



January 20, 2010  
NND-10-0013

U.S. Nuclear Regulatory Commission  
Document Control Desk  
Washington, DC 20555

ATTN: Document Control Desk

Subject: Virgil C. Summer Nuclear Station (VCSNS) Units 2 and 3 Combined License Application (COLA) - Docket Numbers 52-027 and 52-028 Endorsement of Bellefonte R-COLA Standard Content Request for Additional Information

Reference: Letter from Andrea L. Sterdis (TVA) to NRC Document Control Desk, Bellefonte Combined License Application – Summary Identification of Standard Content in Response to Requests for Additional Information, dated November 16, 2009.

The enclosed table (Attachment 1) provides the South Carolina Electric & Gas Company (SCE&G) response to the TVA's table of standard content provided to the NRC in a letter dated November 16, 2009. Under the column "S-COLA Endorsement", each RAI response provided by TVA is classified as applicable or not applicable to the Virgil C. Summer Nuclear Station (VCSNS) Units 2 and 3 COLA.

Should you have any questions, please contact Mr. Alfred M. Paglia by telephone at (803) 345-4191, or by email at [apaglia@scana.com](mailto:apaglia@scana.com).

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

Executed on this 20<sup>th</sup> day of January, 2010.

Sincerely,

Ronald B. Clary  
Vice President  
New Nuclear Deployment

JMG/RBC/jg

Enclosure

D083  
NRW

c (with attachment):

