

LeeRAIsPEm Resource

From: Simms, Tanya
Sent: Monday, March 29, 2010 9:03 AM
To: LeeRAIsPEm Resource
Subject: Request for Additional Information Letter No. 089 Related to SRP Section 09.03.03 for the William States Lee III Units 1 and 2 Combined License Application
Attachments: LEE-RAI-LTR-089.doc

Hearing Identifier: Lee_COL_RAI
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Subject: Request for Additional Information Letter No. 089 Related to SRP Section 09.03.03 for the William States Lee III Units 1 and 2 Combined License Application
Sent Date: 3/29/2010 9:02:31 AM
Received Date: 3/29/2010 9:02:31 AM
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
Reply Requested: Yes
Sensitivity: Normal
Expiration Date:
Recipients Received:

March 29, 2010

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. 089 RELATED TO
SRP SECTION 09.03.03 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. 4507
Enclosure:
Request for Additional Information

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NAME	JSegala*	TSimms*	BHughes*
DATE	3/15/10	3/15/10	3/29/10

*Approval captured electronically in the electronic RAI system.

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Request for Additional Information No. 4507 Revision 0
William States Lee III, Units 1 and 2
Duke Energy Carolinas, LLC
Docket No. 52-018 and 52-019
SRP Section: 09.03.03 - Equipment and Floor Drainage System
Application Section: 9.2.9

QUESTION from Balance of Plant Branch 1 (SBPA)

09.03.03-1

In AP1000 DCD, Revision 15, the waste water retention basin design features were included as part of the AP1000 certified design. In Revision 16, Westinghouse removed the waste water retention basin from the DCD and identified it as COL Information Item 9.2.11.2, "Waste Water Retention Basins."

In order to meet GDC 60, applicant should demonstrate suitable control of the release of radioactive materials in liquid effluent. Provide a discussion on whether all site-specific potentially radioactive effluents draining into and downstream of the water basin will be monitored prior to disposition. Provide justification for not providing water level instrumentation and radiation monitoring in the wastewater retention basin and blowdown sump.

Verify that all site-specific potentially radioactive effluents will be monitored prior to disposition. Or provide a justification for why this information is not necessary. Update FSAR accordingly.