

## PMLeeCol PEmails

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**From:** Simms, Tanya  
**Sent:** Monday, March 22, 2010 2:14 PM  
**To:** 'Hastings, Peter S'; 'Nolan, Chris'; 'Bowling, Theodore J'; 'Lee Nuclear'  
**Cc:** Hughes, Brian; PMLeeCol PEmails  
**Subject:** Draft RAI 4507 Related SRP Section 9.3.3 for Lee Units 1 and 2  
**Attachments:** RAI 4507 draft.pdf

To All,

Attached is Draft RAI 4507 related to SRP Section 9.3.3 for Lee Units 1 and 2. If no response is heard by close of business March 25, 2010, the final RAI will be issued.

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**Hearing Identifier:** Lee\_COL\_Public\_EX  
**Email Number:** 144

**Mail Envelope Properties** (192BB59294514E41B5305C3C8286760809F7510B50)

**Subject:** Draft RAI 4507 Related SRP Section 9.3.3 for Lee Units 1 and 2  
**Sent Date:** 3/22/2010 2:13:32 PM  
**Received Date:** 3/22/2010 2:13:32 PM  
**From:** Simms, Tanya

**Created By:** Tanya.Simms@nrc.gov

**Recipients:**

"Hughes, Brian" <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

<b>Files</b>	<b>Size</b>	<b>Date &amp; Time</b>
MESSAGE	452	3/22/2010 2:13:32 PM
RAI 4507 draft.pdf	14400	

**Options**

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

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-\*\*\*

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.