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MAR 3 1 2011

Docket Nos.: 52-025
52-026

ND-11-0522

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 Reference Combined License Application
Standard Content Submittals

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. The application was patterned after the initial AP1000 Reference COL application (Bellefonte Units 3 and 4). The NRC wrote a safety evaluation report (SER) with open items (OIs) for the Bellefonte COL application. Subsequently, VEGP Units 3 and 4 became the AP1000 Reference COL applicant.

The enclosure to this letter provides a listing of submittals, in table format, for the Reference Combined License Application (R-COLA) that address SER OIs and other concerns, some of which include standard content for the AP1000 Subsequent COLAs (S-COLAs). The attached table, which is sorted by the associated NRC RAI/OI number, identifies the response as either standard or plant-specific. A column for an AP1000 S-COLA indication of endorsement is provided as a placeholder in the table to facilitate the transmittal of subsequent applicants' evaluations.

The table supplements the SNC R-COLA submittals identified in the previous such listing (SNC letter ND-10-1608, dated August 23, 2010) through March 16, 2011. Similar summary information will be submitted periodically to include future responses (and supplements) to formal R-COLA submittals.

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.

DOJ2
NRO

Mr. B. L. Ivey states he is a 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



B. L. Ivey

Sworn to and subscribed before me this 31st day of March, 2011

Notary Public: Nancy Louise Henderson

My commission expires: March 23, 2014

BLI/DMW

Enclosure: Supplemental Listing of R-COLA Submittals through March 16, 2011

cc: Southern Nuclear Operating Company

Mr. J. H. Miller, III, President and CEO (w/o enclosure)
Mr. J. A. Miller, Executive Vice President, Nuclear Development (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. J. R. Johnson, Vice President, AP1000 Quality & Compliance (w/o enclosure)
Mr. T. E. Tynan, Vice President - Vogtle (w/o enclosure)
Mr. M. K. Smith, Technical Support Director (w/o enclosure)
Mr. D. M. Lloyd, Vogtle 3 & 4 Project Support Director (w/o enclosure)
Mr. M. J. Ajluni, Nuclear Licensing Director
Mr. C. R. Pierce, AP1000 Licensing Manager
Mr. T. C. Moorer, Manager, Environmental Affairs, Chemistry and Rad. Services
Mr. J. D. Williams, Vogtle 3 & 4 Site Support Manager
Mr. J. T. Davis, Vogtle 3 & 4 Site Licensing Supervisor
Mr. W. A. Sparkman, COL Project Engineer
Ms. A. G. Aughtman, Lead AP1000 Licensing Project Engineer
Document Services RTYPE: GOV0208
File AR.01.02.06

Nuclear Regulatory Commission

Mr. V. M. McCree, Region II Administrator
Mr. F. M. Akstulewicz, Deputy Director Div. of Safety Systems & Risk Assess. (w/o encl.)
Mr. R. G. Joshi, Lead 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
Ms. D. L. McGovern, Project Manager of New Reactors
Ms. T. L. Spicher, 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 1 & 2
Mr. J. D. Fuller, Senior Resident Inspector of VEGP 3 & 4

Georgia Power Company

Mr. T. W. Yelverton, Nuclear Development Director
Ms. A. N. Faulk, Nuclear Regulatory Affairs Manager

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. J. E. Fuller, Senior Vice President, Chief Financial Officer
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. B. Davis, Vogtle Project Manager (w/o enclosure)
Mr. J. M. Oddo, Licensing Manager
Mr. E. C. Wenzinger, Licensing Engineer, Vogtle Units 3 & 4

Westinghouse Electric Company, LLC

Mr. S. D. Rupprecht, Vice President, New Plant Product Services (w/o enclosure)
Mr. T. H. Dent, Consortium Project Director Vogtle Units 3 & 4 (w/o enclosure)
Mr. R. J. Buechel, Consortium Project Director Vogtle Units 3 & 4 (w/o enclosure)
Mr. R. F. Ziesing, Director, US Licensing, NPP
Mr. S. A. Bradley, Vogtle Project Licensing Manager
Mr. M. A. Melton, Manager, Regulatory Interfaces
Mr. D. A. Lindgren, Principal Engineer, AP1000 Licensing and Customer Interface

NuStart Energy

Mr. R. J. Grumbir
Mr. E. R. Grant
Mr. P. S. Hastings
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. J. A. Bailey, TVA
Ms. A. L. Sterdis, TVA
Mr. M. Vidard, EDF
Mr. W. Maher, FP&L
Mr. J. Douet, Entergy
Mr. N. T. Simms, Duke Energy
Mr. G. A. Zinke, NuStart & Entergy
Mr. R. H. Kitchen, PGN
Ms. A. M. Monroe, SCE&G
Mr. T. Miller, DOE/PM

Southern Nuclear Operating Company

ND-11-0522

Enclosure

Supplemental Listing of R-COLA Submittals

through March 16, 2011

NOTE: The enclosed document is a one (1) page standalone table.

