



James Scarola  
Vice President  
Harris Nuclear Plant

JAN 28 2002

SERIAL: HNP-02-009  
10CFR50.54

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  
SUPPLEMENTAL RESPONSE TO NRC BULLETIN 2001-01, CIRCUMFERENTIAL  
CRACKING OF REACTOR PRESSURE VESSEL HEAD PENETRATION NOZZLES

Dear Sir or Madam:

By letter dated August 3, 2001, the U. S. Nuclear Regulatory Commission (NRC) issued NRC Bulletin 2001-01, "Circumferential Cracking of Reactor Pressure Vessel Head Penetration Nozzles". Carolina Power & Light Company's (CP&L) response to Bulletin 2001-01 for the Harris Nuclear Plant (HNP) was provided by letter dated September 4, 2001. In response to Item 5, CP&L stated that the requested information for HNP would be provided within 30 days after plant restart from Refueling Outage 10 (RFO10). The purpose of this letter is to provide CP&L's response to Item 5 of the requested information for HNP.

NRC Requested Information Item 5:

5. Addressees are requested to provide the following information within 30 days after plant restart following the next refueling outage:
  - a. a description of the extent of vessel head penetration nozzle leakage and cracking detected at your plant, including the number, location, size, and nature of each crack detected.
  - b. if cracking is identified, a description of the inspections (type, scope, qualification requirements, and acceptance criteria), repairs, and other corrective actions you have taken to satisfy applicable regulatory requirements. This information is requested only if there are any changes from prior information submitted in accordance with this bulletin.

P.O. Box 165  
New Hill, NC 27562

T > 919.362.2502  
F > 919.362.2095

A088

CP&L Response to Requested Information Item 5:

During RFO10, which was completed on January 3, 2002, CP&L performed a visual inspection of the accessible portions of the reactor pressure vessel head and nozzles. The inspection was performed by a qualified VT-2 inspector and in accordance with approved plant procedures. No vessel head penetration nozzle leakage or cracking was identified during the inspection.

Please refer any questions regarding this submittal to Mr. John Caves at (919) 362-3137.

Sincerely,

*James Scarola*

ONW/onw

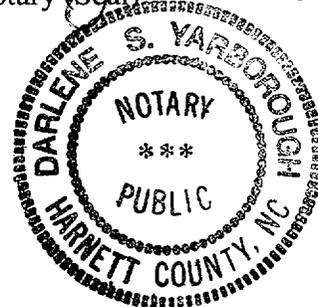
James Scarola, having been first duly sworn, did depose and say that the information contained herein is true and correct to the best of his information, knowledge and belief, and the sources of his information are employees, contractors, and agents of Carolina Power & Light Company.

*Darlene S. Yarbrough*

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. J. Goshen, NRC Project Manager  
Mr. B. S. Mallett, NRC Regional Administrator (Acting)