

August 20, 2007

Mr. Gerard F. Couture, Manager  
Licensing and Regulatory Programs  
Westinghouse Electric Company  
Nuclear Fuel  
Columbia Fuel Site  
P.O. Drawer R  
Columbia, SC 29250

SUBJECT: APPROVAL OF INTEGRATED SAFETY ANALYSIS SUMMARY (TAC L31857)

Dear Mr. Couture:

This letter is in reference to your site-wide Integrated Safety Analysis (ISA) Summary, submitted by letter dated October 15, 2004, and associated with Materials License SNM-1107.

The ISA Summary transmitted in your letter dated October 15, 2005, and supplemented through letters dated November 20, 2005; January 9, February 17, March 2, May 27, June 13, August 2, 2006; January 24, and March 8, 2007, is hereby approved. The technical evaluation report related to the Nuclear Regulatory Commission's (NRC's) approval of the ISA Summary is enclosed.

The NRC staff notes that in the letter dated January 24, 2007, Westinghouse Electric Company committed to implement criticality safety evaluations in response to a request for additional information concerning criticality safety. The staff finds the commitments and the time frame for completion to be acceptable.

TAC No. L31857 is closed upon issuance of this letter.

If you have any questions regarding this letter, please contact Breeda Reilly of my staff at (301) 415-8103, or via e-mail to [bmr@nrc.gov](mailto:bmr@nrc.gov).

In accordance with 10 CFR 2.390 of the NRC's "Rules of Practice," a copy of this letter will be available electronically for public inspection in the NRC Public Document Room or from the Publicly Available Records (PARS) component of NRC's document system Agencywide Documents Access and Management System (ADAMS). ADAMS is accessible through the NRC Web site at <http://www.nrc.gov/reading-rm/adams.html>.

The enclosure contains security related information, therefore, in accordance with 10 CFR 2.390, it will not be available for public inspection in the NRC Public Document Room or from the PARS component of NRC's document system ADAMS.

Sincerely,

/RA/

Michael D. Tschiltz, Acting Deputy Director  
Fuel Facility Licensing Directorate  
Division of Fuel Cycle Safety  
and Safeguards  
Office of Nuclear Material Safety  
and Safeguards

Docket No.: 70-1151  
License No.: SNM-1107

Enclosure: Technical Evaluation Report for ISA

cc: Ms. Nancy B. Parr, Manager Special Projects  
Westinghouse Electric Company  
Nuclear Fuel  
Columbia Fuel Site  
P.O. Drawer R  
Columbia, SC 29250

Mr. Jim W. Heath, ISA Project Manager  
Westinghouse Electric Company  
Nuclear Fuel  
Columbia Fuel Site  
P.O. Drawer R  
Columbia, SC 29250

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Michael D. Tschiltz, Acting Deputy Director  
Fuel Facility Licensing Directorate  
Division of Fuel Cycle Safety  
and Safeguards  
Office of Nuclear Material Safety  
and Safeguards

Docket No.: 70-1151  
License No.: SNM-1107

Enclosure: Technical Evaluation Report for Westinghouse Electric Company Integrated Safety Analysis Summary

cc: Ms. Nancy B. Parr, Licensing Project Manager  
Westinghouse Electric Company  
Nuclear Fuel  
Columbia Fuel Site  
P.O. Drawer R  
Columbia, SC 29250

Mr. Jim W. Heath, ISA Project Manager  
Westinghouse Electric Company  
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