



Ronald A. Jones
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ATTN: Document Control Desk
U.S. Nuclear Regulatory Commission
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Washington, DC 20555

Virgil C. Summer Nuclear Station (VCSNS) Units 2 and 3
Combined License Nos. NPF-93 and NPF-94
Docket Nos. 52-027 & 52-028

Subject: License Amendment Request (LAR) 13-10S1: Revision to AP1000
Human Factors Engineering Integrated System Validation Plan
(Supplement 1)

Reference: 1. LAR 13-10 Request for License Amendment: Revision to AP1000
Human Factors Engineering Integrated System Validation Plan, Dated
March 13, 2013 (Accession Number ML13074A731)

2. Southern Nuclear Operating Company, Vogtle Electric Generating
Plant Units 3 and 4 Request for License Amendment: Revision to
AP1000 Human Factors Engineering Integrated System Validation Plan /
GEH-320 (LAR-13-001) Dated February 15, 2013 (Accession Number
ML13050A214)

3. Southern Nuclear Operating Company, Vogtle Electric Generating
Plant Units 3 and 4 First Supplement to Pending Requests for License
Amendment Changes to APP-OCS-GEH-120, -220, -320 and -420
(LARs 13-010, 13-011, 13-001, and 13-012, respectively) Dated May 21,
2013 (Accession Number ML13144A125)

4. Southern Nuclear Operating Company, Vogtle Electric Generating
Plant Units 3 and 4 Second Supplement to Request for License
Amendment: Revision to AP1000 Human Factors Engineering Integrated
System Validation Plan / GEH-320 (LAR-13-001S2) Dated August 22,
2013 (Accession Number ML13235A224)

5. Southern Nuclear Operating Company, Vogtle Electric Generating
Plant Units 3 and 4 Third Supplement to Request for License
Amendment: Revision to AP1000 Human Factors Engineering Integrated
System Validation Plan / GEH-320 (LAR-13-001S3) Dated September
27, 2013

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South Carolina Electric & Gas Company (SCE&G), the licensee for Virgil C. Summer Nuclear Station (VCSNS) Units 2 and 3, previously submitted a License Amendment Request (LAR), Reference 1, for the Combined Licenses of VCSNS Units 2 and 3, numbers NPF-93 and NPF-94, respectively. This LAR proposed changes to the AP1000 Human Factors Engineering Integrated System Validation Plan.

This supplement to Reference 1 addresses concerns raised by the NRC Staff regarding the categorization of proprietary information identified in Reference 1. Specifically, the NRC Staff requested that certain portions of Reference 1 not be considered proprietary. This supplement addresses those concerns by replacing the enclosures of Reference 1 with revised enclosures.

Enclosed with this letter are replacements for enclosures originally submitted in Reference 1. Enclosure 1A (Proprietary) and 1B (Non-Proprietary) of Reference 1 are respectively replaced by Enclosure 7 (Proprietary) and Enclosure 8 (Non-Proprietary) of this supplement. Enclosures 7 and 8 contain the Description, Technical Evaluation, Regulatory Evaluation (including Significant Hazards Consideration), and Environmental Considerations for the proposed changes from revision D to Revision 3 of APP-OCS-GEH-320. Enclosure 9 of this supplement contains the proposed changes to the Licensing Basis Documents for VCSNS Units 2 and 3 and it replaces Enclosure 2 of Reference 1. Enclosures 10 and 11 of this supplement, which provide the bases for withholding proprietary information, replace Enclosures 3 and 4 of Reference 1. Enclosure 12 of this letter is a copy of APP-OCS-GEH-320, "AP1000 Human Factors Engineering Integrated System Validation Plan," Revision 3 (Proprietary) which replaces Enclosure 5 of Reference 1. Enclosure 13 of this supplement is the Non-Proprietary version of Enclosure 12 of this supplement and is labeled APP-OCS-GEH-322, "AP1000 Human Factors Engineering Integrated System Validation Plan," Revision 1. It replaces Enclosure 6 of Reference 1. Enclosure 14 (Proprietary) of this supplement is a Red Line Strike-Through comparison of APP-OCS-GEH-320 Revision 3 and Revision D. It depicts the changes to the document from Revision D to Revision 3. Enclosure 14 is a new enclosure that was not included in Reference 1.

