HarrisRAIsPEm Resource

From: Manny Comar
Sent: Wednesday, August 13, 2008 9:03 AM
To: HarrisRAIsPEm Resource
Subject: REQUEST FOR ADDITIONAL INFORMATION LETTER NO. 003 RELATED TO SRP SECTION 02.03.04 FOR THE HARRIS UNITS 2 AND 3 COMBINED LICENSE APPLICATION
Attachments: HAR-RAI-LTR-003.doc

Hearing Identifier: HarrisCOL_eRAIs
Email Number: 3

Mail Envelope Properties (3AF7DEF82ADA8944AD8247B7ED7FD65169818FCC43)

Subject: REQUEST FOR ADDITIONAL INFORMATION LETTER NO. 003 RELATED TO SRP SECTION 02.03.04 FOR THE HARRIS UNITS 2 AND 3 COMBINED LICENSE APPLICATION
Sent Date: 8/13/2008 9:02:49 AM
Received Date: 8/13/2008 9:02:51 AM
From: Manny Comar

Created By: Manny.Comar@nrc.gov

Recipients:
"HarrisRAIsPEm Resource" <HarrisRAIsPEm.Resource@nrc.gov>
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Files	**Size**	**Date & Time**
MESSAGE	13	8/13/2008 9:02:51 AM
HAR-RAI-LTR-003.doc	51194	

Options
Priority: Standard
Return Notification: No
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Recipients Received:

August 13, 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. 003 RELATED TO SRP SECTION 02.03.04 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

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. 494

Enclosure:
Request for Additional Information

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NRO-002

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NAME	CCox*	MComar*	SBrock*	MComar*
DATE	6/17/08	7/11/08	7/11/08	7/31/08

*Approval captured electronically in the electronic RAI system.

OFFICIAL RECORD COPY

Shearon Harris
Progress Energy Carolinas, Inc.
Docket No. 52-022 and 52-023

SRP Section: 02.03.04 - Short Term Atmospheric Dispersion Estimates for Accident Releases
Application Section: 2.3.4

QUESTIONS from Siting and Accident Consequence Branch (RSAC)

02.03.04-1
Please ensure that the control room ground-level containment X/Q values for the HVAC intake and control room door receptors, as presented in FSAR Table 2.3.4-206, are listed correctly. An independent calculation by the staff showed that the control room ground-level containment X/Q values for the HVAC intake and control room door receptors varied more than 60% than those stated. Please revise these numbers to show correct values or provide justification for the numbers.

02.03.04-2
Please include a footnote, similar to the AP1000, Rev. 16, DCD Table 15-A6, in either FSAR Table 2.3.4-206 or FSAR Table 2.3.4-207 clarifying why the Plant Vent / PCS Air Diffuser release points were listed, but no X/Q values were presented.

02.03.04-3
Please confirm in FSAR Section 2.3.4.4 that a ground-level release assumption was used for each release / receptor combination.