



Serial: NPD-NRC-2008-063
November 11, 2008

10CFR52.79

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
RESPONSE TO REQUEST FOR ADDITIONAL INFORMATION LETTER NO. 032 RELATED TO
INITIAL PLANT TEST PROGRAM**

Reference: Letter from Manny Comar (NRC) to James Scarola (PEC), dated October 14, 2008, "Request for Additional Information Letter No. 032 Related to SRP Section 14.02- Initial Plant Test Program for the Shearon Harris Units 2 and 3 Combined License Application"

Ladies and Gentlemen:

Progress Energy Carolinas, Inc. (PEC) hereby submits our response to the Nuclear Regulatory Commission's (NRC) request for additional information provided in the referenced letter. A response to the NRC request is addressed in the enclosure.

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

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

Executed on November 11, 2008.

Sincerely,

Garry D. Miller
General Manager
Nuclear Plant Development

Enclosure

- cc: 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, U.S. NRC Project Manager

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NRO

**Shearon Harris Nuclear Power Plant Units 2 and 3
Response to NRC Request for Additional Information Letter No. 032 Related to
SRP Section 14.02 for the Combined License Application, dated October 14, 2008**

<u>NRC RAI #</u>	<u>Progress Energy RAI #</u>	<u>Progress Energy Response</u>
14.02-1	H-0227	Response enclosed – see following pages

NRC Letter Number: HAR-RAI-LTR-032

NRC Letter Date: October 14, 2008

NRC Review of Final Safety Analysis Report

NRC RAI #: 14.02-1

Text of NRC RAI:

Regulatory Guide 1.68, Section C.1, "Criteria for selection of Plant Features to be Tested," provides the criteria for the selection of plant features to be tested during the conduct of the initial test program. Standard COL information item 14.4.5 of the Westinghouse DCD states that the COL applicant is responsible for testing that may be required of structures and systems that are outside the scope of the design certification. The Shearon Harris COL application addresses COL information item 14.4.5 and provides a test abstract for the following interfacing system: *Harris Lake Makeup Water System*. The NRC staff requests that Progress Energy confirm that all test abstracts necessary to address COL information item 14.4.5 for Shearon Harris Units 2 & 3 have been included in Section 14.2 of the Shearon Harris COL application.

PGN RAI #: H-0227

PGN Response to NRC RAI:

Progress Energy confirms that testing of the Harris Lake Makeup Water System will be performed as required to meet Section 14.2 of the COL, and there are no other test abstracts necessary.

Associated HAR COL Application Revisions:

No COLA revisions have been identified associated with this response.

Attachments / Enclosures:

None.