

PMHarrisCOL PEmails

From: Brian Anderson
Sent: Tuesday, November 25, 2008 10:38 AM
To: robert.kitchen@pgnmail.com; david.waters@pgnmail.com; tillie.wilkins@pgnmail.com; PMHarrisCOL PEmails
Cc: Manny Comar; Brian Anderson
Subject: REQUEST FOR ADDITIONAL INFORMATION LETTER NO. 051 RELATED TO SRP SECTION 10.4.6 FOR THE SHEARON HARRIS UNITS 2 AND 3 COMBINED LICENSE APPLICATION
Attachments: HAR RAI 051 - ML083300146.pdf
Importance: High

Attached is RAI Letter No. 051 related to SRP Section 10.4.6 for the Shearon Harris Units 2 and 3 combined license application. The ADAMS Accession number is ML083300146.

Brian Anderson
301-415-9967
Project Manager, AP1000 Projects Branch 1
Office of New Reactors
U.S. Nuclear Regulatory Commission

Hearing Identifier: ShearonHarris_COL_Public
Email Number: 243

Mail Envelope Properties (CB87FC66F95637428C5E0D066E756B6F93F2CDD375)

Subject: REQUEST FOR ADDITIONAL INFORMATION LETTER NO. 051 RELATED TO
SRP SECTION 10.4.6 FOR THE SHEARON HARRIS UNITS 2 AND 3 COMBINED LICENSE
APPLICATION

Sent Date: 11/25/2008 10:37:52 AM

Received Date: 11/25/2008 10:38:00 AM

From: Brian Anderson

Created By: Brian.Anderson@nrc.gov

Recipients:

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

Tracking Status: None

"Brian Anderson" <Brian.Anderson@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

"tillie.wilkins@pgnmail.com" <tillie.wilkins@pgnmail.com>

Tracking Status: None

"PMHarrisCOL PEmails" <PMHarrisCOL.PEmails@nrc.gov>

Tracking Status: None

Post Office: HQCLSTR01.nrc.gov

Files	Size	Date & Time
MESSAGE	325	11/25/2008 10:38:00 AM
HAR RAI 051 - ML083300146.pdf		139643

Options

Priority: High

Return Notification: No

Reply Requested: No

Sensitivity: Normal

Expiration Date:

Recipients Received:

HarrisRAIsPEm Resource

From: Brian Anderson
Sent: Tuesday, November 25, 2008 10:02 AM
To: HarrisRAIsPEm Resource
Subject: REQUEST FOR ADDITIONAL INFORMATION LETTER NO. 051 RELATED TO SRP SECTION 10.4.6 FOR THE SHEARON HARRIS UNITS 2 AND 3 COMBINED LICENSE APPLICATION
Attachments: HAR-RAI-LTR-051.doc
Importance: High

Hearing Identifier: HarrisCOL_eRAIs
Email Number: 54

Mail Envelope Properties (CB87FC66F95637428C5E0D066E756B6F93F2CDD326)

Subject: REQUEST FOR ADDITIONAL INFORMATION LETTER NO. 051 RELATED TO
SRP SECTION 10.4.6 FOR THE SHEARON HARRIS UNITS 2 AND 3 COMBINED LICENSE
APPLICATION

Sent Date: 11/25/2008 10:01:46 AM

Received Date: 11/25/2008 10:01:52 AM

From: Brian Anderson

Created By: Brian.Anderson@nrc.gov

Recipients:

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

Tracking Status: None

Post Office: HQCLSTR01.nrc.gov

Files	Size	Date & Time
MESSAGE	3	11/25/2008 10:01:52 AM
HAR-RAI-LTR-051.doc	49658	

Options

Priority: High

Return Notification: No

Reply Requested: No

Sensitivity: Normal

Expiration Date:

Recipients Received:

November 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. 051 RELATED TO
SRP SECTION 10.4.6 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 advanced 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 301-415-9967 or you may contact Manny Comar, the lead project manager for the Harris combined license at 301-415-3863.

Sincerely,

/RA/

Brian C. Anderson, Project Manager
AP1000 Projects Branch 1
Division of New Reactor Licensing
Office of New Reactors

Docket Nos. 52-022
52-023

eRAI Tracking No. 1680

Enclosure:
Request for Additional Information

CC: see next page

If you have any questions or comments concerning this matter, you may contact me at 301-415-9967 or you may contact Manny Comar, the lead project manager for the Harris combined license at 301-415-3863.

Sincerely,

/RA/

Brian C. Anderson, Project Manager
AP1000 Projects Branch 1
Division of New Reactor Licensing
Office of New Reactors

Docket Nos. 52-022
52-023

eRAI Tracking No. 1680

Enclosure:
Request for Additional Information

Distribution:

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RidsNroLAKGoldstein	TSimms	DTerao
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RidsAcrsAcnwMailCenter	MComar	
RidsRgn2MailCenter	RJoshi	
RidsNroDnrlNwe2	SBrock	

NRO-002

OFFICE	CIB1/BC	NWE1/PM	OGC	NWE1/L-PM
NAME	DTerao*	BAnderson*	SBrock*	MComar*
DATE	11/19/08	11/19/08	11/24/08	11/25/08

*Approval captured electronically in the electronic RAI system.

OFFICIAL RECORD COPY

**Request for Additional Information
Shearon Harris, Units 2 and 3
Progress Energy Carolinas, Inc.
Docket No. 52-022 and 52-023
SRP Section: 10.04.06 - Condensate Cleanup System
Application Section: 10.4.6**

**QUESTIONS for Component Integrity, Performance, and Testing Branch 1 (AP1000/EPR
Projects) (CIB1)**

10.04.06-1

The COL information item resolution in Section 10.4.7.2.1 of the HAR COL (HAR COL 10.4-2) identifies carbohydride as an oxygen scavenger agent which may be used in place of hydrazine. The staff requests that the applicant clarify whether the intent was to identify carbohydrazide as the alternative oxygen scavenger, since carbohydrazide is commonly used as an oxygen scavenger, while carbohydride is simply a synonym for hydrocarbon.