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SOUTHERN COMPANY

NOV 20 2009

Docket Nos.: 52-025
52-026

ND-09-1852

U.S. Nuclear Regulatory Commission
Document Control Desk
Washington, DC 20555-0001

Southern Nuclear Operating Company
Endorsement of Bellefonte R-COLA Standard Content Requests for Additional Information
for Vogtle Electric Generating Plant Units 3 and 4 Combined License Application

Ladies and Gentlemen:

In a letter dated November 16, 2009, Tennessee Valley Authority (TVA) identified the responses to the U.S. Nuclear Regulatory Commission's (NRC's) requests for additional information (RAIs) and other voluntary responses for the Reference Combined License Application (R-COLA) that include standard content for the AP1000 COLAs to supplement the information provided in their letters of October 24, 2008 and April 15, 2009. The attachment to the TVA letter sorted the RAIs by NRC RAI number, listed the letter number for each formal RAI (that was initiated through the NRC electronic RAI process), and identified the response as either standard or TVA plant-specific. The attachment also provided a column for AP1000 Subsequent COLAs (S-COLAs) to indicate endorsement of the standard content RAI responses.

Enclosed in this letter is a completed table that identifies the RAI responses and other voluntary responses that contain standard content and have been endorsed as being applicable to the Vogtle Electric Generating Plant (VEGP) Units 3 and 4 S-COLA. The table in the enclosure includes the RAI responses and other voluntary responses submitted by TVA after March 31, 2009, and as of October 31, 2009.

If you have any questions regarding this letter, please contact Mr. Wes Sparkman at (205) 992-5061.

D092
NRO

Mr. J. A. (Buzz) Miller states he is an Executive Vice President of Southern Nuclear Operating Company, is authorized to execute this oath on behalf of Southern Nuclear Operating Company and to the best of his knowledge and belief, the facts set forth in this letter are true.

Respectfully submitted,

SOUTHERN NUCLEAR OPERATING COMPANY

Joseph A. (Buzz) Miller

Sworn to and subscribed before me this 20th *day of* November, *2009*

Notary Public: Dana M Williams

My commission expires: 12/29/2010

JAM/GAB/dmw

Enclosure: AP1000 S-COLA (VEGP) Endorsement of BLN R-COLA Standard Content RAIs and Voluntary Letters

cc: Southern Nuclear Operating Company
Mr. J. H. Miller, III, President and CEO (w/o enclosure)
Mr. J. T. Gasser, Executive Vice President, Nuclear Operations (w/o enclosure)
Mr. D. H. Jones, Site Vice President, Vogtle 3 & 4 (w/o enclosure)
Mr. T. E. Tynan, Vice President - Vogtle (w/o enclosure)
Mr. D. M. Lloyd, Vogtle 3 & 4 Project Support Director
Mr. M. K. Smith, Technical Support Director
Mr. C. R. Pierce, AP1000 Licensing Manager
Mr. M. J. Ajluni, Nuclear Licensing Manager
Mr. W. A. Sparkman, COL Project Engineer
Document Services RTYPE: AR01.1053
File AR.01.02.06

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Mr. B. Hughes, Project Manager of New Reactors
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Mr. B. C. Anderson, Project Manager of New Reactors
Mr. M. M. Comar, Project Manager of New Reactors
Ms. S. Goetz, Project Manager of New Reactors
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Mr. P. S. Hastings, NuStart & Duke Energy
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Mr. J. P. Berger, EDF
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Mr. P. Hinnenkamp, Entergy
Mr. G. D. Miller, PG&N
Mr. M. C. Nolan, Duke Energy
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Southern Nuclear Operating Company

ND-09-1852

Enclosure

AP1000 S-COLA (VEGP) Endorsement

of

BLN R-COLA Standard Content RAIs and Voluntary Letters

NOTE: The enclosed document is 2-pages in length.

RAI/OI ID#	ERAI/OI #	RAI/OI Topic/Subject	Date Submitted	RAI/OI Ltr #	Utility Specific	Official NRC RAI/OI #	VEGP 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.	Yes, for STANDARD portions
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	Yes
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	See SNC Letter ND-09-0671, Submitted May 15, 2009
3269	177	EEB- Grid stability	4/6/2009	BLN-RAI-LTR-026 S	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	10/9/2009	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, for STANDARD portions
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, for STANDARD portions
3522	137	CQVP- QAPD	7/13/2009	BLN-RAI-LTR-016 S2	Standard	17.05-17 VR	Yes
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, for STANDARD portions
3195	1985	SPLA- Tornado classification	4/15/2009	BLN-RAI-LTR-152	TVA	19-10	N/A

RAI/OI ID#	ERAI/OI #	RAI/OI Topic/Subject	Date Submitted	RAI/OI Ltr #	Utility Specific	Official NRC RAI/OI #	VEGP S-COLA Endorsement
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.