PMSummerColpEM Resource

From: Ravindra Joshi
Sent: Thursday, January 22, 2009 11:24 AM
To: A. Paglia; Amy M. Monroe; April R. Rice; Donna S. Griffin; Jerry P. Harrison; Johnnie Waller (johnnie.waller@scana.com); Julie M. Giles; Kenneth J. Browne; Tria Kibler
Cc: SummerCOL Resource
Subject: RAI letter number 020 related to SRP section 3.5.1.6 for Summer units 2 and 3
Attachments: SUM-RAI-LTR-020.pdf

To All,

Attached is RAI letter No.020 related to SRP Section 3.5.1.6 for the Summer Units 2 and 3. The ADAMS Accession number is ML090220301.

Ravi Joshi
Project Manager
NRO/DNRL/NWE1
US NRC
301-415-6191

Hearing Identifier: VCSummer_COL_Public
Email Number: 144

Mail Envelope Properties (CEEA97CC21430049B821E684512F6E5EB654AC9EA7)

Subject: RAI letter number 020 related to SRP section 3.5.1.6 for Summer units 2 and 3
Sent Date: 1/22/2009 11:24:17 AM
Received Date: 1/22/2009 11:24:17 AM
From: Ravindra Joshi

Created By: Ravindra.Joshi@nrc.gov

Recipients:
"SummerCOL Resource" <SummerCOL.Resource@nrc.gov>
Tracking Status: None
"A. Paglia" <apaglia@scana.com>
Tracking Status: None
"Amy M. Monroe" <amonroe@scana.com>
Tracking Status: None
"April R. Rice" <arice@scana.com>
Tracking Status: None
"Donna S. Griffin" <dgriffin@scana.com>
Tracking Status: None
"Jerry P. Harrison" <jharrison2@scana.com>
Tracking Status: None
"Johnnie Waller (johnnie.waller@scana.com)" <johnnie.waller@scana.com>
Tracking Status: None
"Julie M. Giles" <jmgiles@scana.com>
Tracking Status: None
"Kenneth J. Browne" <kjbrowne@santeecooper.com>
Tracking Status: None
"Tria Kibler" <tkkibler@scana.com>
Tracking Status: None

Post Office: HQCLSTR01.nrc.gov

Files	**Size**	**Date & Time**
MESSAGE	242	1/22/2009 11:24:17 AM
SUM-RAI-LTR-020.pdf	126773	

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

SummerRAIsPEm Resource

From: Ravindra Joshi
Sent: Thursday, January 22, 2009 11:08 AM
To: SummerRAIsPEm Resource
Subject: REQUEST FOR ADDITIONAL INFORMATION LETTER NO. 020 RELATED TO SRP SECTION 03.05.01.06 FOR THE VIRGIL C. SUMMER NUCLEAR STATION UNITS 2 AND 3 COMBINED LICENSE APPLICATION
Attachments: SUM-RAI-LTR-020.doc

Hearing Identifier: Summer_COL_eRAIs
Email Number: 22

Mail Envelope Properties (CEEA97CC21430049B821E684512F6E5EB654AC9E5A)

Subject: REQUEST FOR ADDITIONAL INFORMATION LETTER NO. 020 RELATED TO SRP SECTION 03.05.01.06 FOR THE VIRGIL C. SUMMER NUCLEAR STATION UNITS 2 AND 3 COMBINED LICENSE APPLICATION
Sent Date: 1/22/2009 11:08:13 AM
Received Date: 1/22/2009 11:08:13 AM
From: Ravindra Joshi

Created By: Ravindra.Joshi@nrc.gov

Recipients:
"SummerRAIsPEm Resource" <SummerRAIsPEm.Resource@nrc.gov>
Tracking Status: None

Post Office: HQCLSTR01.nrc.gov

Files	**Size**	**Date & Time**
MESSAGE	3	1/22/2009 11:08:13 AM
SUM-RAI-LTR-020.doc	49146	

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

January 22, 2009

Mr. Alfred M. Paglia
Manager, Nuclear Licensing
MC P40
South Carolina Electric & Gas Company
PO Box 88
Jenkinsville, SC 29065

SUBJECT: REQUEST FOR ADDITIONAL INFORMATION LETTER NO. 020 RELATED TO SRP SECTION 03.05.01.06 FOR THE VIRGIL C. SUMMER NUCLEAR STATION UNITS 2 AND 3 COMBINED LICENSE APPLICATION

Dear Mr. Paglia:

By letter dated March 27, 2008, South Carolina Electric & Gas Company submitted its application to the U. S. Nuclear Regulatory Commission (NRC) for a combined license (COL) for two AP1000 advance passive pressurized water reactors pursuant to 10 CFR Part 52. The NRC staff is performing a detailed review of this application to enable the staff to reach a conclusion on the safety of the proposed application.

The NRC staff has identified that additional information is needed to continue portions of the review. The staff's request for additional information (RAI) is contained in the enclosure to this letter.

To support the review schedule, you are requested to respond within 30 days of the date of this letter. If changes are needed to the final safety analysis report, the staff requests that the RAI response include the proposed wording changes.

If you have any questions or comments concerning this matter, you may contact me at 301-415-6191or Ravindra.Joshi@nrc.gov.

Sincerely,

/**RA**/

Ravindra G. Joshi, Lead Project Manager
AP1000 Projects Branch 1
Division of New Reactor Licensing
Office of New Reactors

Docket Nos. 52-027
52-028

Enclosure:
Request for Additional Information

CC: see next page

If you have any questions or comments concerning this matter, you may contact me at 301-415-6191or Ravindra.Joshi@nrc.gov.

Sincerely,

/**RA**/

Ravindra G. Joshi, Lead Project Manager
AP1000 Projects Branch 1
Division of New Reactor Licensing
Office of New Reactors

Docket Nos. 52-027
52-028

eRAI Tracking No. 1859

Enclosure:
Request for Additional Information

Distribution:

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NRO-002

OFFICE	RSAC/BC	NWE1/PM	OGC	NWE1/L-PM
NAME	CCox*	RJoshi*	MSpencer*	RJoshi*
DATE	12/17/08	12/17/08	1/7/09	1/8/09

*Approval captured electronically in the electronic RAI system.

OFFICIAL RECORD COPY

Request for Additional Information
Virgil C. Summer Nuclear Station Units 2 and 3
South Carolina Electric & Gas Company
Docket No. 52-027 and 52-028
SRP Section: 3.5.1.6- Aircraft Hazards

Application Section: FSAR Sections 2.2.2.7/3.5.1.6

QUESTIONS from Siting and Consequences Branch (RSAC)

03.05.01.06-1
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.