



# Progress Energy

Serial: NPD-NRC-2012-025  
July 18, 2012

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

**SHEARON HARRIS NUCLEAR POWER PLANT, UNITS 2 AND 3  
DOCKET NOS. 52-022 AND 52-023  
SUPPLEMENTAL INFORMATION RELATED TO PROBABLE MAXIMUM PRECIPITATION  
ANALYSIS – NATIVE FILES**

Ladies and Gentlemen:

In response to a telephone request from U. S. Nuclear Regulatory Commission (NRC) staff, Progress Energy Carolinas, Inc. (PEC) hereby submits input files associated with the local probable maximum precipitation analysis performed for the Shearon Harris Nuclear Power Plant Units 2 and 3 (HAR).

The supplemental information contained in the attached native files disc is provided to support the NRC's review of the HAR Combined License Application, but does not comply with the requirements for electronic submission. The NRC staff requested the files be submitted in their native formats, required for utilization in the software employed to support the COL application development. 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 the reviewers to evaluate the analysis performed for the HAR application.

If you have any further questions, or need additional information, please contact Paul Snead at (919) 546-2836, or me at (919) 546-6992.

Sincerely,

Robert Kitchen  
Director - Licensing  
Nuclear Development

Enclosure/Attachment

cc : U.S. NRC Region II, Regional Administrator (w/o attached disc)  
U.S. NRC Resident Inspector, SHNPP Unit 1 (w/o attached disc)  
Mr. Brian Hughes, U.S. NRC Project Manager

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NPD

## **Electronic Files Contained on Attached Disc**

Input Files for Revision 2 of Calculation No. HAG-0000-X7C-044 entitled HEC-RAS Analysis for Local Probable Maximum Precipitation (PMP):

ZoneA.f01

ZoneA.g01

ZoneA.O01

ZoneA.p01

ZoneA.prj

ZoneA.r01

ZoneB.f01

ZoneB.g01

ZoneB.O01

ZoneB.p01

ZoneB.prj

ZoneB.r01