

PMBelCOL PEmails

From: Habib, Donald
Sent: Thursday, January 07, 2010 2:52 PM
To: 'rgrumbir@gmail.com'; 'alsterdis@tva.gov'; 'erg-xl@cox.net'; 'pshastings@duke-energy.com'; 'kslays@duke-energy.com'; Bob Hirmanpour; 'Spink, Thomas E'; Wes Sparkman
Cc: PMBelCOL PEmails; Hughes, Brian; RidsNroDnriNwe1 Resource; Comar, Manny; RidsNroLAKGoldstein Resource; Simms, Tanya; Hodgdon, Ann; RidsOgcMailCenter Resource; Joshi, Ravindra; RidsAcrcAcnw_MailCTR Resource; RidsRgn2MailCenter Resource; Martin, Jody; Goetz, Sujata; Anderson, Brian; Spicher, Terri; McGovern, Denise; VogtleCOL Resource
Subject: RAI Letter No. 169 Related to SRP section 6.4 for Bellefonte Units 3 and 4
Attachments: BLN-RAI-LTR-169.pdf

To All,

Attached is RAI Letter No. 169 related to SRP section 6.4 for Bellefonte Units 3 and 4. The ADAMS accession number for the document is ML100070448.

Donald C. Habib
Project Manager
U.S. Nuclear Regulatory Commission
Office of New Reactors, DNRL/NWE1
Room T-6D14
Washington, DC 20555
301-415-1035
dch3@nrc.gov

Hearing Identifier: Bellefonte_COL_Public_EX
Email Number: 1760

Mail Envelope Properties (E3D0DF334F617344BE38EB00C881B1B303955895EC)

Subject: RAI Letter No. 169 Related to SRP section 6.4 for Bellefonte Units 3 and 4
Sent Date: 1/7/2010 2:52:28 PM
Received Date: 1/7/2010 2:52:33 PM
From: Habib, Donald

Created By: Donald.Habib@nrc.gov

Recipients:

"PMBelCOL PEmails" <PMBelCOL.PEmails@nrc.gov>
Tracking Status: None
"Hughes, Brian" <Brian.Hughes@nrc.gov>
Tracking Status: None
"RidsNroDnrINwe1 Resource" <RidsNroDnrINwe1.Resource@nrc.gov>
Tracking Status: None
"Comar, Manny" <Manny.Comar@nrc.gov>
Tracking Status: None
"RidsNroLAKGoldstein Resource" <RidsNroLAKGoldstein.Resource@nrc.gov>
Tracking Status: None
"Simms, Tanya" <Tanya.Simms@nrc.gov>
Tracking Status: None
"Hodgdon, Ann" <Ann.Hodgdon@nrc.gov>
Tracking Status: None
"RidsOgcMailCenter Resource" <RidsOgcMailCenter.Resource@nrc.gov>
Tracking Status: None
"Joshi, Ravindra" <Ravindra.Joshi@nrc.gov>
Tracking Status: None
"RidsAcrcAcnw_MailCTR Resource" <RidsAcrcAcnw_MailCTR.Resource@nrc.gov>
Tracking Status: None
"RidsRgn2MailCenter Resource" <RidsRgn2MailCenter.Resource@nrc.gov>
Tracking Status: None
"Martin, Jody" <Jody.Martin@nrc.gov>
Tracking Status: None
"Goetz, Sujata" <Sujata.Goetz@nrc.gov>
Tracking Status: None
"Anderson, Brian" <Brian.Anderson@nrc.gov>
Tracking Status: None
"Spicher, Terri" <Terri.Spicher@nrc.gov>
Tracking Status: None
"McGovern, Denise" <Denise.McGovern@nrc.gov>
Tracking Status: None
"VogtleCOL Resource" <VogtleCOL.Resource@nrc.gov>
Tracking Status: None
"rgrumbir@gmail.com" <'rgrumbir@gmail.com'>
Tracking Status: None
"alsterdis@tva.gov" <'alsterdis@tva.gov'>
Tracking Status: None
"erg-xl@cox.net" <'erg-xl@cox.net'>
Tracking Status: None
"pshastings@duke-energy.com" <'pshastings@duke-energy.com'>

Tracking Status: None
"kslays@duke-energy.com" <'kslays@duke-energy.com'>
Tracking Status: None
"Bob Hirmanpour" <bob.hirmanpour@excelservices.com>
Tracking Status: None
"Spink, Thomas E" <tespink@tva.gov>
Tracking Status: None
"Wes Sparkman" <wasparkm@southernco.com>
Tracking Status: None

