

## PMBelCOL PEmails

---

**From:** Creek, Carolyn P [cpcreek@tva.gov]  
**Sent:** Tuesday, June 17, 2008 9:25 AM  
**To:** AGAUGHTM@SOUTHERNCO.COM; AMONROE@scana.com; D. Lindgren; David.Waters@pgnmail.com; Dorothy Boland; ED Cummins; erg-xl@cox.net; fredwanz@enercon.com; Jean-Pierre Berger; Joseph Sebrosky; M.C. Noland; Mallecia Hood; neilhaggerty@comcast.net; Ray, Phillip M; skowkabany@enercon.com; Tom Miller, DOE; William\_Maher@fpl.com; x2gabeck@SOUTHERNCO.COM  
**Cc:** crpierce@SOUTHERNCO.COM; F Burford; garry.miller@pgnmail.com; gzinke@entergy.com; Jean-Pierre Berger,EDF; Julie Giles; marilyn.kray@exeloncorp.com; N.T. Simms, Duke-Energy; pshastings@duke-energy.com; R Sisk @ Westinghouse ; RCLARY@scana.com; Rebecca.Smith-Kevern@nuclear.energy.gov; rgrumbir@gmail.com; Richard.Reister@nuclear.energy.gov; robert.kitchen@pgnmail.com; sfrantz@morganlewis.com; Wesley Sparkman  
**Subject:** Response to RAI Letter 019 Dated June 11  
**Attachments:** Response to RAI Letter No. 19 - Initial Plant Test Program.pdf

Response to RAI Letters No. 019 Initial Plant Test Program

<<Response to RAI Letter No. 19 - Initial Plant Test Program.pdf>>

*Carolyn Creek*

Management Assistant  
Nuclear Generation Development  
1101 Market Street, LP 5A  
Chattanooga, Tn. 37402  
(423) 751-6518 Fax: (423)-751-6509

**Hearing Identifier:** Bellefonte\_COL\_Public\_EX  
**Email Number:** 304

**Mail Envelope Properties** (28921B76CDD05940A918AEEC9EBCA7C007B4BFB8)

**Subject:** Response to RAI Letter 019 Dated June 11  
**Sent Date:** 6/17/2008 9:25:23 AM  
**Received Date:** 6/17/2008 9:27:37 AM  
**From:** Creek, Carolyn P

**Created By:** cpcreek@tva.gov

**Recipients:**

"crpierce@SOUTHERNCO.COM" <crpierce@SOUTHERNCO.COM>  
Tracking Status: None  
"F Burford" <FBURFOR@entergy.com>  
Tracking Status: None  
"garry.miller@pgnmail.com" <garry.miller@pgnmail.com>  
Tracking Status: None  
"gzinke@entergy.com" <gzinke@entergy.com>  
Tracking Status: None  
"Jean-Pierre Berger,EDF" <jean-pierre.berger@edf.fr>  
Tracking Status: None  
"Julie Giles" <JMGILES@scana.com>  
Tracking Status: None  
"marilyn.kray@exeloncorp.com" <marilyn.kray@exeloncorp.com>  
Tracking Status: None  
"N.T. Simms, Duke-Energy" <ntsimms@duke-energy.com>  
Tracking Status: None  
"pshastings@duke-energy.com" <pshastings@duke-energy.com>  
Tracking Status: None  
"R Sisk @ Westinghouse " <sisk1rb@westinghouse.com>  
Tracking Status: None  
"RCLARY@scana.com" <RCLARY@scana.com>  
Tracking Status: None  
"Rebecca.Smith-Kevern@nuclear.energy.gov" <Rebecca.Smith-Kevern@nuclear.energy.gov>  
Tracking Status: None  
"rgrumbir@gmail.com" <rgrumbir@gmail.com>  
Tracking Status: None  
"Richard.Reister@nuclear.energy.gov" <Richard.Reister@nuclear.energy.gov>  
Tracking Status: None  
"robert.kitchen@pgnmail.com" <robert.kitchen@pgnmail.com>  
Tracking Status: None  
"sfrantz@morganlewis.com" <sfrantz@morganlewis.com>  
Tracking Status: None  
"Wesley Sparkman" <wasparkm@SOUTHERNCO.COM>  
Tracking Status: None  
"AGAUGHTM@SOUTHERNCO.COM" <AGAUGHTM@SOUTHERNCO.COM>  
Tracking Status: None  
"AMONROE@scana.com" <AMONROE@scana.com>  
Tracking Status: None  
"D. Lindgren" <lindg1da@westinghouse.com>  
Tracking Status: None  
"David.Waters@pgnmail.com" <David.Waters@pgnmail.com>

Tracking Status: None  
 "Dorothy Boland" <dboland@enercon.com>  
 Tracking Status: None  
 "ED Cummins" <cumminwe@westinghouse.com>  
 Tracking Status: None  
 "erg-xl@cox.net" <erg-xl@cox.net>  
 Tracking Status: None  
 "fredwanz@enercon.com" <fredwanz@enercon.com>  
 Tracking Status: None  
 "Jean-Pierre Berger" <jpberger@edfina.fr>  
 Tracking Status: None  
 "Joseph Sebrosky" <Joseph.Sebrosky@nrc.gov>  
 Tracking Status: None  
 "M.C. Noland" <mcnolan@duke-energy.com>  
 Tracking Status: None  
 "Mallecia Hood" <Mallecia.Hood@nrc.gov>  
 Tracking Status: None  
 "neilhaggerty@comcast.net" <neilhaggerty@comcast.net>  
 Tracking Status: None  
 "Ray, Phillip M" <pmray@tva.gov>  
 Tracking Status: None  
 "skowkabany@enercon.com" <skowkabany@enercon.com>  
 Tracking Status: None  
 "Tom Miller, DOE" <tom.miller@hq.doe.gov>  
 Tracking Status: None  
 "William\_Maher@fpl.com" <William\_Maher@fpl.com>  
 Tracking Status: None  
 "x2gabeck@SOUTHERNCO.COM" <x2gabeck@SOUTHERNCO.COM>  
 Tracking Status: None

