

PMHarrisCOL PEmails

From: Sujata Goetz
Sent: Thursday, October 16, 2008 8:52 AM
To: David Waters; robert. kitchen@pgnmail. com; tillie.wilkins@pgnmail.com
Cc: HarrisCOL Resource
Subject: RAI letter 029 related to SRP 1.0 for Harris units 2 and 3
Attachments: HAR-RAI-LTR-029.pdf

Attached is the RAI letter 29 related to SRP 1.0 for Harris Units 2 and 3. Accession number is ML082900071.

Sujata Goetz
Project Manager
AP 1000 Projects Branch 1
Divison of New Licensing
Nuclear Regulatory Commission

(v) 301.415.8004
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Hearing Identifier: ShearonHarris_COL_Public
Email Number: 224

Mail Envelope Properties (83F82891AF9D774FBBB39974B6CB134F75768C6C16)

Subject: RAI letter 029 related to SRP 1.0 for Harris units 2 and 3
Sent Date: 10/16/2008 8:51:51 AM
Received Date: 10/16/2008 8:51:51 AM
From: Sujata Goetz

Created By: Sujata.Goetz@nrc.gov

Recipients:

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

Tracking Status: None

"David Waters" <David.waters@pgnmail.com>

Tracking Status: None

"robert. kitchen@pgnmail. com" <robert.kitchen@pgnmail.com>

Tracking Status: None

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

Tracking Status: None

Post Office: HQCLSTR01.nrc.gov

Files	Size	Date & Time
MESSAGE	290	10/16/2008 8:51:51 AM
HAR-RAI-LTR-029.pdf	127137	

Options

Priority: Standard

Return Notification: No

Reply Requested: No

Sensitivity: Normal

Expiration Date:

Recipients Received:

HarrisRAIsPEm Resource

From: Sujata Goetz
Sent: Thursday, October 16, 2008 8:25 AM
To: HarrisRAIsPEm Resource
Subject: REQUEST FOR ADDITIONAL INFORMATION LETTER NO. 029 RELATED TO PART 1
GENERAL AND FINANCIAL INFORMATION OF THE SHEARON HARRIS UNITS 2 AND 3
COMBINED LICENSE APPLICATION
Attachments: HAR-RAI-LTR-029.doc

Hearing Identifier: HarrisCOL_eRAIs
Email Number: 32

Mail Envelope Properties (83F82891AF9D774FB39974B6CB134F75768C6BAA)

Subject: REQUEST FOR ADDITIONAL INFORMATION LETTER NO. 029 RELATED TO
PART 1 GENERAL AND FINANCIAL INFORMATION OF THE SHEARON HARRIS UNITS 2 AND 3
COMBINED LICENSE APPLICATION

Sent Date: 10/16/2008 8:25:23 AM

Received Date: 10/16/2008 8:25:24 AM

From: Sujata Goetz

Created By: Sujata.Goetz@nrc.gov

Recipients:

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

Tracking Status: None

Post Office: HQCLSTR01.nrc.gov

Files	Size	Date & Time
MESSAGE	8	10/16/2008 8:25:24 AM
HAR-RAI-LTR-029.doc	51706	

Options

Priority: Standard

Return Notification: No

Reply Requested: No

Sensitivity: Normal

Expiration Date:

Recipients Received:

October 16, 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. 029 RELATED TO
PART 1 GENERAL AND FINANCIAL INFORMATION OF 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 301-415-8004 or you may contact Manny Comar, the lead project manager for the Harris combined license at 301-415-3863.

Sincerely,

/RA/

Sujata Goetz, 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 301-415-8004 or you may contact Manny Comar, the lead project manager for the Harris combined license at 301-415-3863.

Sincerely,

/RA/

Sujata Goetz, Project Manager
AP1000 Projects Branch 1
Division of New Reactor Licensing
Office of New Reactors

Docket Nos. 52-022
52-023

ERAI Tracking No. 1352

Enclosure:
Request for Additional Information

Distribution:

Public	BHughes	SGoetz
RidsNroDnrlNwe1	SCoffin	MComar
RidsNroLAKGoldstein	TSimms	SBrock
RidsOgcMailCenter	BAnderson	RUleck
RidsAcrsAcnwMailCenter	RidsRgn2MailCenter	

NRO-002

OFFICE	CHPB/BC	NWE1/PM	OGC	NWE1/L-PM
NAME	SCoffin *	SGoetz*	SBrock*	MComar*
DATE	9/26/08	9/26/08	9/29/08	10/01/08

*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: 01 - Introduction and Interfaces
Application Section: Part 1 General and Financial Information

QUESTIONS from AP1000 Projects Branch 1 (NWE1)

01-1

The application states that the construction cost estimate is derived from the HAR Total Project Cost Analysis Spreadsheet, which was developed "...based on the best available information from internal and external sources for all aspects of plant costs." As required by Appendix C, I.A.1 to 10 CFR 50, the cost estimate must be accompanied by a statement describing the bases from which the estimate is derived. The application only identifies the bases as "internal and external sources," but does not identify those sources. Therefore, please identify the specific sources of information used as the bases from which the construction cost estimates for HAR 2 and 3 are derived (e.g., a vendor cost estimate on the AP1000 certified design, an industry or independent university cost study on the AP1000, or a construction cost estimate of AP1000 units on other sites).

01-2

The application states that "...based on historical cost recovery outcomes, [the applicant] expect[s] that PEC will be allowed to recover all prudently incurred costs related to this project." Section I.A.2 of Appendix C to Part 50 requires all applicants who are established entities to include a brief statement of their general financial plan for financing the cost of the facility. Although the applicant stated that its historical ability to recover costs for HAR 2 and 3 through rates authorized by a public utility commission or other regulatory body is viewed positively by investors, the application does not describe such historical conditions or provide any references, such as State statutes or ratemaking cases, that support the premise that all prudently incurred construction costs will be recovered through the State regulatory process. Therefore, for the staff to fully understand how recovery of construction costs from ratepayers through the ratemaking process may affect the applicant's ability to fund construction of HAR 2 and 3, please describe the regulatory framework applicable to the recovery of all prudently incurred construction costs, and provide documentation that corroborates the applicant's representations on recovery of construction costs (e.g., such as State statutes, regulations, orders or decisions).