



Westinghouse Electric Company LLC  
Columbia Fuel Fabrication Facility  
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USA

Director, Office of Nuclear Material Safety and Safeguards  
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Our ref: LTR-RAC-23-49

August 18, 2023

**SUBJECT:** Supplemental Information for Request for Modification to Temporary License Conditions for Sampling, Analysis and Disposition of Hematite Ash Material

- REFERENCES:** 1) NRC letter to Westinghouse dated May 5, 2023, Westinghouse Electric Company, LLC – Revision to Temporarily Store Hematite Ash Above License Limits and Removal of Uranium Flywheel (EPID L-2022-LLA-0177 and L-2022-LLA-0154)
- 2) Westinghouse letter to NRC dated June 9, 2023, Request for Modification to Temporary License Conditions for Sampling, Analysis and Disposition of Hematite Ash Material (Docket No. 70-1151, License SNM-1107)

On May 5, 2023, the U.S Nuclear Regulatory Commission's (NRC) Office of Nuclear Material Safety and Safeguards Division of Fuel Management (NMSS/DFM) granted the Westinghouse Electric Columbia LLC (Westinghouse) Columbia Fuel Fabrication Facility (CFFF) a temporary license amendment for possession and storage of the Hematite ash material with potentially greater than 5 wt% U235 (Reference 1). On June 9, 2023, Westinghouse requested a modification to the temporary license conditions to License SNM-1107 (Reference 2). Westinghouse is submitting supplemental information to support the request in Reference 2 for sampling, analysis and disposition of Hematite Ash material. Updates to the relevant chemical operating procedure (COP-836085) and associated controlled form (CF-83-256) for sampling, analysis and disposition of Hematite ash are included as Enclosures 1 and 2. The enclosed documents were revised to ensure procedure clarity and compliance with administrative Items Relied for Safety (IROFS). Enclosures 1 and 2 are pre-release versions and final versions will be released following NRC approval of the amendment request.

This submittal contains proprietary information of Westinghouse Electric Company LLC. In conformance with the requirements of 10 CFR 2.390, as amended, of the Nuclear Regulatory Commission's ("Commission's") regulations, we are enclosing with this submittal an Affidavit. The Affidavit sets forth the basis on which the information identified as proprietary may be withheld from public disclosure by the Commission.

Correspondence with respect to the proprietary aspects of this submittal or the Westinghouse Affidavit should reference AW-23-036 and should be addressed to Jeff Ferguson at (803) 647-1929.

Please contact me at (803) 647-1929 should you have questions concerning the license amendment request.

*Jeffery Ferguson*

Jeffery Ferguson (Aug 18, 2023 14:51 EDT)

Jeff Ferguson

Manager, Regulatory Compliance and Environmental Health and Safety

Westinghouse Columbia Fuel Fabrication Facility

Docket 70-1151, License SNM-1107

cc:

NRC, Ms. Jennifer Tobin

NRC, Mr. Thomas Vukovinsky

Enclosure 1: COP-836085, Processing of >5% Enrichment Material (Proprietary)

Enclosure 2: CF-83-256, >5% Hematite Ash Drum Offload Verification (Proprietary)

Enclosure 3: Affidavit (AW-23-036) for Withholding of Proprietary Information (Non-Proprietary)