RAI/OI ID#	ERAI/OI #	RAI/OI Topic/Subject	Date Submitted	RAI/OI Ltr #	Utility Specific	Official NRC RAI/OI #	S-COLA Endorsement
4246	5264	IBR of PI & SGI	11/11/2010	VEGP-VOL-Ch01 IBR of PI & SGI	Standard	01-03	
4253	5264	IBR of PI & SGI	2/24/2011	VEGP-VOL-Ch01 IBR of PI & SGI	Standard	01-03	
4247	5529	Division 5 Reg Guide (RG) Conformance	2/8/2011	VEGP-VOL-Ch01 Div 5 RGs	Standard	01-04	
4235	4980	NWE1- 30/40/70	10/15/2010	062	Standard	01.05-01	
4239	5115	NWE1- ISG-22	11/2/2010	063	Standard w/PS*	01.05-02	
4242	5144	SNM - Material Accounting and Control (MCA)	11/23/2010	064	Standard	01.05-03	
4256	5635	Prior to 10CFR 73.55 Implementation	3/3/2011	VEGP-VOL-73.55-Impl	Standard	01.05-04	
4260	5661	Additional Information for Part 30-40 Materials Licenses	3/16/2011	VEGP-VOL-Materials 30-40	Standard	01.05-05	
4244	5070	Settlement	11/11/2010	VEGP-VOL-Ch02 re const seq	Southern	02.05.04-07	
4248	5409	HLD Foundation	1/12/2011	VEGP-VOL-Ch02 re HLD	Southern	02.05.04-08	
4194	5020	ASCE 7	9/20/2010	VEGP-VOL-Ch03 ASCE	Southern	03.03.01-01	
4241	5197	Seismic Instrumentation LMAs	10/15/2010	VEGP-VOL-Ch03 SI	Southern	03.07.01-01	
4172	1615	Adequacy of 2D Seismic Response Analysis	10/15/2010	018 S2	Southern	03.07.02-1 VR	
4227	5151	Construction procedures	10/1/2010	VEGP-VOL-Ch03 Const	Standard	03.08.04-02	
4187	5011	Structures Inspection Program	8/17/2010	VEGP-VOL-Ch03 SIP	Standard	03.08.05-01	
4192	4642	EMB1- Surge line monitoring test abstract	8/6/2010	057 S1	Standard	03.12-02 VR	
4173	4859	SBPB- NRC Bulletin 2002-01 re unidentified leakage	8/5/2010	060	Standard	05.02.05-01	
4174	4859	SBPB- Alarm setpoints for unidentified leakage	8/5/2010	060	Standard	05.02.05-02	
4193	5061	Quickloc ISI	8/27/2010	VEGP-VOL-Ch05 ISI	Standard	05.03.01-01	
4191	5009	Coatings Program	8/13/2010	VEGP-VOL-Ch06 Coatings	Standard	06.01.02-02	
4188	4856	SBCV- CR Habitability	9/3/2010	061	Standard	06.04-05	
4162	5062	Toxic chemical	7/30/2010	VEGP-VOL-Ch06 re chemicals	Standard	06.04-06	
4226	5196	Electrical testing procedures	10/15/2010	VEGP-VOL-Ch08	Standard	08.03.02-01	
4171	5087	Radwaste discharge line (WLS) leakage monitoing (20.1406 issue)	9/10/2010	VEGP-VOL-Ch11 re outfall	Southern	12.03-12.04-04	
4243	5323	Common TSC	11/2/2010	VEGP-VOL-Ch18 TSC ACRS	Southern	13.03-09	
4236	4466	Revised Security and Cyber Security Plan implementation in Table 13.4-201	10/22/2010	051 S2	Standard	13.06.06-01 to 14	
4255	5530	Cyber Security Plan revision for BOP SSCs	1/31/2011	VEGP-VOL-CSP BOP SSCs	Standard	13.06.06-16	
4259	5618	Sumbittal of SNM PPP Description in COLA Part 8 & response to RAI LTR 65	3/16/2011	65	Standard	13.06-37	
4245	5265	Qualification of test engineers	11/11/2010	VEGP-VOL-Ch14 Quals	Standard	14.02-03	
4240	5298	Initial Test Program License Conditions	10/15/2010	VEGP-VOL-Ch14 SUT LCs	Standard	14.02-04	
4161	3951	Calorimetric uncertainty COL item - followup to WEC Revised Response	8/6/2010	COL-SER-OI-Ch15 S2	Standard	OI 15.00-01 VR	
4232	3951	Calorimetric uncertainty COL item - address TR R8 SER	10/29/2010	COL-SER-OI-Ch15 S3	Standard	OI 15.00-01 VR2	
4254	5541	Calorimetric uncertainty COL item - address ACRS questions	2/8/2011	VEGP-VOL-Ch15 ACRS	Standard	15-01	
4170	4948	EOF re NUREG-0696	7/27/2010	VEGP-VOL-Ch18 EOF	Southern	18-01	
3855**	3512	Demonstrate Adequate Seismic Margin	10/30/2009	040	Southern	19-010	
4156	3409	Spent Fuel Pool Loading pattern	8/13/2010	042 S4	Standard	19-069 S2	
4262	4459	Verification of adequate spray coverage by the preferential SFP spray system	8/13/2010	052 (with 042 S4)	Standard	19-085 S1	
4238	4543	Develop procedures to start a DG without DC power.	10/8/2010	054 S2	Standard	19-102 S1	
4233	5113	PRA- Seismic margins	9/20/2010	VEGP-VOL-Ch19	Standard w/PS*	19-104	
4228	5297	VEGP STD LOLA MSD letter submittal	11/12/2010	VEGP-VOL-LOLA MSD	Southern	19-105	
Notes							
*	Qb items 4239 and 4233 are generally STANDARD responses but also contain some plant-specific (PS) material.						
**	Correction to 2010-08-23 listing of "Standard" for RAI/OI ID #3855 response. The response is correctly shown in this listing as a "Southern" plant-specific submittal.						