

## **PMSummerColpEM Resource**

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**From:** Ravindra Joshi  
**Sent:** Friday, January 09, 2009 9:38 AM  
**To:** Amy M. Monroe; April R. Rice; Jerry P. Harrison; Julie M. Giles  
**Cc:** SummerCOL Resource; Malcolm Patterson; Lynn Mrowca; Mark Melnicoff  
**Subject:** Draft RAI 1713 related to SRP section 19 for Summer units 2 and 3  
**Attachments:** RAI 1713.doc

To All,

Attached is a draft RAI (1713) related to SRP Section 19 for Summer Units 2 and 3. If you would like to schedule a conference call to discuss this RAI, please let me know before 5:00 PM on January 14, 2009. If no request for a conference call is received, this RAI will be issued as Final.

Thanks,

Ravindra G. Joshi  
Project Manager  
AP1000 Project  
NRO/DNRL/NWE1  
US NRC  
301-415-6191.

**Hearing Identifier:** VCSummer\_COL\_Public  
**Email Number:** 113

**Mail Envelope Properties** (CEEA97CC21430049B821E684512F6E5EB65482EAFD)

**Subject:** Draft RAI 1713 related to SRP section 19 for Summer units 2 and 3  
**Sent Date:** 1/9/2009 9:37:43 AM  
**Received Date:** 1/9/2009 9:37:45 AM  
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<b>Files</b>	<b>Size</b>	<b>Date &amp; Time</b>
MESSAGE	445	1/9/2009 9:37:45 AM
RAI 1713.doc	29690	

**Options**

**Priority:** Standard

**Return Notification:** No

**Reply Requested:** No

**Sensitivity:** Normal

**Expiration Date:**

**Recipients Received:**

Request for Additional Information No. 1713

Virgil C. Summer Nuclear Station, Units 2 and 3  
South Carolina Electric and Gas Company  
Docket No. 52-027 and 52-028  
SRP Section: 19 - Probabilistic Risk Assessment and Severe Accident Evaluation  
Application Section: 19

QUESTIONS for PRA Licensing, Operations Support and Maintenance Branch 1 (AP1000/EPR Projects) (SPLA)

19-\*\*\*

Part of AP1000 DCD COL Information Item 19.59.10-2 calls for the following action by COL applicants:

The Combined License applicant will confirm that the High Winds, Floods, and Other External Events analysis documented in Section 19.58 is applicable to the COL site. Further evaluation will be required if the COL site is shown to be outside of the bounds of the High Winds, Floods, and Other External Events analysis documented in Section 19.58.

The above requirement is replaced by the following words in STD COL 19.59.10-2:

It has been confirmed that the High Winds, Floods, and Other External Events analysis documented in Section 19.58 is applicable to the site...

Please provide supporting information or appropriate references that ensure that all of the key site-related assumptions in the Section 19.58 External Events analyses are valid for the VC Summer site

19-\*\*\*

STD COL 19.59.10-2 states that "The PRA will be updated to reflect these differences [between the as-built plant and design used as the basis for the AP1000 PRA and DCD Table 19.59-18] if they potentially result in a significant increase in core damage frequency or large release frequency."

(a) Please clarify how the VC Summer PRA (to be completed by fuel load ) will be updated to account for VC Summer site-specific information per 10 CFR 52.79(d)(1) and 10 CFR 50.71(h)(1) as well as as-built information.

(b) Please define "significant increase."