darlene S. Yarbrough

Notary (Seal)

My commission expires: *2-21-2005*



MSE/mse

c: Mr. J. B. Brady, NRC Sr. Resident Inspector
Mr. Mel Fry, Director, NC DEHNR
Mr. R. J. Laufer, NRC Project Manager
Mr. L. A. Reyes, NRC Regional Administrator