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

**Shearon Harris Nuclear Power Plant Units 2 and 3
Docket Nos. 52-022 and 52-023
Data for Hydrology Computer Models**

Gentlemen:

In a conference call held between Progress Energy - Carolinas (PEC) and the NRC on June 2, 2008, discussions were held regarding the NRC Hydrology audit planned for the week of August 4, 2008. As a follow up to the discussions, PEC is providing the enclosed input data files for the computer models that were used in support of the Harris COLA, FSAR Section 2.4 "Hydrologic Engineering."

These files are being provided to enable the NRC reviewer to run the computer models using the same input data as Progress Energy and confirm the results presented in the Harris COLA. The enclosed CD includes nine (9) input data files in native file format. In addition, a spreadsheet, titled "HAR FSAR 2.4 Model Input Crosswalk.xls," is included that provides an index for the contents of each of the nine calculations listed by folder on the CD.

If you have any questions or need additional information, please contact me at (919) 546-6992.

Sincerely,

A handwritten signature in black ink, appearing to read "Robert H. Kitchen".

Robert H. Kitchen
Manager, Nuclear Plant Licensing

Enclosure

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