PMSummerColpEM Resource

From: Ravindra Joshi
Sent: Friday, January 09, 2009 2:09 PM
To: Amy M. Monroe; April R. Rice; Jerry P. Harrison; Julie M. Giles
Cc: SummerCOL Resource; David Sisk; Charles Cox
Subject: Draft RAI 1766 related to SRP sections 2.2.1-2.2.2 for Summer Units 2 and 3
Attachments: RAI 1766.doc

To All,

Attached is a draft RAI (1766) related to SRP Section 2.2.1-2.2.2 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,

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Project Manager
AP1000 Project
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301-415-6191.

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RAI 1766.doc	29690	

Options
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Request for Additional Information No. 1766

Virgil C. Summer Nuclear Station, Units 2 and 3
South Carolina Electric and Gas Company
Docket No. 52-027 and 52-028
SRP Section: 02.02.01-02.02.02 - Identification of Potential Hazards in Site Vicinity
Application Section: 2.2.1

QUESTIONS for Siting and Accident Conseq Branch (RSAC)

02.02.01-02.02.02-***

Table 2.2-206 states that fireworks are shipped by rail (approximately 4,200 feet from the nearest safety related structure), but dismiss fireworks as being too broad a category to analyze. Provide a specific basis (e.g., consequence or likelihood analysis) that this is not a significant hazard to VCSNPS.

02.02.01-02.02.02-***

Section 2.2.3.1.4 states that large amounts vegetation are in the vicinity of Units 2 and 3 and a wildfire could occur. Smoke, non-flammable gases, or chemical-bearing clouds could occur as a consequence of fires, but only high heat flux is addressed. Please address smoke, non-flammable gases, or chemical-bearing clouds resulting from fires.

02.02.01-02.02.02-***

RG 1.206 provides guidance regarding the information needed to ensure that potential hazards in the site vicinity are identified and evaluated to meet the siting criteria in 10 CFR 100.20 and 10 CFR 100.21. Section 2.2.2.2.1.1 states that the chemicals associated with VCSNPS Units 2 and 3 are bounded by those listed in AP1000 DCD, Table 6.4-1. Westinghouse has issued a detailed revised standard chemicals list for the AP1000 design which deviates from the original AP1000 DCD Table 6.4-1. VCSNPS should address these chemicals and any additional site specific chemicals used along with quantities and locations stored onsite for VCSNPS Units 2 and 3.

02.02.01-02.02.02-***

RG 1.206 provides guidance regarding the information needed to ensure potential hazards in the site vicinity are identified and evaluated to meet the siting criteria in 10 CFR 100.20 and 10 CFR 100.21. Section 2.2.2.2.2 indicates that there are no explosives stored at any of the nearby mining sites. However, the transport of the explosives to the sites may involve routes in close proximity to VCSNPS. How have these potential overpressure hazards been addressed?