



UNITED STATES  
NUCLEAR REGULATORY COMMISSION

REGION II  
SAM NUNN ATLANTA FEDERAL CENTER  
61 FORSYTH STREET, SW, SUITE 23T85  
ATLANTA, GEORGIA 30303-8931

February 24, 2006

Mr. Mark Fecteau  
Manager, Columbia Plant  
Westinghouse Electric Company  
Commercial Nuclear Fuel Division  
Drawer R  
Columbia, SC 29250

SUBJECT: NRC INSPECTION REPORT NO. 70-1151/2006-001

Dear Mr. Fecteau:

This refers to the inspection conducted from January 23-27, 2006, at your Columbia, South Carolina facility. The purpose of the inspection was to determine whether activities authorized by the license were conducted safely and in accordance with NRC requirements. The area examined during the inspection was Radiation Protection. Within this area, the inspection consisted of selective examinations of procedures and representative records, interviews with personnel, and observation of activities in progress.

As a result of the inspection, the enclosed NRC Form 591FF, SAFETY INSPECTION, is being issued. The enclosed forms indicate that no violations were identified during the above described inspection of your licensed activities. Please retain these forms for your files. No acknowledgment of this letter is required.

In accordance with 10 CFR 2.390 of the NRC's "Rules of Practice," a copy of this letter and its enclosure will be made available electronically for public inspection in the NRC Public Document Room or from the NRC's document system (ADAMS), accessible from the NRC Web site at <http://www.nrc.gov/reading-rm/adams.html>.

Thank you for your cooperation. If you have any questions, please call me at (404) 562-4731.

Sincerely,

Thomas Decker for */RA/*

Jay L. Henson, Chief  
Fuel Facility Inspection Branch 2  
Division of Fuel Facility Inspection

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

Enclosure: (See page 2)

M. Fecteau

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Enclosure: NRC 591FF Parts 1 and 3

cc w/encl:

Sam McDonald, Manager  
Environment, Health and Safety  
Commercial Nuclear Fuel Division  
Westinghouse Electric Corporation  
P. O. Box R  
Columbia, SC 29250

Henry J. Porter, Assistant Director  
Div. of Radioactive Waste Mgmt.  
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ADAMS: ☐ Yes    ACCESSION NUMBER: \_\_\_\_\_

OFFICE	RII:DFFI	RII:DFFI					
SIGNATURE	/RA/	/RA/					
NAME	CTaylor	MCrespo					
DATE	02/24/2005	02/24/2005					
E-MAIL COPY?	YES NO	YES NO	YES NO	YES NO	YES NO	YES NO	YES NO

OFFICIAL RECORD COPY

DOCUMENT NAME: E:\Filenet\ML060550173.wpd

SAFETY INSPECTION REPORT  
AND COMPLIANCE INSPECTION

## 1. LICENSEE/LOCATION INSPECTED:

Westinghouse Electric Company  
Commercial Nuclear Fuel Division  
Columbia, SC 29250

## 2. NRC/REGIONAL OFFICE:

U.S. Nuclear Regulatory Commission  
Region II, Division of Fuel Facilities Inspection  
61 Forsyth Street, Suite 23T85  
Atlanta, GA 30303

REPORT NUMBER(S): 70-1151/2006-001

## 3. DOCKET NUMBER(S):

70-1151

## 4. LICENSEE NUMBER(S):

SNM-1107

## 5. DATE(S) OF INSPECTION:

1/23-27/06

## LICENSEE:

The inspection was an examination of the activities conducted under your license as they relate to radiation safety and to compliance with the Nuclear Regulatory Commission (NRC) rules and regulations and the conditions of your license. The inspection consisted of selective examinations of procedures and representative records, interviews with personnel, and observations by the inspector. The inspection findings are as follows:

- ☒ 1. Based on the inspection findings, no violations were identified.
- ☐ 2. Previous violation(s) closed.
- ☐ 3. The violation(s), specifically described to you by the inspector as non-cited violations, are not being cited because they were self-identified, non-repetitive, and corrective action was or is being taken, and the remaining criteria in the NRC Enforcement Policy to exercise discretion were satisfied.
- \_\_\_\_\_ Non-Cited Violation(s) was/were discussed involving the following requirement(s) and
- ☐ 4. During this inspection certain of your activities, as described below and/or attached, were in violation of NRC requirements and are being cited. This form is a NOTICE OF VIOLATION, which may be subject to posting in accordance with 10 CFR 19.11.

