PMLeeCol PEmails

From: Tanya Simms
Sent: Thursday, August 14, 2008 1:17 PM
To: 'Hastings, Peter S'; 'Nolan, Chris'; 'Bowling, Theodore J'; 'Lee Nuclear'
Cc: Brian Hughes; PMLeeCol PEmails
Subject: RAI Letter No. 004 Related SRP Section 7.5 for Lee Units 1 and 2
Attachments: LEE-RAI-LTR-004.pdf

To All,

Attached is RAI Letter No. 004 Related SRP Section 7.5 for Lee Units 1 and 2. The ADAMS accession number is ML082270369.

Tanya Simms
Project Manager
New Reactor Licensing
U.S. Nuclear Regulatory Commission
11555 Rockville Pike
Rockville, Maryland 20852-2738
301-415-1387
Tanya.Simms@nrc.gov

Hearing Identifier: Lee_COL_Public_EX
Email Number: 97

Mail Envelope Properties (C4A4C9A16294FB4CBA5A36312D05FFAC0ABA1A9491)

Subject: RAI Letter No. 004 Related SRP Section 7.5 for Lee Units 1 and 2
Sent Date: 8/14/2008 1:16:57 PM
Received Date: 8/14/2008 1:17:01 PM
From: Tanya Simms

Created By: Tanya.Simms@nrc.gov

Recipients:
"Brian Hughes" <Brian.Hughes@nrc.gov>
Tracking Status: None
"PMLeeCol PEmails" <PMLeeCol.PEmails@nrc.gov>
Tracking Status: None
"'Hastings, Peter S'" <pshastings@duke-energy.com>
Tracking Status: None
"'Nolan, Chris'" <mcnolan@duke-energy.com>
Tracking Status: None
"'Bowling, Theodore J'" <tjbowling@duke-energy.com>
Tracking Status: None
"'Lee Nuclear'" <leenuclear@duke-energy.com>
Tracking Status: None

Post Office: HQCLSTR02.nrc.gov

Files	**Size**	**Date & Time**
MESSAGE	399	8/14/2008 1:17:01 PM
LEE-RAI-LTR-004.pdf	126256	

Options
Priority: Standard
Return Notification: No
Reply Requested: Yes
Sensitivity: Normal
Expiration Date:
Recipients Received:

LeeRAIsPEm Resource

From: Tanya Simms
Sent: Thursday, August 14, 2008 12:52 PM
To: LeeRAIsPEm Resource
Subject: Request for Additional Information Letter No. 004 Related to SRP Section 07.05 for the William States Lee III Units 1 and 2 Combined License Application
Attachments: LEE-RAI-LTR-004.doc

Hearing Identifier: Lee_COL_RAI
Email Number: 4

Mail Envelope Properties (C4A4C9A16294FB4CBA5A36312D05FFAC0ABA1A9490)

Subject: Request for Additional Information Letter No. 004 Related to SRP Section 07.05 for the William States Lee III Units 1 and 2 Combined License Application
Sent Date: 8/14/2008 12:51:52 PM
Received Date: 8/14/2008 12:51:53 PM
From: Tanya Simms

Created By: Tanya.Simms@nrc.gov

Recipients:
"LeeRAIsPEm Resource" <LeeRAIsPEm.Resource@nrc.gov>
Tracking Status: None

Post Office: HQCLSTR02.nrc.gov

Files	**Size**	**Date & Time**
MESSAGE	3	8/14/2008 12:51:53 PM
LEE-RAI-LTR-004.doc	50682	

Options
Priority: Standard
Return Notification: No
Reply Requested: Yes
Sensitivity: Normal
Expiration Date:
Recipients Received:

August 14, 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. 004 RELATED TO SRP SECTION 07.05 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. 538
Enclosure:
Request for Additional Information

Distribution:

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NRO-002

OFFICE	ICE1/BC	NWE1/PM	OGC	NWE1/L-PM
NAME	TJackson*	TSimms*	SBrock*	BHughes*
DATE	6/25/08	7/31/08	8/01/08	8/11/08

*Approval captured electronically in the electronic RAI system.

OFFICIAL RECORD COPY

Request for Additional Information No. 538 Revision 0
William States Lee III Nuclear Station Units 1 and 2
Duke Energy Carolinas, LLC
Docket No. 52-018 and 52-019
SRP Section: 07.05 - Information Systems Important to Safety
Application Section: Chap 7.5

QUESTION from Instrumentation, Controls and Electrical Engineering 1 (ICE1)

07.05-1

Tables 7.5-1 and 7.5-8 of the AP1000 Design Control Document (DCD), Revision 16, Post-Accident Monitoring System, contain variables to monitor the meteorological parameters and environs radiation and radioactivity. These variables are defined as site specific. Define these variables in compliance with Regulatory Guide 1.97, Revision 3, as committed to in the combined license application, or justify an alternative approach.

Table 7.5-1 (Sheet 12 of 12) of the AP1000 DCD, Revision 16, identifies meteorological parameters as site specific. Additionally, Table 7.5-8 of the AP1000 DCD identifies "meteorology" and "boundary environs radiation and radioactivity" as site specific variables. However, the staff has not found where the combined license application addresses the parameters/variables. Explain where these variables are found.