



NOV 5 2007

SERIAL: HNP-07-144  
10 CFR 54

U. S. Nuclear Regulatory Commission  
ATTENTION: Document Control Desk  
Washington, DC 20555

Subject: SHEARON HARRIS NUCLEAR POWER PLANT, UNIT NO. 1  
DOCKET NO. 50-400 / LICENSE NO. NPF-63

LICENSE RENEWAL APPLICATION, AMENDMENT 4:  
10 CFR PART 54.21(b) ANNUAL UPDATE

Reference: Letter from Cornelius J. Gannon to the U. S. Nuclear Regulatory Commission  
(Serial: HNP-06-136), "Application for Renewal of Operating License," dated  
November 14, 2006

Ladies and Gentlemen:

On November 14, 2006, Carolina Power & Light Company (CP&L), doing business as Progress Energy Carolinas, Inc., requested the renewal of the operating license for the Shearon Harris Nuclear Power Plant, Unit No. 1, also known as the Harris Nuclear Plant (HNP), to extend the term of its operating license an additional 20 years beyond the current expiration date.

Annually during the NRC staff review of the License Renewal Application (LRA) and at least three months before the completion of the review, CP&L is required by 10 CFR 54.21(b) to amend the LRA by identifying any change to the HNP Current Licensing Basis (CLB) that materially affects the contents of the LRA.

CP&L has completed a review of CLB changes that have occurred since the HNP LRA was submitted and has identified a change that materially affects the information in the LRA. Therefore, an amendment to the LRA has been prepared to document this change; details are provided in the enclosure. This is Amendment 4 to the LRA, previous amendments having been submitted by letters dated August 20, August 31, and September 24, 2007.

This letter does not contain any new or revised regulatory commitments.

Progress Energy Carolinas, Inc.  
Harris Nuclear Plant  
P. O. Box 165  
New Hill, NC 27562

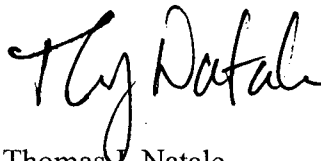
A126

MRR

Please refer any questions regarding this submittal to Mr. Roger Stewart, Supervisor - License Renewal, at (843) 857-5375.

I declare, under penalty of perjury, that the foregoing is true and correct  
(Executed on **NOV 5 2007** ).

Sincerely,



Thomas J. Natale  
Manager - Support Services  
Harris Nuclear Plant

TJN/mhf

Enclosure: Amendment 4 Changes to the License Renewal Application

c:

Mr. P. B. O'Bryan (NRC Senior Resident Inspector, HNP)  
Ms. B. O. Hall (Section Chief, N.C. DENR)  
Mr. M. L. Heath (NRC License Renewal Project Manager, HNP)  
Ms. M. G. Vaaler (NRC Project Manager, HNP)  
Dr. W. D. Travers (NRC Regional Administrator, Region II)

**Amendment 4 Changes to the License Renewal Application**

<b>Source of Change</b>	<b>License Renewal Application Amendment 4 Changes</b>
License Renewal Application (LRA) Update required by 10 CFR 54.21(b)	<p><u>Change:</u> Revise LRA Subsection 2.3.3.9 by deleting the first paragraph on Page 2.3-66.</p> <p><u>Basis:</u> An evaluation has been completed that changes the quality classification of components of the Screen Wash System located in Bay 1 of the Emergency Service Water Screening Structure from safety related to non-safety related. In addition, an evaluation determined that the Bay 1 traveling screen and associated components are not required to support operation of the Diesel Driven Fire Pump which is located in Bay 1.</p>