PMBelCOL PEmails

From: Brian Anderson
Sent: Friday, July 18, 2008 3:32 PM
To: alsterdis@tva.gov; rgrumbir@gmail.com; pmray@tva.gov; pshastings@duke-energy.com; erg-xl@cox.net; bobhirman@live.com; kslays@duke-energy.com; tespink@tva.gov; PMBelCOL PEmails
Cc: Joseph Sebrosky; Brian Anderson
Subject: RAI Letter No. 078 related to SRP Section 18 for the Bellefonte Units 3 and 4 combined license application
Attachments: RAI Letter 078 - ML082000954.pdf

Importance: High

Attached is RAI Letter No. 078 related to SRP Section 18 for the Bellefonte Units 3 and 4 combined license application. The ADAMS Accession number is ML082000954.

Brian Anderson
301-415-9967
US Nuclear Regulatory Commission
Office of New Reactors
Project Manager, AP1000 Projects Branch 1

Hearing Identifier: Bellefonte_COL_Public_EX
Email Number: 429

Mail Envelope Properties (CB87FC66F95637428C5E0D066E756B6F7C72DC1053)

Subject: RAI Letter No. 078 related to SRP Section 18 for the Bellefonte Units 3 and 4 combined license application
Sent Date: 7/18/2008 3:32:27 PM
Received Date: 7/18/2008 3:32:29 PM
From: Brian Anderson

Created By: Brian.Anderson@nrc.gov

Recipients:
"Joseph Sebrosky" <Joseph.Sebrosky@nrc.gov>
Tracking Status: None
"Brian Anderson" <Brian.Anderson@nrc.gov>
Tracking Status: None
"alsterdis@tva.gov" <alsterdis@tva.gov>
Tracking Status: None
"rgrumbir@gmail.com" <rgrumbir@gmail.com>
Tracking Status: None
"pmray@tva.gov" <pmray@tva.gov>
Tracking Status: None
"pshastings@duke-energy.com" <pshastings@duke-energy.com>
Tracking Status: None
"erg-xl@cox.net" <erg-xl@cox.net>
Tracking Status: None
"bobhirman@live.com" <bobhirman@live.com>
Tracking Status: None
"kslays@duke-energy.com" <kslays@duke-energy.com>
Tracking Status: None
"tespink@tva.gov" <tespink@tva.gov>
Tracking Status: None
"PMBelCOL PEmails" <PMBelCOL.PEmails@nrc.gov>
Tracking Status: None

Post Office: HQCLSTR01.nrc.gov

Files	**Size**	**Date & Time**
MESSAGE	315	7/18/2008 3:32:29 PM
RAI Letter 078 - ML082000954.pdf	140346	

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

BellefonteRAIsPEm Resource

From: Brian Anderson
Sent: Friday, July 18, 2008 2:46 PM
To: BellefonteRAIsPEm Resource
Subject: REQUEST FOR ADDITIONAL INFORMATION LETTER NO. 078 RELATED TO SRP SECTION 18 FOR THE BELLEFONTE UNITS 3 and 4 COMBINED LICENSE APPLICATION
Attachments: BLN-RAI-LTR-078.doc

Importance: High

Hearing Identifier: Bellefonte_COL_RAI_Public
Email Number: 57

Mail Envelope Properties (CB87FC66F95637428C5E0D066E756B6F7C72DC1020)

Subject: REQUEST FOR ADDITIONAL INFORMATION LETTER NO. 078 RELATED TO SRP SECTION 18 FOR THE BELLEFONTE UNITS 3 and 4 COMBINED LICENSE APPLICATION
Sent Date: 7/18/2008 2:46:16 PM
Received Date: 7/18/2008 2:46:18 PM
From: Brian Anderson

Created By: Brian.Anderson@nrc.gov

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

Post Office: HQCLSTR01.nrc.gov

Files	**Size**	**Date & Time**
MESSAGE	3	7/18/2008 2:46:18 PM
BLN-RAI-LTR-078.doc	52730	

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

July 18, 2008

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. 078 RELATED TO SRP SECTION 18 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 301-415-9967 or you may contact Joesph Sebrosky, the lead project manager for the Bellefonte combined license at 301-415-1132.

Sincerely,

/**RA**/

Brian C. Anderson, 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

CC: see next page

If you have any questions or comments concerning this matter, you may contact me at 301-415-9967 or you may contact Joesph Sebrosky, the lead project manager for the Bellefonte combined license at 301-415-1132.

Sincerely,

/**RA**/

Brian C. Anderson, Project Manager
AP1000 Projects Branch 1
Division of New Reactor Licensing
Office of New Reactors

Docket Nos. 52-014
52-015
eRAI Tracking No. 344

Enclosure:
Request for Additional Information

Distribution:

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RidsRgn2MailCenter	AHodgdon	
JSebrosky	PMoulding	

NRO-002

OFFICE	COLP/BC		NWE1/PM	OGC	NWE1/L-PM
NAME	MJunge*		BAnderson*	AHodgdon*	JSebrosky*
DATE	5/27/08		5/28/08	6/3/08	7/17/08

*Approval captured electronically in the electronic RAI system.

OFFICIAL RECORD COPY

Request for Additional Information
Bellefonte Units 3 and 4
Tennessee Valley Authority
Docket No. 52-014 and 52-015
SRP Section: 18 - Human Factors Engineering
Application Section: 18.2

QUESTION from Operator Licensing and Human Performance Branch

18-2

Please document where each of the following interfaces is addressed.

From AP1000 DCD Tier 2, Rev. 16 Section 1.8, Table 1.8-1 (Summary of AP1000 Plant Interfaces with Remainder of the Plant):

"18.1 Operating staff consistent with Human Factors evaluations"

"18.2 Operator training consistent with Human Factors evaluations"

"18.3 Operating Procedures consistent with Human Factors evaluations"

"18.4 Final coordination and integration of human system interface areas within a specific AP1000 consistent with Human Factors evaluations"

"18.5 Final coordination and integration of Combined License applicant facilities with those of a specific AP1000 consistent with Human Factors evaluations"