



Westinghouse Electric Company LLC  
Columbia Fuel Site  
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Hopkins, South Carolina 29061-9121  
USA

Director, Office of Nuclear Material Safety and Safeguards  
U. S. Nuclear Regulatory Commission  
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Your ref:  
Our ref: LTR-RAC-14-8

January 28, 2014

SUBJECT: WESTINGHOUSE JANUARY 2014 UPDATED INTEGRATED SAFETY  
ANALYSIS (ISA) SUMMARY

Dear Sir,

Westinghouse Electric Company LLC (Westinghouse) is pleased to submit the updated Integrated Safety Analysis (ISA) Summary for the Columbia Fuel Fabrication Facility (CFFF) in accordance with 10CFR70.72(d)(3). This submittal incorporates facility changes and the results of new or revised analysis completed within calendar year 2013 which impact the ISA Summary.

None of these changes required Nuclear Regulatory Commission (NRC) pre-approval under the provisions of 10CFR70.72(c).

Table 1 provides a listing of the impacted sections of the ISA Summary and a general scope of the revisions. Detailed revision information is included in the enclosed ISA Summary. Changes in the enclosure are identified by revision lines in the left margin.

If you have any questions, please contact me at (803) 647-3338.

Sincerely,

A handwritten signature in blue ink that reads "Nancy Blair Parr".

Nancy Blair Parr, Manager  
Licensing  
Westinghouse Columbia Fuel Fabrication Facility  
Docket 70-1151 License SNM -1107

Enclosure: January 2014 Updated ISA Summary

Enclosure(s) transmitted herewith contain(s) Security-Related - Sensitive Unclassified Non-Safeguards Information (SUNSI) subject to Withholding under 10 CFR 2.390. When separated from enclosure(s) this transmittal document is uncontrolled.

cc:

U. S. Nuclear Regulatory Commission  
11555 Rockville Pike  
Rockville, Maryland 20852-2738  
Attn: Mr. Christopher Ryder  
Mail Stop: EBB 2C40M

U. S. Nuclear Regulatory Commission, Region II  
245 Peachtree Center Avenue NE, Suite 1200  
Atlanta, GA 30303-1257  
Attn: Mr. Manuel Crespo

TABLE 1: GENERAL SCOPE OF REVISIONS

No.	Summary Section Title	10CFR70.72 Revision Scope	Revised Pages
1	Plant Ventilation	Incorporation of facility changes and revised Criticality Safety Evaluations.	Entire Document.
2	UNBSS	Incorporation of facility changes and revised Criticality Safety Evaluation.	Entire Document
3	ADU Conversion	Incorporation of facility changes and revised Criticality Safety Evaluations.	Entire Document
4	Safe Geometry Dissolver	Incorporation of facility changes, revised Criticality Safety Evaluations and updated process description.	Entire Document
5	ADU Bulk Blending	Incorporation of facility changes, minor descriptive in nature.	Entire Document
6	Chemical Receipt & Handling	Incorporation of facility changes, minor descriptive in nature.	Entire Document
7	SOLX	Incorporation of facility changes, minor descriptive in nature.	Entire Document
8	Pelleting	Incorporation of facility changes and revised Criticality Safety Evaluations.	Entire Document
9	Cylinder Wash	Incorporation of facility changes and revised Criticality Safety Evaluation.	Entire Document
10	ADU Rods	Incorporation of facility changes and revised Criticality Safety Evaluations.	Entire Document
11	Scrap Uranium Processing	Incorporation of facility changes and revised Criticality Safety Evaluations.	Entire Document
12	IFBA Fuel Rod	Incorporation of facility changes and revised Criticality Safety Evaluations.	Entire Document
13	Low Level Radioactive Waste	Incorporation of facility changes, minor descriptive in nature.	Entire Document
14	IFBA Processing	Incorporation of facility changes and revised Criticality Safety Evaluation.	Entire Document
15	Wastewater Treatment	Incorporation of facility changes and revised Criticality Safety Evaluations, including improvements to the Warm Caustic Dissolution process.	Entire Document
16	Storage of Uranium Bearing Materials	Incorporation of facility changes and revised Criticality Safety Evaluations.	Entire Document
17	Final Assembly	Incorporation of facility changes and revised Criticality Safety Evaluations.	Entire Document
18	Laboratories	Incorporation of facility changes and revised Criticality Safety Evaluations.	Entire Document
19	Hoods and Containment	Incorporation of facility changes and revised Criticality Safety Evaluation, including replacement of Pelleting Lines 3 and 4 oxidation oven hoods.	Entire Document
20	ERBIA	Incorporation of facility changes and revised Criticality Safety Evaluations.	Entire Document
S&S	Site And Structures	General updates to include incorporation of facility changes in several support systems.	Entire Document