

LeeRAIsPEm Resource

From: Ravindra Joshi
Sent: Friday, October 17, 2008 7:20 AM
To: LeeRAIsPEm Resource
Subject: REQUEST FOR ADDITIONAL INFORMATION LETTER NO. 039 RELATED TO SRP
SECTION 15.00.03 FOR THE WILLIAM STATES LEE III UNITS 1 AND 2 COMBINED
LICENSE APPLICATION
Attachments: LEE-RAI-LTR-039.doc

Hearing Identifier: Lee_COL_RAI
Email Number: 46

Mail Envelope Properties (CEE97CC21430049B821E684512F6E5EAA306CB870)

Subject: REQUEST FOR ADDITIONAL INFORMATION LETTER NO. 039 RELATED TO
SRP SECTION 15.00.03 FOR THE WILLIAM STATES LEE III UNITS 1 AND 2 COMBINED LICENSE
APPLICATION

Sent Date: 10/17/2008 7:19:38 AM

Received Date: 10/17/2008 7:19:40 AM

From: Ravindra Joshi

Created By: Ravindra.Joshi@nrc.gov

Recipients:

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

Tracking Status: None

Post Office: HQCLSTR01.nrc.gov

Files	Size	Date & Time
MESSAGE	3	10/17/2008 7:19:40 AM
LEE-RAI-LTR-039.doc	49146	

Options

Priority: Standard

Return Notification: No

Reply Requested: No

Sensitivity: Normal

Expiration Date:

Recipients Received:

October 17, 2008

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. 039 RELATED TO
SRP SECTION 15.00.03 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 301-415-6191 or you may contact Brian Hughes, the lead project manager for the William States Lee III combined license at 301-415-6582.

Sincerely,

/RA/

Ravindra G. Joshi, 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 301-415-6191 or you may contact Brian Hughes, the lead project manager for the William States Lee III combined license at 301-415-6582.

Sincerely,

/RA/

Ravindra G. Joshi, Project Manager
AP1000 Projects Branch 1
Division of New Reactor Licensing
Office of New Reactors

Docket Nos. 52-018
52-019

eRAI Tracking Nos. 1257

Enclosure:
Request for Additional Information

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NRO-002

OFFICE	RSAC/BC	NWE1/PM	OGC	NWE1/L-PM
NAME	CCox*	RJoshi*	SBrock*	BHughes*
DATE	10/3/08	10/7/08	10/8/08	10/8/08

*Approval captured electronically in the electronic RAI system.

OFFICIAL RECORD COPY

**William States Lee III Nuclear Station Units 1 and 2
Duke Energy Carolinas, LLC
Docket No. 52-018 and 52-019
SRP Section: 15.00.03 – Design Basis Accidents Radiological Consequences Analyses for
Advance Light Water Reactors
Application Section: 15.0**

QUESTIONS from Siting and Accident Consequences Branch (RSAC)

15.00.03-1

By letter dated August 14, 2008, NRC informed the AP1000 vendor that an assumption made in evaluating the LOCA DBA for Revision 16 of the AP1000 DCD was not technically justified. Both FSAR Chapter 15 and Section 6.4 of the subject COL application incorporate by reference the design basis accident analyses in Revision 16 of the AP1000 DCD. Provide an evaluation of the LOCA that does not make use of the rejected assumption. Describe any design or siting changes that are intended to compensate for the rejected assumption.