



Westinghouse Electric Company LLC  
Columbia Fuel Site  
5801 Bluff Road  
Hopkins, South Carolina 29061-9121  
USA

Director, Office of Nuclear Material Safety and  
Safeguards  
U. S. Nuclear Regulatory Commission  
Washington, DC 20555  
ATTN: Document Control Desk

Direct tel: 803-647-2045  
Direct fax: 803-695-3964  
e-mail: couturgf@westinghouse.com  
Your ref:  
Our ref: LTR-RAC-13-7  
January 23, 2013

SUBJECT: WESTINGHOUSE REVISED INTEGRATED SAFETY ANALYSIS (ISA)  
SUMMARIES

Dear Sir,

Westinghouse Electric Company LLC (Westinghouse) submits the revised Integrated Safety Analysis (ISA) Summaries 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 2012 which impact the ISA Summary.

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

Table 1 provides a listing of the impacted ISA Summaries and a general scope of the revisions. Detailed revision information is included in each ISA Summary and changes in the documents are identified by revision lines in the margin. If you have any questions, please contact me at (803) 647-2045 or Mr. Carl Snyder at (803) 647-3550.

Sincerely,

A handwritten signature in cursive script, appearing to read 'Gerard F. Couture'.

Gerard F. Couture  
Licensing Manager  
Westinghouse Columbia Fuel Fabrication Facility  
Docket 70-1151 License SNM-1107

Enclosures: Revised ISA Summaries as listed on Table 1.

**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.**

WESTINGHOUSE NON-PROPRIETARY CLASS 3  
© 2013 Westinghouse Electric Company LLC  
All Rights Reserved

cc: U. S. Nuclear Regulatory Commission  
One White Flint North  
11555 Rockville Pike  
Rockville, Maryland 20852-2738  
Attn: Christopher Ryder, Project Manager  
Mail Stop: EBB 2C40M

U. S. Nuclear Regulatory Commission, Region II  
Attn: Ms. Mary Thomas  
245 Peachtree Center AVE, NE Suite 1200  
Atlanta, GA 30303-1257

TABLE 1

| No. | Summary Title                        | 10CFR70.72 Revision Scope   | Sections Revised |
|-----|--------------------------------------|---|------------------|
| 1   | Plant Ventilation                    | Incorporation of facility changes and revised Criticality Safety Evaluations.   | Entire Document. |
| 2   | UNBSS                                | Incorporation of facility changes, minor descriptive in nature.   | Entire Document  |
| 3   | ADU Conversion                       | Incorporation of facility changes, revised process hazards analysis for UF6 Cylinder handling, revised accident sequences and revised Criticality Safety Evaluations. | Entire Document  |
| 4   | Safe Geometry Dissolver              | Incorporation of facility changes, minor descriptive in nature.   | 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 changes.   | Entire Document  |
| 8   | Pelleting                            | General updates to include incorporation of facility changes, a revised accident sequence 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, minor descriptive in nature changes.   | Entire Document  |
| 11  | Scrap Uranium Processing             | Incorporation of facility changes, minor descriptive in nature changes.   | 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 and revised Criticality Safety Evaluations, minor descriptive in nature changes.  | Entire Document  |
| 14  | IFBA Processing                      | Incorporation of facility changes and revised Criticality Safety Evaluations, minor descriptive in nature changes.  | Entire Document  |
| 15  | Wastewater Treatment                 | General updates to include incorporation of facility changes, and revised accident sequences.   | 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, minor descriptive in nature changes.   | Entire Document  |
| 18  | Laboratories                         | Incorporation of facility changes and revised Criticality Safety Evaluations.   | Entire Document  |
| 19  | Hoods and Containment                | Incorporation of facility changes, minor descriptive in nature changes.   | Entire Document  |
| 20  | ERBIA                                | General updates to include incorporation of facility changes, a revised accident sequence and revised Criticality Safety Evaluations.                                 | Entire Document  |
| S&S | Site And Structures                  | General updates to include incorporation of facility changes in several support systems. Revised to reflect the UF6 Storage Pad Annex addition within the CAA.        | Entire Document  |