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Docket Nos.: 52-025  
52-026

ND-09-1867

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

Southern Nuclear Operating Company  
Vogtle Electric Generating Plant Units 3 and 4 Combined License Application  
Summary Identification of Standard Content in Response to  
Safety Evaluation Report Open Items

Ladies and Gentlemen:

By letter dated March 28, 2008, Southern Nuclear Operating Company (SNC) submitted an application for combined licenses (COLs) for proposed Vogtle Electric Generating Plant (VEGP) Units 3 and 4 to the U.S. Nuclear Regulatory Commission (NRC) for two Westinghouse AP1000 reactor plants, in accordance with 10 CFR Part 52. As a result of the NRC's detailed review of the initial AP1000 Reference COL application (Bellefonte Units 3 and 4), the NRC has written safety evaluation reports (SERs) with open items (OIs) for selected chapters. VEGP is addressing the standard OIs identified in the SERs as the new Reference COL applicant.

This letter provides a listing of each SER OI and identifies the responses provided for the Reference Combined License Application (R-COLA) that include standard content for the Subsequent AP1000 COLAs. The attached table, which is sorted by NRC SER OI number, lists the Chapter in which the SER OI can be found and identifies the response as standard. A column for an AP1000 Subsequent COLA (S-COLA) indication of endorsement is provided as a placeholder in the table to facilitate the transmittal of subsequent applicants' evaluation.

The table includes the standard SER OI responses that have been submitted as of October 31, 2009. Similar summary information will be submitted periodically to include future responses (and supplements) to formal R-COLA SER OIs.

If you have any questions regarding this letter, please contact Mr. Wes Sparkman at (205) 992-5061 or Ms. Amy Aughtman at (205) 992-5805.

DO92  
NRC

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

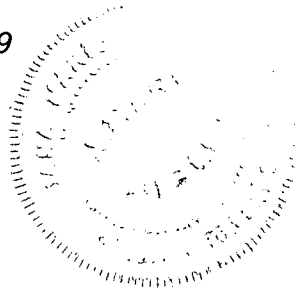


Joseph A. (Buzz) Miller

Sworn to and subscribed before me this 20<sup>th</sup> day of November, 2009

Notary Public: Dana M. Williams

My commission expires: 12/29/2010



JAM/BJS/dmw

Enclosure:

1. Listing of Standard Content Responses to R-COLA SER Open Items

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. J. D. Williams, Vogtle 3 & 4 Site Support Manager  
Mr. W. A. Sparkman, COL Project Engineer  
Document Services RTYPE: AR01.1053  
File AR.01.02.06

Nuclear Regulatory Commission

Mr. L. A. Reyes, Region II Administrator  
Mr. F.M. Akstulewicz, Deputy Director Div. of Safety Systems & Risk Assess. (w/o enclosure)  
Mr. R. G. Joshi, Lead Project Manager of New Reactors  
Mr. B. Hughes, Project Manager of New Reactors  
Ms. T. E. Simms, Project Manager of New Reactors  
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  
Mr. J. M. Sebrosky, Project Manager of New Reactors  
Mr. D. C. Habib, Project Manager of New Reactors  
Mr. C. P. Patel, Project Manager of New Reactors  
Ms. D. L. McGovern, Project Manager of New Reactors  
Ms. M. A. Sutton, Environmental Project Manager  
Mr. M. D. Notich, Environmental Project Manager  
Mr. L. M. Cain, Senior Resident Inspector of VEGP

Georgia Power Company

Mr. O. C. Harper, IV, Vice President, Resource Planning and Nuclear Development

Oglethorpe Power Corporation

Mr. M. W. Price, Executive Vice President and Chief Operating Officer  
Mr. K. T. Haynes, Director of Contracts and Regulatory Oversight

Municipal Electric Authority of Georgia

Mr. S. M. Jackson, Vice President, Power Supply

Dalton Utilities

Mr. D. Cope, President and Chief Executive Officer

Bechtel Power Corporation

Mr. J. S. Prebula, Project Engineer (w/o enclosure)  
Mr. R. W. Prunty, Licensing Engineer

Tetra Tech NUS, Inc.

Ms. K. K. Patterson, Project Manager

Shaw Stone & Webster, Inc.

Mr. K. B. Allison, Project Manager (w/o enclosure)

Mr. J. M. Oddo, Licensing Manager

Mr. D. C. Shutt, Licensing Engineer

Westinghouse Electric Company, LLC

Mr. W. E. Cummins, Vice President of Regulatory Affairs & Standardization (w/o enclosure)

Mr. N. C. Boyter, Consortium Project Director Vogtle Units 3 & 4 (w/o enclosure)

