

## **PMSummerColpEM Resource**

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**From:** Ravindra Joshi  
**Sent:** Friday, January 09, 2009 12:43 PM  
**To:** Amy M. Monroe; April R. Rice; Jerry P. Harrison; Julie M. Giles  
**Cc:** SummerCOL Resource; Steven Schaffer; Timothy Frye; Charles Hinson  
**Subject:** Draft RAI 1911 related SRP section 2.4.13 for Summer Units 2 and 3  
**Attachments:** RAI 1911.doc

To All,

Attached is a draft RAI (1911) related to SRP Section 2.4.13 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  
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US NRC  
301-415-6191.

**Hearing Identifier:** VCSummer\_COL\_Public  
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**Subject:** Draft RAI 1911 related SRP section 2.4.13 for Summer Units 2 and 3  
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Request for Additional Information No. 1911

Virgil C. Summer Nuclear Station, Units 2 and 3  
South Carolina Electric and Gas Company  
Docket No. 52-027 and 52-028

SRP Section: 02.04.13 - Accidental Releases of Radioactive Liquid Effluents in Ground and Surface Waters

Application Section: FSAR Section 2.4.13

QUESTIONS for Health Physics Branch (CHPB)

02.04.13-\*\*\*

SRP 2.4.13, under SRP Acceptance Criteria #5, references Branch Technical Position BTP 11-6, which provides guidance in assessing potential release of radioactive liquids at the nearest potable water supply located in an unrestricted area for direct human consumption or indirectly through animals, crops, and food processing. BTP 11-6 further states the evaluation of the release considers the use of water for direct human consumption or indirectly through animals (livestock watering), crops (agricultural irrigation), and food processing (water as an ingredient).

Applicant's analysis does not include a discussion of pathways other than drinking water. The analysis should discuss these other pathways, especially the pathways such as fish and crop irrigation that may result in concentration of the source term. Either discuss other pathways, or justify why they need not be included.