



Westinghouse Electric Company LLC  
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USA

Director, Office of Nuclear Material Safety and Safeguards  
U.S. Nuclear Regulatory Commission  
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Your ref:  
Our ref: LTR-RAC-14-18

April 1, 2014

SUBJECT: STATUS REPORT

Dear Mr. Ryder:

Westinghouse Electric Company LLC (Westinghouse) herein provides a status report of the Nuclear Criticality Safety Improvement Project – II (NCSIP-II) in accordance with License Safety Condition S-7. The enclosed figure reflects the status of completed activities through the end of March 2014. The chart does not reflect the significant progress being made at the Columbia Fuel Fabrication Facility (CFFF) for implementation of the remaining CSE's, e.g., physical modifications, procedure revisions, training, etc. Westinghouse remains ahead of schedule for final completion of the NCSIP-II project.

In regards to the additional structural and seismic response analysis requirements of License Safety Condition S-7, the enhanced seismic program activities are now complete. Therefore, License Condition S-7 can be modified to delete the following sentence:

*The licensee shall complete additional enhancements to the structural and seismic response analysis and related additional criticality safety evaluations as outlined in LTR-RAC-12-27 by January 31, 2014, and revise the Integrated Safety Analysis Summary to reflect the changes by no later than January 31, 2014, as part of the annual submittal as required by 10 CFR 70.72(d)(2).*

How we met these structural and seismic requirements of License Condition S-7 was discussed with you in a public meeting on February 24, 2014. A summary of what was done is provided below:

- Consistent with NUREG-1520, Westinghouse applied DOE-STD-1020/IBC 2012 to its building and equipment.
- Westinghouse completed its "Seismic Evaluation of the CFFF" in October 2013, and submitted the proprietary report to the NRC per LTR-RAC-14-11.
- Westinghouse issued its "Criticality Safety Evaluation (CSE) for the CFFF Analysis Basis Seismic Event" and completed its implementation by December 31, 2013.
- Westinghouse submitted its ISA Summary to reflect these changes per LTR-RAC-14-8 on January 28, 2014.

Finally, there were no new Nuclear Criticality Safety related validation reports issued this quarter.

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

Sincerely,



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

Enclosure: Status Graphical Representation (1 page)

cc: U.S. Nuclear Regulatory Commission  
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Enclosure 1