The information provided in Enclosures 7 and 8 of this supplement does not materially change the scope of Reference 1. Consequently, this supplement does not require a revised Significant Hazards Consideration determination.

This proposed amendment is consistent with and identical in technical content to the License Amendment Request and its subsequent supplements submitted by Southern Nuclear Operating Company (SNC) identified in References 2-5. The Initial SNC LAR is identified in Reference 2 and Supplements 1 and 2 are identified in References 3 and 4 respectively.

As Enclosures 12 and 14 of this supplement contain information proprietary to Westinghouse Electric Company, LLC, they are supported by an affidavit signed by Westinghouse, the owner of the information. The affidavit sets forth the basis on which the information may be withheld from public disclosure by the Commission and addresses with specificity the considerations listed in paragraph (b)(4) of Section 2.390 of the Commission's regulations.

Accordingly, it is respectfully requested that the information which is proprietary to Westinghouse be withheld from public disclosure in accordance with 10 CFR 2.390 of the Commission's regulations.

Correspondence with respect to the copyright or proprietary aspects of the items listed above or the supporting Westinghouse affidavit should reference CAW-13-3774 and should be addressed to J.A. Gresham, Manager, Regulatory Compliance, Westinghouse Electric Company, Suite 428, 1000 Westinghouse Drive, Cranberry Township, Pennsylvania 16066. Correspondence concerning proprietary information in Enclosure 7 of this supplement should be addressed to Alfred M. Paglia, Manager, Nuclear Licensing, at the email address provided below.

In order to support the VCSNS Unit 2 construction schedule, SCE&G requests NRC staff review and approval of the proposed license amendment by January 2, 2014. This license amendment will be implemented by SCE&G within 30 days of approval.

In accordance with 10 CFR 50.91, SCE&G is notifying the State of South Carolina of this LAR by transmitting a copy of this letter and its enclosures to the designated State Official.

This letter contains no regulatory commitments.

Should you have any questions, please contact Alfred M. Paglia by telephone at (803) 941-9876, or by email at apaglia@scana.com.

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

Executed on this 3rd day of October, 2013.

Sincerely,



Ronald A. Jones
Vice President
New Nuclear Operations

DK/RAJ/dk

- Enclosure 7: Virgil C. Summer Nuclear Station (VCSNS) Units 2 and 3 License Amendment Request: Revision to AP1000 Human Factors Engineering Integrated System Validation Plan (Supplement 1) (LAR 13-10S1) (Proprietary: Withhold Under 10 CFR 2.390)
- Enclosure 8: Virgil C. Summer Nuclear Station (VCSNS) Units 2 and 3 License Amendment Request: Revision to AP1000 Human Factors Engineering Integrated System Validation Plan (Supplement 1) (LAR 13-10S1) (Non-Proprietary)
- Enclosure 9: Virgil C. Summer Nuclear Station (VCSNS) Units 2 and 3 - Proposed Changes to Licensing Basis Documents (LAR 13-10S1)
- Enclosure 10: Virgil C. Summer Nuclear Station (VCSNS) Units 2 and 3 Westinghouse Authorization Letter CAW-13-3774, its accompanying Affidavit, Proprietary Information Notice, and Copyright Notice (LAR 13-10S1)
- Enclosure 11: Virgil C. Summer Nuclear Station (VCSNS) Units 2 and 3 Affidavit of Alfred M. Paglia (LAR 13-10S1)
- Enclosure 12: Virgil C. Summer Nuclear Station (VCSNS) Units 2 and 3 APP-OCS-GEH-320 "AP1000 Human Factors Engineering Integrated System Validation Plan," Revision 3 (LAR 13-10S1) (Proprietary: Withhold Under 10 CFR 2.390)
- Enclosure 13: Virgil C. Summer Nuclear Station (VCSNS) Units 2 and 3 APP-OCS-GEH-322, "AP1000 Human Factors Engineering Integrated System Validation Plan," Revision 1 (LAR 13-10S1)
- Enclosure 14: Virgil C. Summer Nuclear Station (VCSNS) Units 2 and 3 Red Line Strike-Through Comparison of Revision 3 and Revision D of APP-OCS-GEH-320 (LAR 13-10S1) (Proprietary: Withhold Under 10 CFR 2.390)

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