**Post Office:** TVACOCXVS1.main.tva.gov

Files	Size	Date & Time
MESSAGE	332	6/17/2008 9:27:37 AM
Response to RAI Letter No. 19 - Initial Plant Test Program.pdf		450705

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



Tennessee Valley Authority, 1101 Market Street, LP 5A, Chattanooga, Tennessee 37402-2801

June 11, 2008

10 CFR 52.79

U.S. Nuclear Regulatory Commission  
ATTN: Document Control Desk  
Washington, D.C. 20555

In the Matter of )  
Tennessee Valley Authority )

Docket No. 52-014 and 52-015

BELLEVILLE COMBINED LICENSE APPLICATION – RESPONSE TO REQUEST FOR  
ADDITIONAL INFORMATION – INITIAL PLANT TEST PROGRAM

Reference: Letter from Brian C. Anderson (NRC) to Andrea L. Sterdis (TVA), Request for  
Additional Information Letter No. 019 Related to SRP Section 14.02 for the  
Belleville Units 3 and 4 Combined License Application, dated May 13, 2008.

This letter provides the Tennessee Valley Authority's (TVA) response to the Nuclear Regulatory  
Commission's (NRC) request for additional information (RAI) items included in the reference  
letter.

A response to each NRC request in the subject letter is addressed in the enclosure and also  
identifies no changes that will be made in a future revision of the BLN application.

If you should have any questions, please contact Phillip Ray at 1101 Market Street, LP5A,  
Chattanooga, Tennessee 37402-2801, by telephone at (423) 751-7030, or via email at  
pmray@tva.gov.

I declare under penalty of perjury that the foregoing is true and correct.

Executed on this 11<sup>th</sup> day of June, 2008

Jack A. Bailey  
Vice President, Nuclear Generation Development

Enclosure  
cc: See Page 2

cc: (Enclosures)

B.C. Anderson, NRC/HQ  
E. Cummins, Westinghouse  
S. P. Frantz, Morgan Lewis  
M.W Gettler, FP&L  
R.C. Grumbir, NuStart  
P. S. Hastings, NuStart  
P. Hinnenkamp, Entergy  
M.C. Kray, NuStart  
D. Lindgren, Westinghouse  
G.D. Miller, PG&N  
M.C. Nolan, Westinghouse  
N.T. Simms, Westinghouse  
G.A. Zinke, NuStart

cc: (w/o Enclosure)

R.H. Kitchen, PGN  
M.C.Kray, NuStart  
A.M.Monroe, SCE&G  
C. R.Pierce, SNC  
R. Register, DOE/PM  
L. Reyes, NRC/RII  
J.M. Sebrosky, NRC/HQ

Enclosure  
TVA letter dated June 11, 2008  
RAI Responses

Responses to NRC Request for Additional Information letter No. 019 dated May 13, 2008  
(2 pages Including this one)

Subject: Initial Plant Test Program

<u>RAI Number</u>	<u>Date of TVA Response</u>
14.02-03	This letter – see following pages

Attachments / Enclosures

Pages Included

None

Enclosure  
TVA letter dated June 11, 2008  
RAI Responses

**NRC Letter Dated: May 13, 2008**

**NRC Review of Final Safety Analysis Report**

**NRC RAI NUMBER: 14.02-03**

Regulatory Guide 1.68, Section C.1, "Criteria for Selection of Plant Features to be Tested," provides the criteria for the selection of plant features to be tested during the conduct of the initial test program. Standard COL information item 14.4.5 of the Westinghouse DCD states that the COL applicant is responsible for testing that may be required of structures and systems which are outside of the design certification. Section 14.2 of the Bellefonte COL application addresses COL information item 14.4.5 and provides test abstracts for the following interfacing systems:

- Storm drains
- Site-specific seismic sensors
- Offsite AC power systems
- Raw Water System
- Sanitary Drainage System
- Fire Brigade Support Equipment
- Portable Personnel Monitors and Radiation Survey Instruments
- Cooling Tower(s)

Please confirm that the test abstracts included in Section 14.2 of the Bellefonte COL application to address COL information item 14.4.5 are applicable to Bellefonte Units 3 and 4. In addition, please confirm that there are no additional site-specific structures, systems, and/or design features that meet the criteria of Regulatory Position C.1 of RG 1.68 and for which testing should be addressed in Section 14.2 of the Bellefonte COL application.

**BLN RAI ID: 0361**

**BLN RESPONSE:**

It is hereby confirmed that the test abstracts included in Section 14.2 of the COL application to address COL information item 14.4.5 are applicable to the plant addressed by the COL application in which they are included. In addition, it is confirmed that there are no additional site-specific structures, systems, and/or design features that meet the criteria of Regulatory Position C.1 of Regulatory Guide 1.68 and for which testing should be addressed in Section 14.2 of the COL application.

This response is expected to be STANDARD for the S-COLAs.

**ASSOCIATED BLN COL APPLICATION REVISIONS:**

No COLA revisions have been identified associated with this response.

**ATTACHMENTS/ENCLOSURES:**

None