

PMSummerColpEM Resource

From: Ravindra Joshi
Sent: Thursday, January 15, 2009 8:02 AM
To: MONROE, AMY; GILES, JULIE M
Cc: SummerCOL Resource
Subject: FW: Draft RAI 1766 and 1859 related to SRP sections 2.2.1-2.2.2 and 3.5.1.6 for Summer Units 2 and 3
Attachments: RAI 1766.doc; RAI 1859.doc

Amy, Julie

How about a conference call to discuss RAIs 1766 and 1859 on Thursday January 22, at 09:00 AM?

Ravi Joshi

301-415-6191

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

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,

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

Hearing Identifier: VCSummer_COL_Public
Email Number: 124

Mail Envelope Properties (CEEA97CC21430049B821E684512F6E5EB6549B9FBB)

Subject: FW: Draft RAI 1766 and 1859 related to SRP sections 2.2.1-2.2.2 and 3.5.1.6 for Summer Units 2 and 3
Sent Date: 1/15/2009 8:02:00 AM
Received Date: 1/15/2009 8:02:02 AM
From: Ravindra Joshi

Created By: Ravindra.Joshi@nrc.gov

Recipients:
"SummerCOL Resource" <SummerCOL.Resource@nrc.gov>
Tracking Status: None
"MONROE, AMY" <AMONROE@scana.com>
Tracking Status: None
"GILES, JULIE M" <JMGILES@scana.com>
Tracking Status: None

Post Office: HQCLSTR01.nrc.gov

Files	Size	Date & Time
MESSAGE	870	1/15/2009 8:02:02 AM
RAI 1766.doc	29690	
RAI 1859.doc	27642	

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

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 2.2.2.1.1 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 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?

Request for Additional Information No. 1859

Virgil C. Summer Nuclear Station, Units 2 and 3
South Carolina Electric and Gas Company
Docket No. 52-027 and 52-028
SRP Section: 03.05.01.06 - Aircraft Hazards
Application Section: 2.2.2.7.6/3.5.1.6

QUESTIONS for Siting and Accident Conseq Branch (RSAC)

03.05.01.06-***

RG 1.206 provides guidance regarding the information that is 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 describes the site-specific airway hazard evaluation with impact probability determination. Please provide all the data including the site specific effective area estimated and used for the calculation of aircraft crash probability (that would clarify whether flight operations data projected to end of life of plant is used). This is required for performing confirmatory calculations.