

October 7, 2009

Gerard Couture  
Licensing Project Manager  
Westinghouse Electric Company  
Nuclear Fuel - Columbia Site  
5801 Bluff Rd.  
Columbia, SC 29250

SUBJECT: REQUEST FOR A LICENSE AMENDMENT — COMPLETION OF THE  
NUCLEAR CRITICALITY SAFETY IMPROVEMENT PROGRAM

Dear Mr. Couture:

In your letter, "Final Status Report Of Nuclear Criticality Safety Improvement Project And License Amendment Request" (LTR-RAC-09-55, Agencywide Document Access Management System [ADAMS] Accession No. ML091890763), dated July 2, 2009, you stated that the Nuclear Criticality Safety Improvement Project (NCSIP) was completed in accordance with Safety Condition S-3 of SNM-1107 as of June 30, 2009.

Following review of your July 2<sup>nd</sup> letter, the staff finds that Westinghouse Electric Company (WEC) meets the requirements for completing the NCSIP for processes that are currently operating. However, there are five processes that are not currently in service:

- cylinder wash
- Erbium powder handling
- warm caustic processing
- LLRW soft media blasting
- conversion sorting hood

Before placing the above processes in service, WEC must complete criticality safety evaluations to meet the criteria of Section 6.1.4.2 in your license application.

Based upon the completion of the NCSIP, WEC requested an amendment to remove the associated conditions related to the NCSIP. Specifically, you requested that the following conditions be removed from SNM-1107:

- Reference to the WEC July 18, 2007, supplement in Safety Condition S-1
- Safety Condition S-3
- Safety Condition S-4

Safety Condition S-1 references the July 18, 2007, letter (ADAMS Accession No. ML072140755) in which WEC commits to notify NRC of changes to validation reports. This condition is not directly tied to completion of the NCSIP and therefore should remain in the license. A request for a license amendment can be submitted if WEC provides an acceptable justification for its deletion.

Safety Condition S-3 states that the NCSIP is to be completed by June 30, 2009. With the completion of the program, this condition is no longer necessary and therefore the condition has been removed.

With the completion of the NCSIP, Safety Condition S-4 is redundant to the reporting requirements in Title 10 of the Code of Federal Regulations (10 CFR) 70 Appendix A (b)(1). Therefore, Safety Condition S-4 has been removed.

If you have any questions concerning this letter, please contact me at (301) 492-3189 or via e-mail to [christopher.ryder@nrc.gov](mailto:christopher.ryder@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 Publically Available Records component of the NRC's document system (ADAMS). ADAMS is accessible from the NRC Web Site at <http://www.nrc.gov/reading-rm/adams.html>.

Sincerely,

**/RA/**

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

Enclosure: Amendment Special Nuclear  
Material License SNM-1107

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

Safety Condition S-3 states that the NCSIP is to be completed by June 30, 2009. With the completion of the program, this condition is no longer necessary and therefore the condition has been removed.

With the completion of the NCSIP, Safety Condition S-4 is redundant to the reporting requirements in Title 10 of the Code of Federal Regulations (10 CFR) 70 Appendix A (b)(1). Therefore, Safety Condition S-4 has been removed.

If you have any questions concerning this letter, please contact me at (301) 492-3189 or via e-mail to christopher.ryder@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 Publically Available Records component of the NRC's document system (ADAMS). ADAMS is accessible from the NRC Web Site at <http://www.nrc.gov/reading-rm/adams.html>.

Sincerely,

**/RA/**

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

Enclosure: Amendment Special Nuclear  
 Material License SNM-1107

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

DISTRIBUTION:

FMB r/f

**ML092220631**

<b>OFFICE</b>	FCSS/FMB	FCSS/FMB	FCSS/FMB	FCSS/FMB	FCSS/FFLD
<b>NAME</b>	CRyder	CTripp	THristopoulos	PHabighorst	MTschiltz
<b>DATE</b>	08/18/09	08/10/09	08/20/09	09/23/09	10/07/09

**OFFICIAL RECORD COPY**