Luis A. Reyes

Joseph M. Sebrosky

John Zeiler

Stephen A. Byrne

Jeffrey B. Archie

Ronald B. Clary

Bill McCall

William M. Cherry

Randolph R. Mahan

Kathryn M. Sutton

Amy M. Monroe

Courtney W. Smyth

Frederick P. Hughes

William E. Hutchins

William A. Fox

Grayson Young

FileNet

Attachment 1

AP1000 S-COLA (SCE&G) Endorsement

of

BLN R-COLA Standard RAIs

Note: The attached document is 2 pages in length

| RAI/OI ID# | ERA/OI # | RAI/OI Topic/Subject                        | Date Submitted | RAI/OI Ltr #         | Utility Specific | Official NRC RAI/OI # | S-COLA Endorsement |
|------------|----------|---|----------------|----------------------|------------------|-----------------------|--------------------|
| 3264       | 1425     | NWE1- Reg Guide compliance                  | 4/3/2009       | BLN-RAI-LTR-142 S    | Standard         | 01-11 VR              | Yes                |
| 3214       | 2059     | NWE1- DOE Spent fuel contract               | 5/27/2009      | BLN-RAI-LTR-147 S1   | TVA              | 01-12.                | N/A                |
| 3309       | 2592     | NWE1- DCD Interfaces                        | 5/29/2009      | BLN-RAI-LTR-156      | Note 1           | 01-14.                | Note 9             |
| 3457       | 1480     | RSAC- IDLH concentrations                   | 6/29/2009      | BLN-RAI-LTR-132 S2   | TVA              | 02.02.03-08 VR        | N/A                |
| 3573       | 518      | RSAC- Mixing heights and ventilation rates  | 8/10/2009      | BLN-RAI-LTR-077 S3   | TVA              | 02.03.02-03 VR        | N/A                |
| 3273       | 2444     | RSAC- Met tower height                      | 4/15/2009      | BLN-RAI-LTR-154      | TVA              | 02.03.03-07           | N/A                |
| 3574       | 1746     | RSAC- dispersion info                       | 8/10/2009      | BLN-RAI-LTR-140 S1   | TVA              | 02.03.05-06 VR        | N/A                |
| 3190       | 2046     | RHEB- channel representations               | 6/1/2009       | BLN-RAI-LTR-145 S1   | TVA              | 02.04.02-09           | N/A                |
| 3371       | 2778     | RHEB- PMF Calcs                             | 5/15/2009      | BLN-RAI-LTR-158      | TVA              | 02.04.03-08           | N/A                |
| 3407       | 2778     | RHEB- PMF Calcs                             | 6/8/2009       | BLN-RAI-LTR-158 S1   | TVA              | 02.04.03-08 update    | N/A                |
| 3408       | 2778     | RHEB- PMF Calcs                             | 7/2/2009       | BLN-RAI-LTR-158 S2   | TVA              | 02.04.03-08 update    | N/A                |
| 3409       | 2778     | RHEB- PMF Calcs                             | 7/27/2009      | BLN-RAI-LTR-158 S3   | TVA              | 02.04.03-08 update    | N/A                |
| 3410       | 2778     | RHEB- PMF Calcs                             | 8/17/2009      | BLN-RAI-LTR-158 S4   | TVA              | 02.04.03-08 update    | N/A                |
| 3431       | 2936     | RHEB- Wheeler Reservoir                     | 6/29/2009      | BLN-RAI-LTR-160      | TVA              | 02.04.03-09           | N/A                |
| 3927       | 2936     | RHEB- Wheeler Reservoir                     | 10/27/2009     | BLN-RAI-LTR-160 S1   | TVA              | 02.04.03-09           | N/A                |
| 3314       | 2541     | RGS1- Charleston method                     | 5/11/2009      | BLN-RAI-LTR-155      | TVA              | 02.05.02-10           | N/A                |
| 1123       | 691      | SEB1- Annex Building                        | 9/5/2008       | BLN-RAI-TR-110       | Note 2           | 03.07.01-03           | Yes                |
| 603        | 110      | CIB1- Inservice Testing - Snubber info      | 8/27/2009      | BLN-RAI-LTR-007 S2   | Standard         | 03.09.06-03           | Yes                |
| NA         | NA       | Coatings program update                     | 5/11/2009      | BLN-VOL-LTR-Coatings | Standard         | NA - 06.01.03         | Yes                |
| 3317       | 326      | Revision to Containment Cleanliness Program | 5/15/2009      | BLN-RAI-LTR-030 S1   | Standard         | 06.02.02-01 VR        | Note 10            |
| 3440       | 326      | Containment Cleanliness Program             | 6/9/2009       | BLN-RAI-LTR-030 S2   | Standard         | 06.02.02-01 VR        | Yes                |
| 3333       | 2644     | SPCV- CILRT limit                           | 6/2/2009       | BLN-RAI-LTR-157      | TVA              | 06.02.06-02           | N/A                |
| 3334       | 2646     | SPCV- CILRT EXEMPTION                       | 6/2/2009       | BLN-RAI-LTR-157      | TVA              | 06.02.06-03           | N/A                |
| 3406       | 2734     | SPCV- Chlorine analysis                     | 6/29/2009      | BLN-RAI-LTR-159      | TVA              | 06.04-06              | N/A                |
| 3308       | 537      | ICE1- RG 1.97 meteorological parameters     | 5/11/2009      | BLN-RAI-LTR-089 S2   | TVA              | 07.05-01 VR           | N/A                |
| 3265       | 175      | EEB- SBO                                    | 4/15/2009      | BLN-RAI-LTR-025 S1   | Standard         | 08.01-02 VR           | Yes                |
| 3269       | 177      | EEB- Grid stability                         | 4/6/2009       | BLN-RAI-LTR-026 S1   | TVA              | 08.02-07 VR           | N/A                |
| 3191       | 2108     | EEB- GDC Questions                          | 4/23/2009      | BLN-RAI-LTR-151      | Standard         | 08.02-10              | Yes                |
| 3185       | 2175     | EEB- Grid voltage                           | 4/6/2009       | BLN-RAI-LTR-149      | TVA              | 08.02-NA VR           | N/A                |
| 3006       | 1934     | EEB- AC Power System Pre-op Testing         | 4/6/2009       | BLN-RAI-LTR-149      | Standard         | 08.03.01-02           | Yes                |
| 3576       | 3571     | CIB1- Metamic Program                       | 9/22/2009      | BLN-RAI-LTR-165      | TVA              | 09.01.02-01           | N/A                |
| 3838       | 3571     | CIB1- Metamic Program                       | 10/8/2009      | BLN-RAI-LTR-165 S1   | Standard         | 09.01.02-01           | Yes                |
| 3270       | 2426     | SFPT- Fire Protection                       | 4/23/2009      | BLN-RAI-LTR-153      | Standard         | 09.05.01-17           | Yes                |
| 3390       | 169      | CIB1- FAC                                   | 5/26/2009      | BLN-RAI-LTR-018 S1   | Standard         | 10.03.06-01 VR        | Yes                |
| 3391       | 169      | CIB1- FAC                                   | 5/26/2009      | BLN-RAI-LTR-018 S1   | Standard         | 10.03.06-02 VR        | Yes                |
| 3624       | 169      | CIB1- FAC                                   | 9/9/2009       | BLN-RAI-LTR-018 S2   | Standard         | 10.03.06-02 VR        | Yes                |
| 3392       | 169      | CIB1- FAC                                   | 5/26/2009      | BLN-RAI-LTR-018 S1   | Standard         | 10.03.06-03 VR        | Yes                |
| NA         | NA       | NEI 07-10A incorporation                    | 4/23/2009      | BLN-VOL-NEI 07-10A   | Standard         | NA - 11.04            | Yes                |
| NA         | NA       | NEI 07-09A incorporation                    | 4/23/2009      | BLN-VOL-NEI 07-09A   | Standard         | NA - 11.05            | Yes                |
| NA         | NA       | NEI 06-13A incorporation                    | 5/11/2009      | BLN-VOL-NEI 06-13A   | Standard         | NA - 13.02            | Yes                |
| 3526       | 1783     | EPB- EALS                                   | 7/13/2009      | BLN-RAI-LTR-146 S1   | TVA              | 13.03-40 VR           | N/A                |
| 3306       | 171      | EEB- Offsite power ITAAC                    | 5/11/2009      | BLN-RAI-LTR-027 S1   | Note 3           | 14.03-01 VR           | Yes <sup>11</sup>  |
| 3337       | 1269     | RSAC- LOCA Dose Calcs                       | 8/17/2009      | BLN-RAI-LTR-129 S2   | TVA              | 15.00.03-01           | N/A                |
| 3184       | 2211     | SPLA- DRAP                                  | 4/9/2009       | BLN-RAI-LTR-150      | Standard         | 17.04-02              | Yes                |
| 3521       | 137      | CQVP- QAPD                                  | 7/13/2009      | BLN-RAI-LTR-016 S2   | Note 4           | 17.05-15 VR           | Yes                |
| 3522       | 137      | CQVP- QAPD                                  | 7/13/2009      | BLN-RAI-LTR-016 S2   | Standard         | 17.05-17 VR           | Yes                |