(Violations and Corrective Actions)

## Licensee's Statement of Corrective Actions for Item 4, above.

I hereby state that, within 30 days, the actions described by me to the inspector will be taken to correct the violations identified. This statement of corrective actions is made in accordance with the requirements of 10 CFR 2.201 (corrective steps already taken, corrective steps which will be taken, date when full compliance will be achieved). I understand that no further written response to NRC will be required, unless specifically requested.

Title	Printed Name	Signature	Date
LICENSEE'S REPRESENTATIVE	Not Applicable		
NRC INSPECTOR	Cynthia Taylor		

**SAFETY INSPECTION REPORT  
AND COMPLIANCE INSPECTION**

1. LICENSEE

**Westinghouse Electric Company  
Commercial Nuclear Fuel Division  
Columbia, SC 29250**

2. NRC/REGIONAL OFFICE

**U.S. Nuclear Regulatory Commission  
Region II, Division of Fuel Facilities Inspection  
61 Forsyth Street, Suite 23T85  
Atlanta, GA 30303**

REPORT NUMBER(S): **07-1151/2006-001**

3. DOCKET NUMBER(S):

**07-1151**

4. LICENSE NUMBER(S):

**SNM 1107**

5. DATE(S) OF INSPECTION:

**1/23-27/06**

6. INSPECTOR(S): Cynthia Taylor

7. INSPECTION PROCEDURES USED:

83822 ; Temporary Instruction 2600/012 (Information Notice, 95-51)

**SUPPLEMENTAL INSPECTION INFORMATION**

**Executive Summary**

The Westinghouse Facility fabricates low-enriched uranium fuel for use in commercial reactors. During the period of the inspection, all operations were normal.

This routine, announced inspection included observations and evaluations of the radiation protection program. All areas were reviewed per Radiation Protection procedure 83822 except for R1.01, R1.02, R1.06 and R1.11. The inspection involved observations of work activities, reviews of selected records, and interviews with plant personnel. The inspection identified the following aspects of the licensee programs as outlined below:

**Radiation Protection**

- The licensee's self-assessments of the radiation protection program were implemented in accordance with the license and the regulatory requirements.
- The external and internal exposure monitoring program was implemented in a manner to maintain doses as low as reasonably achievable. Exposures were less than the occupational limits in 10 CFR 20.1201.
- Radiological safety postings, labeling and radiation job procedures were properly used to communicate potential hazards and protective requirements to workers.
- The radiation and contamination survey programs were appropriately implemented to protect workers, and to identify potential work areas posing an internal or external radiation hazard to workers.
- The licensee's radiation safety instrumentation and equipment was adequate and maintained operational. The licensee had a program in place for preventative maintenance and inventory.

## Executive Summary (continued)

### Inspector Follow-up Items (IFI):

- Temporary Instruction 2600/012 : *Institutionalizing Concern Regarding Safety Issues Identified in selected Past Generic Communications*

Information Notice 95-051: Recent Incidents Involving Potential Loss of Control of licensed Material. The licensee maintains a current sealed source inventory identifying the radionuclide, model number, activity, and location. The sources are kept secured by lock and key or are located in various machines throughout the facility. A custodian from the radiation protection program physically verifies the sources bi-annually.

### List of Items Opened, Closed, and Discussed

70-1151/2006-001-01	Open	URI	The licensee will reevaluate the extremity monitoring program in the pelleting area due to changes in personnel and operations. The licensee will review current monitoring procedures and training in this area.
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