

SUBJECT:

Safeguards Evaluation Report, Westinghouse Electric Company LLC (WEC), Nuclear Fuel, Columbia, SC. Docket No: 70-1151, License No: SNM-1107, SNM-1107 License Amendment Request (TAC L33020)

BACKGROUND

By letter dated September 7, 2010, WEC submitted a License Amendment request to transfer the regulatory authorization for the receipt, possession, use, storage, and transfer or source and byproduct materials related to the Columbia Fuel Fabrication Facility (CCCCF) activities to the Materials License issued by the Commission.

REGULATION

Fixed Site Security:

Title 10 of the *Code of Federal Regulations* (10 CFR) 73.67, fixed site and in-transit requirements for the physical protection of special nuclear material of moderate and low strategic significance.

REGULATORY GUIDANCE

Regulatory Guide (RG) 5.59, "Standard Format and Content for a Licensee Physical Security Plan for the Protection of Special Nuclear Material of Moderate or Low Strategic Significance" (1983)

NRC Regulatory Issue Summary 2005-22, "Requirements for the Physical Protection During Transportation of Special Nuclear Material of Moderate and Low Strategic Significance: 10 CFR Part 73 vs. Regulatory Guide 5.59 (1983)" (2005)

ACTION REQUESTED

The Office of Nuclear Material Safety and Safeguards (NMSS) requested that NSIR staff

1. Review the request submitted by Westinghouse Columbia Fuel Fabrication Facility;
2. Determine if there are major deficiencies that make the submittal unacceptable for detailed review and prepare a recommendation to accept or deny (if required).
3. Prepare RAIs;
4. Evaluate additional information submitted, participate in meetings, conference calls, and site visits, if necessary; and
5. Prepare input for the Safeguards Evaluation Report.

DISCUSSION

By letter dated September 7, 2010, WEC submitted a License Amendment request to transfer the regulatory authorization for the receipt, possession, use, storage, and transfer of source and byproduct materials related to the Columbia Fuel Fabrication Facility (CCCF) activities to the Materials License issued by the Commission.

The CCCF currently operates under a Part 70 license for SNM. Under this license they are required to protect Special Nuclear Material (SNM) IAW 10 CFR 73.67. The current approved Physical Security Plan (PSP) provides reasonable assurance that the SNM at the facility has adequate protection against theft and diversion. The request makes no changes to the amount, location, or enrichment of the SNM already at the facility and therefore would not necessitate a revision of the PSP. The request does not make any changes to the current PSP commitments. The request asks for a transfer of existing source and byproduct material from a State License to a NRC License and that transfer, if approved, would not affect the current security posture of the facility.

CONCLUSIONS

Based upon a review of the letter submitted September 7, 2010 in conjunction with a review of 10 CFR 30, 40, and 70, the staff concludes with reasonable assurance that the request for a License Amendment to transfer the regulatory authorization for the receipt, possession, use, storage, and transfer of source and byproduct materials related to the Columbia Fuel Fabrication Facility (CCCF) activities to the Materials License issued by the Commission does not have an impact on the physical and transportation security of the CCCF IAW 10 CFR 73.67.

The Staff has no objection to the requested License Amendment.

PRINCIPAL CONTRIBUTOR(S)

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