Mr. S. A. Bradley, Vogtle Project Licensing Manager

Mr. R. B. Sisk, Manager, AP1000 Licensing and Customer Interface

Mr. J. L. Whiteman, Principal Engineer, Licensing & Customer Interface

Mr. D. A. Lindgren, Principal Engineer, AP1000 Licensing and Customer Interface

NuStart Energy

Mr. R. J. Grumbir

Mr. E. R. Grant

Mr. B. Hirmanpour

Mr. N. Haggerty

Ms. K. N. Slays

Other NuStart Energy Associates

Ms. M. C. Kray, NuStart

Mr. S. P. Frantz, Morgan Lewis

Mr. P. S. Hastings, NuStart & Duke Energy

Mr. J. A. Bailey, TVA

Ms. A. L. Sterdis, TVA

Mr. J. P. Berger, EDF

Mr. M. W. Gettler, FP&L

Mr. P. Hinnenkamp, Entergy

Mr. G. D. Miller, PG&N

Mr. M. C. Nolan, Duke Energy

Mr. N. T. Simms, Duke Energy

Mr. G. A. Zinke, NuStart & Entergy

Mr. R. H. Kitchen, PGN

Ms. A. M. Monroe, SCE&G

Mr. R. Reister, DOE/PM

**Southern Nuclear Operating Company**

**ND-09-1867**

**Enclosure**

**Listing of Standard Content Responses**

**to**

**R-COLA SER Open Items**

**NOTE:** The enclosed document is 1-page in length.

RAI/OI ID#	ERAI/OI #	RAI/OI Topic/Subject	Date Submitted	RAI/OI Ltr #	Utility Specific	Official NRC RAI/OI #	S-COLA Endorsement
3429	2610	NWE1- Update per Final DCD	7/29/2009	COL-SER-OI-Ch01	Standard	OI 01-01	
3430	2640	NWE1- License Conditions	7/29/2009	COL-SER-OI-Ch01	Standard	OI 01-02	
3519	1425	NWE1- RG positions	7/29/2009	COL-SER-OI-Ch01	Standard	OI 01.04-02	
3432	2997	NWE1- Staff review ongoing	7/29/2009	COL-SER-OI-Ch01	Standard	OI 01.04-03.a	
3525	2997	NWE1- Staff review ongoing	7/29/2009	COL-SER-OI-Ch01	Standard	OI 01.04-03.b	
3433	2997	NWE1- Positive statement	7/29/2009	COL-SER-OI-Ch01	Standard	OI 01.04-04	
3428	2566	NWE1- 30/40/70	7/29/2009	COL-SER-OI-Ch01	Standard	OI 01.05-01	
3625*	1425	NWE1- RG positions	9/21/2009	COL-SER-OI-Ch01 S1	Standard	OI 01.04-02 VR	
3529	77	CIB1- RxV head inspections Conf Item	8/24/2009	COL-SER-OI-Ch05 Conf	Standard	CI 05.02-01	
3568	39	CIB1- RxV materials surv Conf Item	8/24/2009	COL-SER-OI-Ch05 Conf	Standard	CI 05.03-01	
3442*	169	CIB1- FAC	7/16/2009	COL-SER-OI-Ch10	Standard	OI 10.01-01	
3513	3276	RP- NEI 07-08	7/16/2009	COL-SER-OI-Ch12	Standard	OI 12.01-01	
3514	0613, 0863	RP- NEI 08-08	7/16/2009	COL-SER-OI-Ch12	Standard	OI 12.03-01	
3515	2753	RP- Construction worker dose minimization	7/16/2009	COL-SER-OI-Ch12	Standard	OI 12.04-01	
3916	3282	RP- NEI 07-08	10/30/2009	COL-SER-OI-Ch12 S1	Standard	OI 12.01-01	
3917	863	RP- NEI 08-08	10/30/2009	COL-SER-OI-Ch12 S1	Standard	OI 12.03-01	
3524	866	RP- NEI 07-03 Conf Item	10/16/2009	COL-SER-OI-Ch12 Conf	Standard	CI 12.01-01	
3500	NRC Action	SUT- LC#06 concerns	7/16/2009	COL-SER-OI-Ch14	Standard	OI 14.02-01	
3501	NRC Action	SUT- LC#08 concerns	7/16/2009	COL-SER-OI-Ch14	Standard	OI 14.02-02	
3507	1450	TS- setpoint methodology and program	7/17/2009	COL-SER-OI-Ch16	Standard	OI 16.01-01	
3489	3473*	QA- NEI 06-14 - RG 1.33	7/29/2009	COL-SER-OI-Ch17	Standard	OI 17.01-01	
3493	0066 - 17.5-5	QA- NEI 06-14 - Regulation citation	7/29/2009	COL-SER-OI-Ch17	Standard	OI 17.05-01	
3494	0066 - 17.5-6	QA- NEI 06-14 - IRC per ANSI N18.7	7/29/2009	COL-SER-OI-Ch17	Standard	OI 17.05-02	
3495	0066 - 17.5-7	QA- NEI 06-14 - ID licensee	7/29/2009	COL-SER-OI-Ch17	Standard	OI 17.05-03	
3496	0137 - 17.5-13	QA- NEI 06-14 - CG calibration services	7/29/2009	COL-SER-OI-Ch17	Standard	OI 17.05-04	
3497	0137 - 17.5-14	QA- NEI 06-14 - CG dedication	7/29/2009	COL-SER-OI-Ch17	Standard	OI 17.05-05	
3498	0137 - 17.5-17	QA- NEI 06-14 - RG position concerns	7/29/2009	COL-SER-OI-Ch17	Standard	OI 17.05-06	
3505	815	PRA- Seismic margins	7/16/2009	COL-SER-OI-Ch19	Note 1	OI 19.59-01	Note 1
3594	815	PRA- Seismic margins withdrawal	9/10/2009	COL-SER-OI-Ch19 WD	Note 1	OI 19.59-01 WD	Note 1

## NOTES:

- \* RAI/OI ID # 3529 shown above was incorrectly identified in the letter as item number 3519.  
RAI/OI ID # 3442 shown above was incorrectly identified in the letter as item number 3489.  
For RAI/OI ID # 3489, the ERAI/OI # 3473 is per NRC data. The letter incorrectly identified the ERAI/OI # as 1425.
- 1 RAI/OI ID # 3505 was subsequently withdrawn via RAI/OI ID # 3594 since the response was determined to be plant-specific. Thus, neither of these COL-SER-OI-CH19 letters need to be endorsed by the S-COLAs.