Westinghouse Electric Company
5801 Bluff Road
Hopkins, South Carolina 29061-9121
USA

Director, Office of Nuclear Security and Incident Response
U.S. Nuclear Regulatory Commission
Document Control Desk
11555 Rockville Pike
Rockville, Maryland 20852-2738

Direct tel: 803-647-3282
Direct 803-695-3964
fax:
e-mail: byrdge@westinghouse.com

Your ref:
Our ref: LTR-SR-16-8

70-1151

Date: November 28, 2016

Westinghouse Electric Company LLC (Westinghouse) herein provides a revised Site Emergency Plan, Revision 18, for the Columbia Fuel Fabrication Facility (CFFF). This revision is submitted in accordance with the provisions of 10CFR70.32(i) and SNM-1107 Materials License Safety Condition S-2.

A description of the changes by page number is included below. Changes are noted with revision bars in the left hand margin of the document.

Page TOC-1: Deleted as entire document will indicate revision.

Page 1-2: Changed U-235 form "≤ 5.0 wt%" and quantity "125,000" to reflect current SNM-1107 license conditions.

Pages 1-8 through 1-16: Replaced chemical table listing with an improved chemical table listing.

Page 1-12: Deleted "and". The control is either passive or active in section 1.4.

Page 1-16: Updated drawing 600E00CV01 to revision 14.

Page 1-20: Updated drawing 600E02CV02 to revision 15.

Page 2-2: Replaced "alarm" with "interlock" and changed "30mgU/l" to "24 mgU/l" to provide for more restrictive control in Section 2.2.

Page 2-2: Added "Severe Weather alarms are part of the fire alarm system" under the Fire Alarm part of Section 2.

Page 3-2: Added the definition for alert in Section 3.1.2.

Page 3-2: Replaced "extinguished" with "controlled" in Section 3.1.2.

Page 3-2: Added the definition for site area emergency in Section 3.1.3.

Page 4-1: Deleted the dual role of Local Law Enforcement Liaison officer from the Liaison Officer role in Section 4.2.1.

~~SECURITY RELATED INFORMATION – WITHHOLD UNDER 10 CFR 2.390~~

A x 45
NSIRDI
NSIR
NMSS

Page 4-2: Added "Duties may include:" to clarify Liaison Officer duties in Section 4.2.1.

Page 4-2: Changed "special" to "specific" for clarification purposes in Section 4.2.1.1, Technical Specialist.

Page 4-3: Added reference Section 4.2.2 for On Scene Safety Officer

Page 4-3: Corrected spelling for "atmosphere" in section 4.2.2.

Page 4-4: Deleted "Ensures that proper PPE is used by all responders." in Section 4.2.2 Not all PPE is HP related.

Page 4-4: Clarified Security's responsibilities in Section 4.2.2.

Page 4-5: Changed "Role" to "Level" in Sections 4.3.4.1 and 4.3.4.2 to be consistent with wording in Section 4.3.4.

Page 4-6: Deleted classifications for Limited, Plant and Full Response Incident in Sections 4.4.2, 4.4.3 and 4.4.4.

Page 4-11: Corrected spelling of "Hexafluoride" in Table 4.2.

Page 4-12: Changed "better" to "specially" trained off-site resources in Section 4.12.

Page 4-13: Added "designee" as alternate for Operations Chief in Section 4.15.

Page 4-14: Added reference "SDS" for selecting acidic neutralizing agents in Section 4.18.1.

Page 4-14: Deleted listing of acidic neutralizing agents in Section 4.18.1.

Page 4-14: Added reference "SDS" for selecting basic neutralizing agents in Section 4.18.2.

Page 4-14: Deleted listing of basic neutralizing agents in Section 4.18.2.

Page 4-18: Clarified Incident Commander's role in leading the plant Post Incident Analysis in Section 4.25.1.

Page 4-18: Changed "Corrective Action Process (CAPs)" to "Corrective Action Program" as "CAPs" is no longer used as the corrective action program in Section 4.25.3.

Page 4-19: Deleted "Evacuation" as the descriptor for the Criticality Alarm System in Section 4.26.1 to provide consistency with the wording in Section 2.2 on page 2-2.

Page 4-20: Deleted South Carolina Highway Patrol from Section 4.26.7. The Richland County Sheriff will request any other police assistance.

Page 4-20: Added "Headquarters" and "designee" to Emergency Director's role in Section 4.26.8.

Page 4-20: Deleted South Carolina Highway Patrol from Section 4.27.1. The Richland County Sheriff will request any other police assistance.

Page 4.20: Added State's role in off-site coordination in Section 4.27.2.

Page 4.21: Added hazardous material response to City of Columbia Fire Department's role in Section 4.27.4.

Page 4.21: Modified Section 4.27.5 to add data sheet reference and specify personnel to accompany an injury involving SNM.

Page 5-1: Clarified SCEMD will notify the SRS Radiological Assistance team in Section 5.1.3.

Page 5-3: Clarified acceptable dose rates in assembly areas in Section 5.4.1.2.

Page 5-3: Added "designees" as Team Managers alternates in Section 5.4.1.2.

Page 5-7: Changed exposure from 0.75 Gray to 0.25 Gray for lifesaving operations in Section 5.5.1.

Page 5-8: Clarified personnel decontamination location in Section 5.5.2.

Page 5-11 Updated drawing 600F29AR01 to revision 09.

Page 6-1: Provided alternate Emergency Operations Centers locations in Section 6.1

Page 6-2: Updated number of criticality monitoring stations in Section 6.2.6.

Page 6-3: Deleted "facsimile machines" in Section 6.3.

Page 6-4: Updated number of criticality monitoring stations and location/number of HP emergency equipment cabinets in Section 6.5.2.

Page 7-1: Section 7.1 rewritten for clarification.

Page 7-1: Clarified when the Emergency Response Organization receives training in Section 7.2.

Page 7-3: Added the Emergency Response Organization to maintain equipment and provide readiness in Section 7.6.

Page 8-1: Clarified EH&S responsibilities in Section 8.2.

This total revision does not decrease the effectiveness of the plan as the capabilities of the emergency response organization are maintained equivalent to that of the existing plan. Should you have any questions or require additional information, please contact me at (803) 647-3282, or Mr. Steve Carver, Manager, Emergency Preparedness at (803) 647-3531.

Sincerely,

George E. Byrd

George E. Byrd
Licensing Engineer
Columbia Fuel Fabrication Facility
(License SNM-1107, Docket 70-1151)

Enclosures: Site Emergency Plan for the Columbia Fuel Fabrication Facility, Rev. 18 (88 Pages)

Enclosure(s) transmitted herewith contain(s) Security Related- Sensitive Unclassified Non-Safeguards Information

(SUNSI) When separated from enclosure(s) this transmittal document is uncontrolled.

cc:

U.S. Nuclear Regulatory Commission, Region II
Marquis One Tower
245 Peachtree Center Ave, NE Suite 1200
Atlanta, Georgia 30303-1257
Attn: Thomas Vukovinsky

Document Control Desk
U.S. Nuclear Regulatory Commission
11555 Rockville Pike
Rockville, Maryland 20852-2738
Attn: Christopher Ryder
Mail Stop TWFN 4A60

Mrs. Sandra J. Threatt, Manager
Nuclear Response and Emergency Environmental Surveillance
Bureau of Land and Waste Management
South Carolina Department of Health & Environmental Control
2600 Bull Street Columbia, SC 29201

Mr. Kendell Schoenecker
Fixed Nuclear Facilities Manager
South Carolina Emergency Management Division
2779 Fish Hatchery Rd. West Columbia, SC 29172