

PMBelCOL PEmails

From: Brian Anderson
Sent: Monday, July 21, 2008 3:45 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; PMBelCOL PEmails; tespink@tva.gov
Cc: Joseph Sebrosky; Tanya Simms; Brian Anderson
Subject: RAI Letter No. 085 related to SRP Section 09.03.03 for the Bellefonte Units 3 and 4 combined license application
Attachments: RAI Letter 085 - ML082030670.pdf
Importance: High

Attached is RAI Letter No. 085 related to SRP Section 09.03.03 for the Bellefonte Units 3 and 4 combined license application. The ADAMS Accession number is ML082030670.

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: 434

Mail Envelope Properties (CB87FC66F95637428C5E0D066E756B6F7C72EA8270)

Subject: RAI Letter No. 085 related to SRP Section 09.03.03 for the Bellefonte Units 3 and 4 combined license application
Sent Date: 7/21/2008 3:44:36 PM
Received Date: 7/21/2008 3:44:38 PM
From: Brian Anderson

Created By: Brian.Anderson@nrc.gov

Recipients:

"Joseph Sebrosky" <Joseph.Sebrosky@nrc.gov>
Tracking Status: None
"Tanya Simms" <Tanya.Simms@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
"PMBelCOL.PEmails@nrc.gov" <PMBelCOL.PEmails@nrc.gov>
Tracking Status: None
"tespink@tva.gov" <tespink@tva.gov>
Tracking Status: None

Post Office: HQCLSTR01.nrc.gov

Files	Size	Date & Time
MESSAGE	321	7/21/2008 3:44:38 PM
RAI Letter 085 - ML082030670.pdf		140178

Options

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

BellefonteRAIsPEm Resource

From: Brian Anderson
Sent: Monday, July 21, 2008 3:24 PM
To: BellefonteRAIsPEm Resource
Subject: REQUEST FOR ADDITIONAL INFORMATION LETTER NO. 085 RELATED TO SRP SECTION 09.03.03 FOR THE BELLEFONTE UNITS 3 and 4 COMBINED LICENSE APPLICATION
Attachments: BLN-RAI-LTR-085.doc
Importance: High

Hearing Identifier: Bellefonte_COL_RAI_Public
Email Number: 63

Mail Envelope Properties (CB87FC66F95637428C5E0D066E756B6F7C72EA824F)

Subject: REQUEST FOR ADDITIONAL INFORMATION LETTER NO. 085 RELATED TO SRP SECTION 09.03.03 FOR THE BELLEFONTE UNITS 3 and 4 COMBINED LICENSE APPLICATION
Sent Date: 7/21/2008 3:23:33 PM
Received Date: 7/21/2008 3:23:34 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	7/21/2008 3:23:34 PM
BLN-RAI-LTR-085.doc	53242	

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

July 21, 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. 085 RELATED TO
SRP SECTION 09.03.03 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 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 301-415-9967 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. 524

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	JSegala*		TSimms*	PMoulding*	JSebrosky*
DATE	7/10/08		7/11/08	7/11/08	7/21/08

*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: 09.03.03 - Equipment and Floor Drainage System
Application Section: 9.2.9

QUESTIONS

09.03.03-2

In COL FSAR 9.2.9.2.2, the applicant provides a description of the waste water retention basin to address COL Information Item 9.2.11.2. The information provided does not include a description of basin transfer pumps. This design feature was included and approved in the AP1000, Rev. 15, design certification document, as documented in NUREG-1793, "Final Safety Evaluation Report Related to Certification of the AP1000 Standard Design." However, in Rev. 16, Westinghouse removed all references to the waste water retention basin from the DCD and identified it as COL information in Section 9.2.11.2. Therefore, please provide a description of basin transfer pumps.