



AUG 08 2007

SERIAL: HNP-07-105
10 CFR 50.4

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
RESPONSE TO REQUESTS FOR ADDITIONAL INFORMATION
REGARDING THE ENVIRONMENTAL REVIEW FOR SHEARON
HARRIS NUCLEAR POWER PLANT LICENSE RENEWAL
APPLICATION (TAC NO. MD3611)

- References:
1. 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
 2. Letter from Samuel Hernandez to Robert J. Duncan II, "Requests for Additional Information Regarding the Environmental Review for Shearon Harris Nuclear Power Plant License Renewal Application (TAC No. MD3611)," dated July 12, 2007

Ladies and Gentlemen:

On November 14, 2006, Carolina Power & Light Company, now doing business as Progress Energy Carolinas, 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.

By letter dated July 12, 2007, the Nuclear Regulatory Commission provided requests for additional information (RAI) regarding the environmental review of the license renewal application. The requested information is provided in the enclosure to this letter.

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

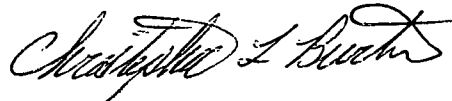
Progress Energy Carolinas, Inc.
Harris Nuclear Plant
P. O. Box 165
New Hill, NC 27562

A126

MRR

I declare, under penalty of perjury, that the foregoing is true and correct
(Executed on **AUG 08 2007**).

Sincerely,



Christopher L. Burton
Director - Site Operations
Harris Nuclear Plant

CLB/mgw

Enclosure: Response to Requests for Additional Information Regarding the Environmental
Review for Shearon Harris Nuclear Power Plant License Renewal Application

- c: Mr. P. B. O'Bryan (NRC Senior Resident Inspector, HNP) w/o Enclosure
Ms. B. O. Hall (Section Chief, N.C. DENR) w/o Enclosure
Mr. M. L. Heath (NRC License Renewal Project Manager, HNP) w/o Enclosure
Ms. L. M. Regner (NRC Project Manager, HNP) w/o Enclosure
Dr. W. D. Travers (NRC Regional Administrator, Region II) w/o Enclosure

**Response to Requests for Additional Information Regarding the
Environmental Review for Shearon Harris Nuclear Power Plant
License Renewal Application**

Request No. 1

Provide the following reference documents:

Item	Document Name	Identifier
1	List of chemicals used on the grounds of the plant and transmission line corridors including, but not limited to, pesticides and herbicides.	Binder #2
2	Information about on-site and transmission line vegetation management program plans and any plans regarding transmission lines that cross water bodies.	Binder #3
3	CP&L 1998b. Threatened and Endangered Species Self-Assessment Report. Memo. August 12.	Binder #5
4	Progress Energy. 2001. Harris Nuclear Plant 2000 Environmental Monitoring Report. Environmental Services Section, New Hill, NC. September.	Binder #7
5	Progress Energy. 2003. Harris Nuclear Plant 2002 Environmental Monitoring Report. Environmental Services Section, New Hill, NC. November.	Binder #8
6	CP&L. 1994. Harris Nuclear Power Plant 1992 Environmental Report. Environmental Services Section, New Hill, NC.	Binder #9
7	Maps showing locations of known threatened and endangered (T&E) species occurrences.	Binder #13
8	Copies of all air permits for stationary air emission sources.	Binder #20
9	CP&L's database/tracking system for non-radiological waste streams.	Binder #27
10	Copies of the Hazardous Waste permit and associated reports required by the State and a copy of the Hazardous Waste Minimization Plan.	Binder #28
11	CP&L's Waste Minimization /Pollution Prevention Plan.	Binder #29

Item	Document Name	Identifier
12	If available, the NRC staff would like to see CP&L's copy of the Hazardous Material Registration Certificate, and any Emergency Planning and Community Right to Know Act (EPCRA) reports.	Binder #31
13	Report showing the amount of non-radiological waste generated in HNP during the last five years. Non-radiological waste includes: medical, office, hazardous, universal wastes, and sanitary wastes from the treatment plant.	Binder #33
14	Letter to J. Barber from B.C. Waldrep Re: Industrial Landfill Closure.	Dated 04/19/2005
15	Letter to B.C. Waldrep from J. Barber Re: Industrial Landfill Closure.	Dated 05/25/2005
16	HNP Employee residence data Sept 2004.	Dated 09/01/2004
17	Letter from E. McCartney to Mr. Alan Klimek re: HNP 2005 Environmental Monitoring Report.	Dated 12/19/2006
18	NCDENR Underground Storage Tank Operating Permit Application.	ID-006715
19	Letter from B.C. Waldrep to Mr. K. Schuster re: NPDES #NC0039586.	Dated 02/27/2004
20	Letter from B.C. Waldrep to Mr. K. Schuster re: NPDES.	Dated 10/07/2004
21	Letter from Waldrep to Mr. K. Schuster re: Retraction of Notice of Violation.	Dated 11/17/2004
22	Letter from L. Rose to B.C. Waldrep re: Water Quality Monitoring Plan.	Dated 11/18/2004
23	Letter from B.C. Waldrep to Mr. K. Schuster re: Draft Water Quality Monitoring Plan.	Dated 08/23/2004
24	Letter from E. McCartney to Mr. K. Schuster re: Non-Discharge permit for pump and haul of wastewater.	Dated 04/11/2006
25	Letter from E. McCartney to Barry Herzberg re: Waste water pump and haul permit.	Dated 05/25/2006
26	Letter from B. C. Waldrep to Mr. K Schuster re: Overflow reporting Form.	Dated 02/23/2004
27	Letter from E. McCartney to Mr. Holley re: Erosion Control Plan for Landscaping near Harris Plant.	Dated 08/14/2005

Item	Document Name	Identifier
28	Letter from Benjamin to Corlett re: Shearon Harris Nuclear Power Plant (USFWS).	Dated 02/16/2006
29	Real Estate Department Property Environmental Due Diligence.	EVX-REDX 00002
30	Procedures for protection of cultural resources during operations and maintenance.	Binder #34
31	Reports related to original cultural resource work conducted.	Binder #36

Response No. 1

The requested information is attached.

Request No. 2

Have there been past Notice of Violations issued to HNP regarding air pollution issues during the last 5 years? If so please provide information on the violations received.

Response No. 2

A review of the air permitting and correspondence files did not reveal any evidence of Notices of Violations issued to HNP.

Request No. 3

Provide a summary compiling the annual emissions for all criteria pollutants from HNP during the last 2 years.

Response No. 3

The requested information is attached.

Request No. 4

Provide the annual amount of solid waste generated at HNP during the last 5 years.

Response No. 4

The requested information is attached.