

PMBelCOL PEmails

From: Tanya Simms
Sent: Monday, November 17, 2008 1:52 PM
To: 'rgrumbir@gmail.com'; 'alsterdis@tva.gov'; 'erg-xl@cox.net'; 'pshastings@duke-energy.com'; 'Ray, Phillip M'; 'kslays@duke-energy.com'; 'Bob Hirmanpour'; 'tespink@tva.gov'
Cc: Joseph Sebrosky; PMBelCOL PEmails
Subject: RAI Letter No. 135 Related SRP Section 8.2 for Bellefonte Units 3 and 4
Attachments: BEL-RAI-LTR-135.pdf

To All,

Attached is RAI Letter No. 135 related SRP Section 8.2 for Bellefonte Units 3 and 4. The ADAMS accession number is ML083220387.

Tanya Simms
Project Manager
New Reactor Licensing
U.S. Nuclear Regulatory Commission
11555 Rockville Pike
Rockville, Maryland 20852-2738
301-415-1387
Tanya.Simms@nrc.gov

Hearing Identifier: Bellefonte_COL_Public_EX
Email Number: 1236

Mail Envelope Properties (B4ECC0E252653F48B3F57C3B833465E8089DBC5347)

Subject: RAI Letter No. 135 Related SRP Section 8.2 for Bellefonte Units 3 and 4
Sent Date: 11/17/2008 1:52:12 PM
Received Date: 11/17/2008 1:52:13 PM
From: Tanya Simms

Created By: Tanya.Simms@nrc.gov

Recipients:

"Joseph Sebrosky" <Joseph.Sebrosky@nrc.gov>
Tracking Status: None
"PMBelCOL PEmails" <PMBelCOL.PEmails@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
"Ray, Phillip M" <pmray@tva.gov>
Tracking Status: None
"kslays@duke-energy.com" <kslays@duke-energy.com>
Tracking Status: None
"Bob Hirmanpour" <bobhirman@live.com>
Tracking Status: None
"tespink@tva.gov" <tespink@tva.gov>
Tracking Status: None

Post Office: HQCLSTR02.nrc.gov

Files	Size	Date & Time
MESSAGE	400	11/17/2008 1:52:13 PM
BEL-RAI-LTR-135.pdf	127991	

Options

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

BellefonteRAIsPEm Resource

From: Tanya Simms
Sent: Monday, November 17, 2008 12:59 PM
To: BellefonteRAIsPEm Resource
Subject: Request for Additional Information Letter No. 135 Related To SRP Section 08.02 for the Bellefonte Units 3 and 4 Combined License Application
Attachments: BEL-RAI-LTR-135.doc

Hearing Identifier: Bellefonte_COL_RAI_Public
Email Number: 122

Mail Envelope Properties (B4ECC0E252653F48B3F57C3B833465E8089DBC5344)

Subject: Request for Additional Information Letter No. 135 Related To SRP Section 08.02 for the Bellefonte Units 3 and 4 Combined License Application
Sent Date: 11/17/2008 12:59:24 PM
Received Date: 11/17/2008 12:59:25 PM
From: Tanya Simms

Created By: Tanya.Simms@nrc.gov

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

Post Office: HQCLSTR02.nrc.gov

Files	Size	Date & Time
MESSAGE	3	11/17/2008 12:59:25 PM
BEL-RAI-LTR-135.doc	52218	

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

November 17, 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. 135 RELATED TO
SRP SECTION 08.02 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 301-415-1387 or you may contact Joesph Sebrosky, the lead project manager for the Bellefonte combined license at 301-415-1132.

Sincerely,

/RA/

Tanya Simms, 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 301-415-1387 or you may contact Joseph Sebrosky, the lead project manager for the Bellefonte combined license at 301-415-1132.

Sincerely,

/RA/

Tanya Simms, Project Manager
AP1000 Projects Branch 1
Division of New Reactor Licensing
Office of New Reactors

Docket Nos. 52-014
52-015
eRAI Tracking No. 1579

Enclosure:
Request for Additional Information

Distribution:

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NRO-002

OFFICE	EEB/BC	NWE1/PM	OGC	NWE1/L-PM
NAME	RJenkins*	TSimms*	JMartin*	JSebrosky*
DATE	10/29/08	11/04/08	11/07/08	11/17/08

*Approval captured electronically in the electronic RAI system.

OFFICIAL RECORD COPY

**Request for Additional Information No. 1579 Revision 2
Bellefonte Units 3 and 4
Tennessee Valley Authority
Docket No. 52-014 and 52-015
SRP Section: 08.02 - Offsite Power System
Application Section: 08.02**

QUESTION for Electrical Engineering Branch (EEB)

08.02-9

RAI-SRP 8.2-EEB-09

Regulatory Guide 1.206, "Combined License Applications for Nuclear Power Plants (LWR Edition)," recommends that the FSAR description on offsite power should include all unusual features of the transmission lines such as crossovers or proximity of other lines (to ensure that no single event such as a tower-falling or a line breaking can simultaneously affect both circuits). Figure 8.2-202 of the Bellefonte FSAR shows that the 230 kV and 500 kV lines are running in parallel for Unit 3, but crossing each other for Unit 4 in the proximity of the plant. The NRC is concerned that during adverse weather conditions high winds could cause the loss of both the 500 kV and 230 kV lines to supply offsite power to Unit 4. Provide a justification that this vulnerability is acceptable in the FSAR.