PMHarrisCOL PEmails

From: Manny Comar
Sent: Friday, September 26, 2008 9:05 AM
To: robert.kitchen@pgnmail.com; david.waters@pgnmail.com; Wilkins, Tillie
Cc: Manny Comar; HarrisCOL Resource
Subject: REQUEST FOR ADDITIONAL INFORMATION LETTER NO. 019 RELATED TO SRP SECTION 02.05.04 FOR THE HARRIS UNITS 2 AND 3 COMBINED LICENSE APPLICATION
Attachments: Harris-RAI-LTR-19.pdf

All:

Attached is the RAI letter No.19 related to SRP Section: 02.05.04 - Stability of Subsurface Materials and Foundations.

The Accession number is ML082690581.

If you have any further questions, please feel free to contact me. Thanks

Manny Comar
Senior Project Manager
NRO/DNRL/NWE1
Nuclear Regulatory Commission
301-415-3863
mailto:manny.comar@nrc.gov

Hearing Identifier: ShearonHarris_COL_Public
Email Number: 98

Mail Envelope Properties (3AF7DEF82ADA8944AD8247B7ED7FD6517BF8FE7735)

Subject: REQUEST FOR ADDITIONAL INFORMATION LETTER NO. 019 RELATED TO SRP SECTION 02.05.04 FOR THE HARRIS UNITS 2 AND 3 COMBINED LICENSE APPLICATION
Sent Date: 9/26/2008 9:05:19 AM
Received Date: 9/26/2008 9:05:22 AM
From: Manny Comar

Created By: Manny.Comar@nrc.gov

Recipients:
"Manny Comar" <Manny.Comar@nrc.gov>
Tracking Status: None
"HarrisCOL Resource" <HarrisCOL.Resource@nrc.gov>
Tracking Status: None
"robert.kitchen@pgnmail.com" <robert.kitchen@pgnmail.com>
Tracking Status: None
"david.waters@pgnmail.com" <david.waters@pgnmail.com>
Tracking Status: None
"Wilkins, Tillie" <tillie.wilkins@pgnmail.com>
Tracking Status: None

Post Office: HQCLSTR01.nrc.gov

Files	**Size**	**Date & Time**
MESSAGE	446	9/26/2008 9:05:22 AM
Harris-RAI-LTR-19.pdf	150676	

Options
Priority: Standard
Return Notification: No
Reply Requested: No
Sensitivity: Normal
Expiration Date:
Recipients Received:

HarrisRAIsPEm Resource

From: Manny Comar
Sent: Thursday, September 25, 2008 2:43 PM
To: HarrisRAIsPEm Resource
Subject: REQUEST FOR ADDITIONAL INFORMATION LETTER NO. 019 RELATED TO SRP SECTION 02.05.04 FOR THE HARRIS UNITS 2 AND 3 COMBINED LICENSE APPLICATION
Attachments: HAR-RAI-LTR-019.doc

Hearing Identifier: HarrisCOL_eRAIs
Email Number: 19

Mail Envelope Properties (3AF7DEF82ADA8944AD8247B7ED7FD6517BF8FE7270)

Subject: REQUEST FOR ADDITIONAL INFORMATION LETTER NO. 019 RELATED TO SRP SECTION 02.05.04 FOR THE HARRIS UNITS 2 AND 3 COMBINED LICENSE APPLICATION
Sent Date: 9/25/2008 2:43:28 PM
Received Date: 9/25/2008 2:43:30 PM
From: Manny Comar

Created By: Manny.Comar@nrc.gov

Recipients:
"HarrisRAIsPEm Resource" <HarrisRAIsPEm.Resource@nrc.gov>
Tracking Status: None

Post Office: HQCLSTR01.nrc.gov

Files	**Size**	**Date & Time**
MESSAGE	13	9/25/2008 2:43:30 PM
HAR-RAI-LTR-019.doc	52218	

Options
Priority: Standard
Return Notification: No
Reply Requested: No
Sensitivity: Normal
Expiration Date:
Recipients Received:

September 25, 2008

James Scarola
Senior Vice President and
Chief Nuclear Officer
PO Box 1551
411 Fayetteville Street Mall
Raleigh NC 27602

SUBJECT: REQUEST FOR ADDITIONAL INFORMATION LETTER NO. 019 RELATED TO SRP SECTION 02.05.04 FOR THE HARRIS UNITS 2 AND 3 COMBINED LICENSE APPLICATION

Dear Mr. Scarola:

By letter dated February 18, 2008, Progress Energy submitted its application to the U. S. Nuclear Regulatory Commission (NRC) for a combined license (COL) for two AP1000 advance passive pressurized water reactors pursuant to 10 CFR Part 52. The NRC staff is performing a detailed review of this application to enable the staff to reach a conclusion on the safety of the proposed application.

The NRC staff has identified that additional information is needed to continue portions of the review. The staff's request for additional information (RAI) is contained in the enclosure to this letter.

To support the review schedule, you are requested to respond within 30 days of the date of this letter. If changes are needed to the final safety analysis report, the staff requests that the RAI response include the proposed wording changes.

If you have any questions or comments concerning this matter, you may contact me at 301-415-3863.

Sincerely,

/**RA**/

Manny Comar, Lead Project Manager
AP1000 Projects Branch 1
Division of New Reactor Licensing
Office of New Reactors

Docket Nos. 52-022
52-023
ERAI Tracking No.1197

Enclosure:
Request for Additional Information

CC: see next page

If you have any questions or comments concerning this matter, you may contact me at 301-415-3863.

Sincerely,

/**RA**/

Manny Comar, Lead Project Manager
AP1000 Projects Branch 1
Division of New Reactor Licensing
Office of New Reactors

Docket Nos. 52-022
52-023
ERAI Tracking No. 1197

Enclosure:
Request for Additional Information

Distribution:

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NRO-002

OFFICE	RHEB/BC	NWE1/PM	OGC	NWE1/L-PM
NAME	RKaras*	MComar*	SBrock*	MComar*
DATE	9/5/08	9/10/08	9/15/08	9/25/08

*Approval captured electronically in the electronic RAI system.

OFFICIAL RECORD COPY

Request for Additional Information No. 1197

9/25/2008
Shearon Harris
Progress Energy Carolinas, Inc.
Docket No. 52-022 and 52-023
SRP Section: 02.05.04 - Stability of Subsurface Materials and Foundations
Application Section: 2.5.4.4.1.7

QUESTIONS for Geosciences and Geotechnical Engineering Branch 1 (RGS1)

02.05.04-1
In Section 2.5.4.4.1.7, you stated that "Upon review of the MASW survey results, Vs interpreted by this method are not consistent with results from other methods, and the method is not considered representative of the HAR 2 and HAR 3 subsurface materials. The MASW results are therefore not further considered in this FSAR". Please provide a detailed assessment of why the results obtained by this method should not be considered representative of the subsurface structures beneath the nuclear islands. Explain apparent problems that might have occurred during data collection and/or data processing.

02.05.04-2
Please provide a copy of Reference 2.5.4-229 detailing the multi-channel analysis of surface wave (MASW) site investigation results for the staff to be able to provide an independent evaluation of the procedures and results obtained by this method.