



Serial: NPD-NRC-2008-077.
December 12, 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. 040 RELATED TO
SYSTEM QUALITY GROUP CLASSIFICATION**

Reference: Letter from Manny Comar (NRC) to James Scarola (PEC), dated November 1, 2008, "Request for Additional Information Letter No. 040 Related to SRP Section 03.02.02 – System Quality Group Classification 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. The enclosure also identifies changes that will be made in a future revision of the Shearon Harris Nuclear Power Plant Units 2 and 3 application.

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 December 12, 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. 040 Related to
SRP Section 03.02.02 for the Combined License Application, dated November 1, 2008**

<u>NRC RAI #</u>	<u>Progress Energy RAI #</u>	<u>Progress Energy Response</u>
03.02.02-1	H-0263	Response enclosed – see following pages

NRC Letter No.: HAR-RAI-LTR-040

NRC Letter Date: November 1, 2008

NRC Review of Final Safety Analysis Report

NRC RAI NUMBER: 03.02.02-1

Text of NRC RAI:

General Design Criterion 2 states, in part, that structures, systems and components important to safety shall be designed to withstand the effects of earthquakes. FSAR Subsection 3.2.2 states there are no safety-related structures, systems or components outside the scope of the DCD.

Clarify if there are any site-specific nonsafety-related SSCs outside the scope of the DCD that are important to safety and, if so, identify the appropriate quality group classification of such SSCs.

PGN RAI ID #: H-0263

PGN Response to NRC RAI:

There are no site-specific nonsafety-related SSCs outside the scope of the DCD that are important to safety.

Associated HAR COL Application Revisions:

The following change will be made to the HAR FSAR in a future amendment:

1. Add the following sentence to the end of FSAR Subsection 3.2.2:

HAR SUP 3.2-4 "There are no site-specific nonsafety-related SSCs outside the scope of the DCD that are important to safety."

Attachments / Enclosures:

None.