



**James Scarola**  
Senior Vice President and Chief Nuclear Officer  
Progress Energy Carolinas, Inc.

Serial: NPD-NRC-2008-037  
September 22, 2008

U.S. Nuclear Regulatory Commission  
Attention: Document Control Desk  
Washington, D.C. 20555-0001

**Subject: Shearon Harris Nuclear Power Plant Units 2 and 3  
Docket Nos. 52-022 and 52-023  
Supplemental Information for Environmental Audit –  
Geographic Information System Data**

Reference: Letter from James Scarola (PEC) to NRC, dated February 18, 2008,  
"Application for Combined License for Shearon Harris Nuclear Power  
Plant Units 2 and 3, NRC Project Number 738"

Ladies and Gentlemen:

In the referenced letter, Progress Energy Carolinas, Inc. (PEC) submitted an application for a combined construction and operating license (COL) for Shearon Harris Nuclear Power Plant Units 2 and 3 (HAR 2 and 3) located in Wake County, North Carolina.

During July 14-17, 2008, an NRC team conducted an Environmental Audit to gather information to assist in the review of the Environmental Report (ER) submitted with the application. The purpose of this letter is to submit Geographic Information System (GIS) data requested by the NRC team during the audit.

The supplemental information contained in the files on the attached DVDs is provided to support the NRC's review of the HAR ER but does not comply with the requirements for electronic submission in NRC Guidance Document, "Guidance for Electronic Submissions to the NRC," dated November 20, 2007. The NRC staff requested the files be submitted in their native formats, required for utilization in the software employed to support the ER development.

As discussed with the NRC's environmental project manager responsible for review of the HAR ER, the data provided on the attached DVDs are of a nature that are not easily convertible to PDF output files. Furthermore, PEC understands that converting the information to PDF output files would not serve the underlying purpose of the submittal; i.e., to provide the raw, unprocessed data to enable reviewers to recreate certain figures in the HAR application.

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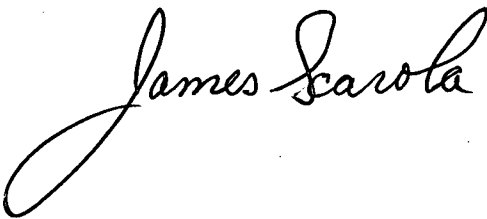
Enclosure 1 provides a list of requested data files that are included on the attached DVDs.

If you have any questions or need additional information, please contact Bob Kitchen at (919) 546-6992 or Garry Miller at (919) 546-6107.

I declare under penalty of perjury that the foregoing is true and correct.

Executed on September 22, 2008.

Sincerely,

A handwritten signature in black ink that reads "James Scarola". The signature is written in a cursive style with a large, looping initial "J".

Enclosure/Attachments

JSK

cc (w/ 2 sets of attached DVDs): Dr. Donald Palmrose, U.S. NRC Environmental  
Project Manager

cc (w/o attached DVDs): U.S. NRC Director, Office of New Reactors/NRLPO  
U.S. NRC Office of Nuclear Reactor Regulation/NRLPO  
U.S. NRC Region II, Regional Administrator  
U.S. NRC Resident Inspector, SHNPP Unit 1  
Mr. Manny Comar, Project Manager, Division of New  
Reactor Licensing

## Enclosure 1 to NPD-NRC-2008-037

### Listing of Attached DVD Discs Providing GIS Data

- Attachment 1: GIS Data – Figures Disc 1 of 1 contains all figures presented in the ER in JPEG format
- Attachment 2: GIS Data – Vector Disc 1 of 2 contains image data used to create figures in the ER as well graphical analysis
- Attachment 3: GIS Data – Vector Disc 2 of 2 contains image data used to create figures in the ER as well graphical analysis
- Attachment 4: GIS Data – Raster Disc 1 of 7 contains shapefile data used to create figures in the ER as well as graphical analysis
- Attachment 5: GIS Data – Raster Disc 2 of 7 contains shapefile data used to create figures in the ER as well as graphical analysis
- Attachment 6: GIS Data – Raster Disc 3 of 7 shapefile data used to create figures in the ER as well as graphical analysis
- Attachment 7: GIS Data – Raster Disc 4 of 7 shapefile data used to create figures in the ER as well as graphical analysis
- Attachment 8: GIS Data – Raster Disc 5 of 7 shapefile data used to create figures in the ER as well as graphical analysis
- Attachment 9: GIS Data – Raster Disc 6 of 7 shapefile data used to create figures in the ER as well as graphical analysis
- Attachment 10: GIS Data – Raster Disc 7 of 7 shapefile data used to create figures in the ER as well as graphical analysis