LeeRAIsPEm Resource

From: Simms, Tanya
Sent: Tuesday, July 21, 2009 5:18 PM
To: LeeRAIsPEm Resource
Subject: Request for Additional Information Letter No. 074 Related to SRP Section 08.02 for the William States Lee III Units 1 and 2 Combined License Application
Attachments: LEE-RAI-LTR-074.doc

Hearing Identifier: Lee_COL_RAI
Email Number: 87

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Subject: Request for Additional Information Letter No. 074 Related to SRP Section 08.02 for the William States Lee III Units 1 and 2 Combined License Application
Sent Date: 7/21/2009 5:18:15 PM
Received Date: 7/21/2009 5:18:16 PM
From: Simms, Tanya

Created By: Tanya.Simms@nrc.gov

Recipients:
"LeeRAIsPEm Resource" <LeeRAIsPEm.Resource@nrc.gov>
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Options
Priority: Standard
Return Notification: No
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July 21, 2009

Mr. Peter S. Hastings, P.E.
Licensing Manager, Nuclear Plant Development
Duke Energy
526 South Church Street
Charlotte, NC 28201-1006

SUBJECT: REQUEST FOR ADDITIONAL INFORMATION LETTER NO. 074 RELATED TO SRP SECTION 08.02 FOR THE WILLIAM STATES LEE III UNITS 1 AND 2 COMBINED LICENSE APPLICATION

Dear Mr. Hastings:

By letter dated December 12, 2007, as supplemented by letters dated January 28, 2008, February 6, 2008 and February 8, 2008, Duke 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 Brian Hughes, the lead project manager for the William States Lee III combined license at 301-415-6582.

Sincerely,

/**RA**/

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

Docket Nos. 52-018
52-019

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 Brian Hughes, the lead project manager for the William States Lee III combined license at 301-415-6582.

Sincerely,

/**RA**/

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

Docket Nos. 52-018
52-019

eRAI Tracking No. 3337
Enclosure:
Request for Additional Information

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NAME	RJenkins*	TSimms*	MSpencer*	BHughes*
DATE	7/17/09	7/17/09	7/20/09	7/21/09

*Approval captured electronically in the electronic RAI system.

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Request for Additional Information No. 3337 Revision 0
William States Lee III, Units 1 and 2
Duke Energy Carolinas, LLC
Docket No. 52-018 and 52-019
SRP Section: 08.02 - Offsite Power System
Application Section: 8.2

QUESTION from Electrical Engineering Branch (EEB)

08.02-9

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 connection 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 Lee application, or provide a proposed revision to the application to address the issue.