



Serial: NPD-NRC-2008-078
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. 041 RELATED TO
SEISMIC AND DYNAMIC QUALIFICATION OF MECHANICAL AND ELECTRICAL EQUIPMENT**

Reference: Letter from Manny Comar (NRC) to James Scarola (PEC), dated November 1, 2008, "Request for Additional Information Letter No. 041 Related to SRP Section 03.10 – Seismic and Dynamic Qualification of Mechanical and Electrical Equipment 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 December 12, 2008.

Sincerely,

A handwritten signature in black ink that reads "Garry D. Miller".

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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**Shearon Harris Nuclear Power Plant Units 2 and 3
Response to NRC Request for Additional Information Letter No. 041 Related to
SRP Section 03.10 for the Combined License Application, dated November 1, 2008**

<u>NRC RAI #</u>	<u>Progress Energy RAI #</u>	<u>Progress Energy Response</u>
03.10-1	H-0268	Response enclosed – see following pages

NRC Letter No.: HAR-RAI-LTR-041

NRC Letter Date: November 1, 2008

NRC Review of Final Safety Analysis Report

NRC RAI NUMBER: 03.10-1

Text of NRC RAI:

The COL Applicant is requested to provide an implementation program, including milestones and completion dates with appropriate information submitted with sufficient time for staff review and approval prior to installation of the equipment, not prior to fuel loading, in accordance with Section C.I.3.10.4 of RG 1.206.

PGN RAI ID #: H-0268

PGN Response to NRC RAI:

Details of the implementation milestones for the seismic and dynamic qualification program are not currently available, and are not expected to be available until after a detailed construction schedule of the plant has been developed. Appropriate scheduling information will be provided, when available, to the NRC as necessary to support timely completion of their inspection and audit functions. Additionally, seismic and dynamic qualification is the subject of ITAAC, and 10 CFR 52.99(a) does not require that a schedule for implementing ITAAC be provided to the NRC until one year after issuance of the combined license.

Associated HAR COL Application Revisions:

No COLA revisions have been identified associated with this response.

Attachments / Enclosures:

None.