Post Office: HQCLSTR01.nrc.gov

Files	Size	Date & Time
MESSAGE	360	1/7/2010 2:52:33 PM
BLN-RAI-LTR-169.pdf	136788	

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

BellefonteRAIsPEm Resource

From: Habib, Donald
Sent: Thursday, January 07, 2010 2:13 PM
To: BellefonteRAIsPEm Resource
Subject: REQUEST FOR ADDITIONAL INFORMATION LETTER NO. 169 RELATED TO SRP SECTION 6.4 FOR THE BELLEFONTE UNITS 3 and 4 COMBINED LICENSE APPLICATION
Attachments: BEL-RAI-LTR-169.doc

Hearing Identifier: Bellefonte_COL_RAI_Public
Email Number: 160

Mail Envelope Properties (E3D0DF334F617344BE38EB00C881B1B303955895A2)

Subject: REQUEST FOR ADDITIONAL INFORMATION LETTER NO. 169 RELATED TO SRP SECTION 6.4 FOR THE BELLEFONTE UNITS 3 and 4 COMBINED LICENSE APPLICATION
Sent Date: 1/7/2010 2:12:30 PM
Received Date: 1/7/2010 2:12:37 PM
From: Habib, Donald

Created By: Donald.Habib@nrc.gov

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

Post Office: HQCLSTR01.nrc.gov

Files	Size	Date & Time
MESSAGE	3	1/7/2010 2:12:37 PM
BEL-RAI-LTR-169.doc	50682	

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

January 7, 2010

Ms. Andrea L. Sterdis
Manager, Nuclear Licensing & Industry Affairs
Nuclear Generation Development & Construction
Tennessee Valley Authority
1101 Market Street
Chattanooga, Tennessee 37402-2801

SUBJECT: REQUEST FOR ADDITIONAL INFORMATION LETTER NO. 169 RELATED TO
SRP SECTION 6.4 FOR THE BELLEFONTE UNITS 3 and 4 COMBINED
LICENSE APPLICATION

Dear Ms. Sterdis:

By letter dated October 30, 2007, as supplemented by letters dated November 2, 2007, January 8, 2008 and January 14, 2008, Tennessee Valley Authority (TVA) 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 45 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 301-415-1035, or you may contact Manny Comar, the lead project manager for the Bellefonte combined license at 301-415-3863.

Sincerely,

/RA/

Donald Habib, Project Manager
AP1000 Projects Branch 1
Division of New Reactor Licensing
Office of New Reactors

Docket Nos. 52-014
52-015

Enclosure:
Request for Additional Information

If you have any questions or comments concerning this matter, you may contact me at 301-415-1035, or you may contact Manny Comar, the lead project manager for the Bellefonte combined license at 301-415-3863.

Sincerely,

/RA/

Donald Habib, Project Manager
AP1000 Projects Branch 1
Division of New Reactor Licensing
Office of New Reactors

Docket Nos. 52-014
52-015
eRAI Tracking Nos. 4184

Enclosure:
Request for Additional Information

Distribution:

Public	BHughes	SHaggerty	CJackson
RidsNroDnrlNwe1	SCoffin	MComar	CPatel
RidsNroLAKGoldstein	TSimms	AHodgdon	SPeng
RidsOgcMailCenter	BAnderson	MSnodderly	DMcGovern
RidsAcrsAcnw_MailCenter	JMartin	RJoshi	TSpicher
RidsRgn2MailCenter	JSebrosky	SGoetz	

NRO-002

OFFICE	SPCV/BC	NWE1/PM	NWE1/L-PM
NAME	JMcKirgan *	DHabib *	MComar*
DATE	12/28/09	1/4/10	1/7/10

*Approval captured electronically in the electronic RAI system.

OFFICIAL RECORD COPY

Bellefonte Units 3 and 4
TVA
Docket No. 52-014 and 52-015
SRP Section: 06.04 - Control Room Habitability System
Application Section: 6.4 - Habitability Systems

QUESTIONS for Containment and Ventilation Branch 1 (AP1000/EPR Projects) (SPCV)

06.04-8

Supplemental RAI to NRC RAI Number: 02.02.03-10 & BLN RAI ID: 2223

1. Credit being taken for the chemical hazard analysis to support Table 6.4-202 in COLA Part 2. FSAR Chapter 6

Do any of the analyses of the chemicals in Table 6.4-202 credit design features, such as an elevated control room intake, to keep the chemical concentration in the control room below the IDLH (Immediately Dangerous to Life and Health) levels? If so, please provide a description of the design features credited in the safety analyses in the FSAR (a simple annotation to Table 6.4-202 to acknowledge these design features would be sufficient).