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APR 11 2013

Docket Nos.: 52-025
52-026

ND-13-0773
10 CFR 50.90
10 CFR 52.63

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

Southern Nuclear Operating Company
Vogtle Electric Generating Plant Units 3 and 4
Request for License Amendment and Exemption:
Turbine Building Battery Room and Electrical Changes (LAR-13-007S) Supplement

Ladies and Gentlemen:

On March 15, 2013, via SNC letter ND-13-0494, in accordance with the provisions of 10 CFR 50.90, Southern Nuclear Operating Company (SNC), requested an amendment to the combined licenses (COLs) for Vogtle Electric Generating Plant (VEGP) Units 3 and 4 (License Numbers NPF-91 and NPF-92, respectively). This amendment request proposed to depart from approved Design Control Document (DCD) Tier 2 material that has been previously incorporated into the VEGP Units 3 and 4 Updated Final Safety Analysis Report (UFSAR) and involves associated Tier 2* and certified Tier 1 material. The license amendment also requested a revision to the associated material that has been included in Appendix C of the VEGP Units 3 and 4 COLs. Pursuant to the provisions of 10 CFR 52.63(b)(1), an exemption from elements of the design as certified in the 10 CFR Part 52, Appendix D, design certification rule was also requested for those plant-specific DCD Tier 1 material departures.

SNC is revising information contained in Enclosure 3 of SNC letter ND-13-0494 to correct an error identified in the original submittal regarding an unintended change to UFSAR Subsection 9A.3.2.1 related to Room No. 20409. SNC is also making an editorial change to UFSAR Table 8.3.1-2 Item No. 64, by adding dashes in a blank space for consistency with other rows. The revised information to Enclosure 3 of ND-13-0494 is provided in this letter and is added as Enclosure 5 of the LAR.

The information provided in Enclosure 5 does not change the scope of, nor affect the Technical Evaluation in the amendment request submitted on March 15, 2013, and does not warrant revising the Significant Hazards Consideration in Section 4.3 of Enclosure 1 of the original LAR submittal. This letter contains no regulatory commitments.

In accordance with 10 CFR 50.91, SNC is notifying the State of Georgia of this LAR supplement by transmitting a copy of this letter and enclosure to the designated State Official.

Should you have any questions, please contact Mr. Wesley A. Sparkman at (205) 992-5061.

Mr. B. H. Whitley states that he is the Regulatory Affairs Director 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. H. Whitley

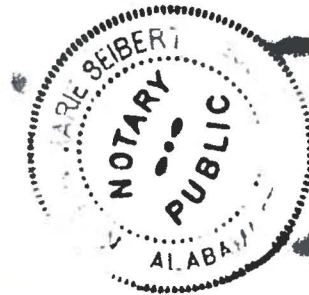
B. H. Whitley

BHWWES/kms

Sworn to and subscribed before me this 11th day of April, 2013

Notary Public: Kristin Marie Seibert

My commission expires: August 16, 2016



Enclosure 5. Vogtle Electric Generating Plant (VEGP) Units 3 and 4 – Licensing Basis Documents – Proposed Changes (LAR-13-007S)

cc: Southern Nuclear Operating Company/ Georgia Power Company

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Southern Nuclear Operating Company

ND-13-0773

Enclosure 5

Vogtle Electric Generating Plant (VEGP) Units 3 and 4

**Licensing Basis Documents - Proposed Changes
(LAR-13-007S)**

Insertions are denoted by Underline and Deletions by Red Strikethrough

(Note that the sheet numbers and the total number of sheets for the marked-up Tables provided in this Enclosure may be changed by the incorporation of this and other departures. These changes are considered editorial and do not require evaluation in this submittal.)

UFSAR Table 8.3.1-2 (Sheet 4 of 4)

Revise selected table entries as follows (Insertions are blue underline, deletions are red strike-through):

**Table 8.3.1-2 (Sheet 4 of 4)
 Onsite Standby Diesel Generator ZOS MG 02B Nominal Loads**

Manual Loads (Note 2)				
Item No.	Time Seq. (sec)	Event or Load Description	Rating (hp/kW)	Operating Load (kW)
54.	--	Class 1E Div. B Battery Charger 2	78 kVA	15
55.	--	Class 1E Div. D Battery Charger 1	78 kVA	26
56.	--	Supplemental Air Filtration System Fan B	15 hp	15
57.	--	Supplemental Air Filtration System Electric Heater B	20 kW	20
58.	--	Backup Group 4B Pressurizer Heaters	246 kW	246
59.	--	CRDM Fan 01C	75 hp	62
60.	--	CRDM Fan 01D	75 hp	62
61.	--	Spent Fuel Cooling Pump B	250 hp	200
62.	--	Make-Up Pump B	600 hp	498
63.	--	Non-1E Regulating XFMR EDS2-DT-1	<u>100</u> 75 kVA	<u>70</u> 25
<u>64</u>	<u>--</u>	<u>Non-1E Regulating XFMR EDS4-DT-1</u>	<u>100 kVA</u>	<u>70</u>
<u>65</u> 64.	--	Annex Bldg Equipment Room Return/Exhaust Fan B	20 hp	17
<u>66</u> 65.	--	Annex Bldg Equipment Room AHU MS02B Fan	50 hp	42
<u>67</u> 66.	--	Annex Bldg Swgr Rm AHU MS 05B Fan	50 hp	42
<u>68</u> 67.	--	Annex Bldg Swgr Rm Ret/Exhaust Fan 06B	25 hp	21
		Total Manually Sequenced Loads (kW)		<u>1432</u> 1317
...

UFSAR Subsection 9A.3.2.1

Revise selected table entries as follows (Insertions are blue underline, deletions are red strike-through):

9A.3.2.1 Fire Area 2000 AF 01

This fire area contains the main condenser, lubrication equipment auxiliary boiler, turbine-generator and auxiliaries, switchgear rooms, electrical equipment room, feedwater pumps, chemical feed equipment, chiller area, plant air compressors, digital-electrohydraulic skid, main steam piping, office area, and a sampling laboratory. The fire area is subdivided into the following fire zones:

<u>Fire Zone</u>	<u>Room No.</u>	
• 2030 AF 20300	20300	Elevation 100'-0" (base slab) general floor area
• 2030 AF 20300	20305	Condensate polishing area reserve space
• 2030 AF 20300	20309	Circulating water pipe trench
• 2031 AF 21380	21380	CCS/BDS equipment room
• 2038 AF 20300	----	Main feedwater pump area
• 2039 AF 20301	20301	Chemical storage area
• 2040 AF 20400	20400	Elevation 117'-6" general floor area
• 2040 AF 20400	20409	Condensate polishing area
• 2041 AF 21480	21480	VTS HVAC equipment room
• 2050 AF 20500	20500	Elevation 135'-3" general floor area
• 2050 AF 20502	----	Digital-electrohydraulic skid
• 2120 51 AF <u>21</u> 20580	21580	<u>South bay elevation 135'-3" general area</u> Lower VFD equipment room
• 2120 51 AF <u>21583</u> 20581	<u>21583</u> 21581	Upper VFD equipment room
• 2052 AF 20504	20510	HVAC equipment area
• 2053 AF 20506	20505	Office area at 149' - 0"
• 2053 AF 20506	20506	Conference room
• 2053 AF 20507	20507	Women's restroom
• 2053 AF 20508	20508	Men's restroom
• 2057 AF 20503	20511	Generator seal oil unit
• 2060 AF 20600	20600	Elevation 161'-0" general floor area