| RAI/OI ID# | ERA/OI # | RAI/OI Topic/Subject           | Date Submitted | RAI/OI Ltr #    | Utility Specific | Official NRC RAI/OI # | S-COLA Endorsement |
|------------|----------|--------------------------------|----------------|-----------------|------------------|-----------------------|--------------------|
| 3193       | 1985     | SPLA- Event applicability      | 4/15/2009      | BLN-RAI-LTR-152 | TVA              | 19-08                 | N/A                |
| 3194       | 1985     | SPLA- Document results         | 4/15/2009      | BLN-RAI-LTR-152 | Note 5           | 19-09                 | Yes                |
| 3195       | 1985     | SPLA- Tornado classification   | 4/15/2009      | BLN-RAI-LTR-152 | TVA              | 19-10                 | N/A                |
| 3196       | 1985     | SPLA- Tornado sample size      | 4/15/2009      | BLN-RAI-LTR-152 | TVA              | 19-11                 | N/A                |
| 3197       | 1985     | SPLA- Tornado probability      | 4/15/2009      | BLN-RAI-LTR-152 | TVA              | 19-12                 | N/A                |
| 3198       | 1985     | SPLA- Hurricane frequency      | 4/15/2009      | BLN-RAI-LTR-152 | TVA              | 19-13                 | N/A                |
| 3199       | 1985     | SPLA- Hurricane frequency def  | 4/15/2009      | BLN-RAI-LTR-152 | TVA              | 19-14                 | N/A                |
| 3200       | 1985     | SPLA- High wind frequency      | 4/15/2009      | BLN-RAI-LTR-152 | TVA              | 19-15                 | N/A                |
| 3201       | 1985     | SPLA- External flooding        | 4/15/2009      | BLN-RAI-LTR-152 | TVA              | 19-16                 | N/A                |
| 3202       | 1985     | SPLA- Toxic materials          | 4/15/2009      | BLN-RAI-LTR-152 | TVA              | 19-17                 | N/A                |
| 3203       | 1985     | SPLA- External hazards         | 4/15/2009      | BLN-RAI-LTR-152 | TVA              | 19-18                 | N/A                |
| 3204       | 1985     | SPLA- External fire evaluation | 4/15/2009      | BLN-RAI-LTR-152 | TVA              | 19-19                 | N/A                |
| 3205       | 1985     | SPLA- Plant specific info      | 4/15/2009      | BLN-RAI-LTR-152 | Standard         | 19-20                 | Yes                |
| 3206       | 1985     | SPLA- SAMG                     | 4/15/2009      | BLN-RAI-LTR-152 | Standard         | 19-21                 | Yes                |

## Notes:

|    |   |
|----|---|
| 1  | The response to RAI 01-14 is Plant-Specific, however the application revisions contain STANDARD changes.  |
| 2  | Correction - RAI 03.07.01-03 originally identified in the October 24, 2008 letter as plant-specific. This RAI response was actually a STANDARD response.                          |
| 3  | The S1 response to RAI 14.03-01 identifies the RAI/OI ID# 3190, but Qb identifies this item as #3306.   |
| 4  | The S2 response to RAI 17.05-15 identifies changes to the plant-specific QAPD; however, the changes identified are expected to be made for all S-COLAs based on the NEI template. |
| 5  | The response to RAI 19-09 contains both plant-specific and STANDARD changes.  |
| 6  | BLN-RAI-LTR-161 not listed. RAIs 12.03 -12.04-06 was addressed by TVA as S-COLA item.   |
| 7  | BLN-RAI-LTR-166 not listed. RAIs 13.06-01 through 13.06-16 were addressed by TVA as S-COLA items.   |
| 8  | Security related submittals generally not listed; these were addressed by TVA as S-COLA items.  |
| 9  | This RAI is superseded by V.C. Summer site specific response to RAI-01-4, per SCE&G Letter NND-09-0312, dated November 12, 2009.  |
| 10 | This RAI is superseded by BLN-RAI-LTR-030 S2.   |
| 11 | Contains both standard and site specific COLA revisions; item 1 is considered site specific.  |