



Westinghouse Electric Company LLC  
Nuclear Fuel  
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USA

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Director, Office of Nuclear Material Safety and Safeguards  
U.S. Nuclear Regulatory Commission  
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Your ref:  
Our ref: LTR-RAC-12-63  
July 27, 2012

SUBJECT: COLUMBIA PLANT 2012 SPECIAL NUCLEAR MATERIAL INVENTORY REPORT

Dear Sir:

Please find enclosed a revised NRC Form 327, "SPECIAL NUCLEAR MATERIAL (SNM) PHYSICAL INVENTORY SUMMARY REPORT," for the Material Balance Period (MBP) ending May 4, 2012 for the Westinghouse Electric Company LLC, Columbia Fuel Fabrication Facility.

The Limit of Error of Inventory Difference (LEID), Active Inventory, Shipments and associated limits for the Low-Enriched Uranium (LEU) report have been revised for the 2012 MBP. The following changes were made.

- (1) Westinghouse and Nuclear Materials Management and Safeguards System (NMMSS) staff have completed the reconciliation of our Physical Inventory Listing and Material Balance Reports. During these activities a small discrepancy was identified between the values for one shipment transaction in the NMMSS and those of Westinghouse. It was determined that the shipment was documented correctly in the NMMSS and incorrectly on Westinghouse documents. An update to the Westinghouse books has been made to reconcile the difference which resulted in small changes to the values for our Shipments and Inventory Difference lines (3 and 6).
- (2) While reviewing the data for Active Inventory, an error in the spreadsheet was detected. Corrections to the active inventory and associated lines were completed in lines 11a, 12a & b and 13. The values reported originally are conservative compared to the revised values.
- (3) A non-key limit of error category (Ash Residue), which comprises a very small proportion of active inventory (0.00145% of active inventory), was found to be incorrectly classified as analyzed by chemical analysis when the material was actually measured using non-destructive assay (NDA) methods. Application of the NDA error factors to this material category for the LEID calculation resulted in a tiny change in the LEID for element (a decrease of 1 gram) and no change in the LEID for isotope.

Westinghouse requests that the enclosure to this letter be withheld from public disclosure in accordance with 10 CFR 2.390(d).

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If you have any questions concerning this submittal, please telephone me at (803) 647- 2045 or Mr. John Watkins, Manager, Regulatory Programs at (803) 647-3104.

Sincerely,



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

Enclosure: NRC Form 327 Special Nuclear Material (SNM) and Source Material (SM) Physical Inventory  
Summary Report

cc: U. S. Nuclear Regulatory Commission, Region II  
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