

HarrisRAIsPEm Resource

From: Simms, Tanya
Sent: Friday, September 18, 2009 12:39 PM
To: HarrisRAIsPEm Resource
Subject: Request for Additional Information Letter No. 067 Related To SRP Section 08.02 for the Harris Units 2 and 3 Combined License Application
Attachments: HAR-RAI-LTR-067.doc

Hearing Identifier: HarrisCOL_eRAIs
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Subject: Request for Additional Information Letter No. 067 Related To SRP Section 08.02
for the Harris Units 2 and 3 Combined License Application
Sent Date: 9/18/2009 12:38:59 PM
Received Date: 9/18/2009 12:38:59 PM
From: Simms, Tanya

Created By: Tanya.Simms@nrc.gov

Recipients:
"HarrisRAIsPEm Resource" <HarrisRAIsPEm.Resource@nrc.gov>
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Reply Requested: No
Sensitivity: Normal
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September 18, 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. 067 RELATED TO
SRP SECTION 08.02 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 301-415-1387 or you may contact Manny Comar, the lead project manager for the Harris combined license at 301-415-3863.

Sincerely,

/RA/

Tanya Simms, 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 301-415-1387 or you may contact Manny Comar, the lead project manager for the Harris combined license at 301-415-3863.

Sincerely,

/RA/

Tanya Simms, Project Manager
AP1000 Projects Branch 1
Division of New Reactor Licensing
Office of New Reactors

Docket Nos. 52-022
52-023
ERAI Tracking No. 3336

Enclosure:
Request for Additional Information

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NAME	RJenkins *	TSimms*	SKirkwood*	MComar*
DATE	7/17/09	7/17/09	8/20/09	9/18/09

*Approval captured electronically in the electronic RAI system.

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Request for Additional Information No. 3336 Revision 0
Shearon Harris
Progress Energy Carolinas, Inc.
Docket No. 52-022 and 52-023
SRP Section: 08.02 - Offsite Power System
Application Section: 8.2

QUESTION from Electrical Engineering Branch (EEB)

08.02-18

Table 1.8-1 of the AP1000 design certification provides an interface item that states "the protective devices controlling the switchyard breakers are set with consideration given to preserving the plant grid communication following a turbine trip." This is to ensure that RCP bus voltage stays above the voltage required to maintain the flow assumed in the DCD Tier 2, Chapter 15 analyses for a minimum of 3 seconds following a turbine trip. Provide a reference to where this issue is discussed in the Harris application, or provide a proposed revision to the application to address the issue.