

PMHarrisCOL PEmails

From: Manny Comar
Sent: Tuesday, February 03, 2009 3:55 PM
To: HarrisRAIsPEm Resource
Cc: HarrisCOL Resource; Manny Comar
Subject: REQUEST FOR ADDITIONAL INFORMATION LETTER NO. 055 RELATED TO SRP
SECTION 02.03.04 FOR THE SHEARON HARRIS UNITS 2 AND 3 COMBINED LICENSE
APPLICATION
Attachments: HAR-RAI-LTR-055.doc

Hearing Identifier: ShearonHarris_COL_Public
Email Number: 367

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Subject: REQUEST FOR ADDITIONAL INFORMATION LETTER NO. 055 RELATED TO
SRP SECTION 02.03.04 FOR THE SHEARON HARRIS UNITS 2 AND 3 COMBINED LICENSE
APPLICATION

Sent Date: 2/3/2009 3:54:53 PM

Received Date: 2/3/2009 3:54:53 PM

From: Manny Comar

Created By: Manny.Comar@nrc.gov

Recipients:

"HarrisCOL Resource" <HarrisCOL.Resource@nrc.gov>

Tracking Status: None

"Manny Comar" <Manny.Comar@nrc.gov>

Tracking Status: None

"HarrisRAIsPEm Resource" <HarrisRAIsPEm.Resource@nrc.gov>

Tracking Status: None

Post Office: HQCLSTR01.nrc.gov

Files	Size	Date & Time
MESSAGE	13	2/3/2009 3:54:53 PM
HAR-RAI-LTR-055.doc	51194	

Options

Priority: Standard

Return Notification: No

Reply Requested: No

Sensitivity: Normal

Expiration Date:

Recipients Received:

February 3, 2009

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. 055 RELATED TO
SRP SECTION 02.03.04- SHORT TERM ATMOSPHERIC DISPERSION
ESTIMATE FOR ACCIDENT RELEASE FOR THE SHEARON 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. 1808

Enclosure:
Request for Additional Information

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NRO-002

OFFICE	CQVP/BC	NWE1/PM	OGC	NWE1/L-PM
NAME	CCox*	MComar*	SBrock*	MComar*
DATE	12/19/08	12/30/08	1/23/09	1/28/09

*Approval captured electronically in the electronic RAI system.

OFFICIAL RECORD COPY

Request for Additional Information No. 1808

2/3/2009

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: 2.3.4.4 Control Room Diffusion Estimates

QUESTIONS from Siting and Accident Conseq Branch (RSAC)

02.03.04-4

FSAR Section 2.3.4.4 states that "Plant north is given as 25 degrees counterclockwise." From viewing FSAR Figure 2.1.1-203, it appears that the rotation of the plant is approximately 66 degrees clockwise. Please either correct this error or provide justification for the difference between the statement and the FSAR figure.