

## **SAFEGUARDS EVALUATION REPORT**

DOCKET NUMBER: 07001151

LICENSE NUMBER: SNM-1107

LICENSEE: Westinghouse Electric Company, LLC  
Columbia Fuel Fabrication Facility  
5801 Bluff Road  
Hopkins, SC 29061

SUBJECT: AMENDMENT 22 OF SPECIAL NUCLEAR MATERIAL LICENSE  
NUMBER 1107: PHYSICAL SECURITY PLAN, REVISION 47,  
ENTERPRISE PROJECT IDENTIFIER: 000224/07001151/L-2019-  
SPR-0006

### **1.0 INTRODUCTION AND BACKGROUND**

By letter dated August 15, 2019 (Agencywide Documents Access and Management System (ADAMS) Accession Number ML19234A126), Westinghouse Electric Company (WEC) submitted Revision 47 to the Physical Security Plan (PSP) for its Columbia Fuel Fabrication Facility (CFFF) for review and approval by the U.S. Nuclear Regulatory Commission (NRC). WEC submitted its revision to the PSP in accordance with Title 10 of the *Code of Federal Regulations* (10 CFR) Section 70.34. Revision 47 of the PSP contains information that has been marked as "Safeguards Information" by the licensee pursuant to 10 CFR 73.21. In its submittal, the licensee stated that the proposed change, which relates to the licensee's capability for responding to unauthorized penetrations or activities, is administrative in nature and that it does not decrease the effectiveness of the PSP. Revision 47 would replace Revision 46 in its entirety.

### **2.0 PURPOSE**

The purpose of the NRC staff review of the licensee's submittal was to determine whether the proposed change to the PSP meets the regulatory requirements in 10 CFR Part 73 and that it does not reduce the effectiveness of the Physical Protection Program for the CFFF.

### **3.0 REGULATORY REQUIREMENTS**

The regulations in 10 CFR 70.34, "Amendment of licenses," state the following:

"Applications for amendment of a license shall be filed in accordance with § 70.21(a) and shall specify the respects in which the licensee desires his license to be amended and the grounds for such amendment."

The regulations in 10 CFR Part 73 establish requirements for the "Physical Protection of Special Nuclear Material of Moderate and Low Strategic Significance." More specifically, the regulations in 10 CFR 73.67(f)(3) state the following:

(f) *Fixed site requirements for special nuclear material of low strategic significance.*  
Each licensee who possesses, stores, or uses special nuclear material of low

strategic significance at a fixed site or contiguous sites, except those who are licensed to operate a nuclear power reactor pursuant to Part 50, shall:

- (1) ...
- (2) ...
- (3) Assure that a watchman or offsite response force will respond to all unauthorized penetrations or activities.

#### 4.0 NRC STAFF EVALUATION

The NRC staff reviewed the information submitted by WEC and determined that the change proposed by the licensee assures that a watchman or offsite response force will respond to all unauthorized penetrations or activities. Therefore, the NRC staff determined that the change meets the regulatory requirement in 10 CFR 73.67(f)(3) and, as such, does not reduce the effectiveness of the facility's Physical Protection Program.

#### 5.0 CONCLUSION

The NRC staff concludes that the methods and procedures outlined in CFFF's PSP, Revision 47, satisfy the performance objectives requirements in 10 CFR 73.67 and the Interim Compensatory Measures Orders. Therefore, NRC staff finds that Revision 47 of the CFFF PSP is acceptable and provides reasonable assurance that the requirements for the physical protection of Special Nuclear Materials of Low Strategic Significance will be met. Therefore, Revision 47 of WEC's PSP is approved. As such, safeguards condition 2.1 of SNM-1151 should be amended to reference Revision 47 of the PSP as follows:

SG-2.1: The licensee shall follow the physical protection plan entitled, "Physical Security Plan," Revision 47, dated August 15, 2019, and as it may be further revised in accordance with the provisions of 10 CFR 70.32(e).

#### 6.0 ENVIRONMENTAL REVIEW

The amendment of SNM-1151 is related to safeguards matters and is being issued under 10 CFR Part 70. Pursuant to the regulations in 10 CFR 51.22, issuance of an amendment to a license under parts 50, 52, 60, 61, 63, 70, 72, or 75 of 10 CFR relating solely to safeguards matters is an action that belongs to a category of actions which the Commission, by rule or regulation, has declared to be categorically excluded from the requirements to prepare a site-specific environmental assessment. Therefore, in accordance with 10 CFR 51.22(c)(12), neither an environmental assessment nor an environmental impact statement is needed for this action.

#### 7.0 REFERENCES

- 10 CFR 73.67, "Licensee fixed site and in-transit requirements for the physical protection of special nuclear material of moderate and low strategic significance."
- Interim Compensatory Measure Order dated February 6, 2003 (SGI).

#### PRINCIPAL CONTRIBUTORS:

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