



UNITED STATES
NUCLEAR REGULATORY COMMISSION

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

May 16, 2006

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

SUBJECT: NRC INSPECTION REPORT NO. 70-1151/2006-005

Dear Mr. Fecteau:

This refers to the inspection conducted from April 17-21, 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 areas examined during the inspection were Chemical Safety, Operations, and Management Organization and Controls. Within these areas, 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,

/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
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ADAMS: X Yes ACCESSION NUMBER: _____

OFFICE	RII:DFFI	RII:DFFI					
SIGNATURE	SS 5/16/06	MC 5/16/06					
NAME	SSubosits	MCrespo					
DATE							
E-MAIL COPY?	YES NO	YES NO	YES NO	YES NO	YES NO	YES NO	YES NO

OFFICIAL RECORD COPY DOCUMENT NAME: E:\Filenet\ML061360324.wpd

**SAFETY INSPECTION REPORT
 AND COMPLIANCE INSPECTION**

1. LICENSEE/LOCATION INSPECTED: Westinghouse Electric Company Commercial Nuclear Fuel Division Columbia, SC 29250 REPORT NUMBER(S): 2006-005	2. NRC/REGIONAL OFFICE: U.S. Nuclear Regulatory Commission Region II, Division of Fuel Facilities Inspection 61 Forsyth Street, Suite 23T85 Atlanta, GA 30303
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3. DOCKET NUMBER(S): 70-1151	4. LICENSEE NUMBER(S): SNM-1107	5. DATE(S) OF INSPECTION: 4/17-21/06
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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 Corrective Action(s):

- 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	Manuel Crespo, Steven Subosits	/RA/	5/16/06

**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): **2006-005**

3. DOCKET NUMBER(S):

07-1151

4. LICENSE NUMBER(S):

SNM 1107

5. DATE(S) OF INSPECTION:

4/17-21/06

6. INSPECTORS: Manuel Crespo, Stephen Subosits

7. INSPECTION PROCEDURES USED: 88020, 88056-66, 88005

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 announced inspection included a routine review of the chemical safety program and a regional initiative review of operations and management control and organization. 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:

Chemical Safety

- The licensee's work order package contents and scope of review were sufficient to ensure safety.
- The site-wide safety procedures and chemical safety training were found to be satisfactory to ensure safe conduct of operations.
- The licensee's Hazard Assessment activities for a modification to the vaporization process were thorough in identification and mitigation of process hazards.
- The licensee's surveillance testing was adequate for equipment and instrumentation important to safety.
- Licensee audits were adequate in their focus and assessment of the various chemical safety impacts to work activities and plant operation.
- Management of change requirements and implementation were generally found to be adequate to ensure safe operations. The licensee initiated appropriate actions to address a deficiency noted by the inspector in the control of non-current revisions of piping and instrument diagrams in the plant controlled area.
- Operators were knowledgeable of chemical safety aspects of the vaporization and solvent extraction process.

Executive Summary (continued)

Operations

- The licensee adequately implemented their configuration management program for the modifications to the incinerator effluents systems and pellet loading system.
- A minor weakness was noted in the clarity of the writing of one of the procedures for cylinder operations. The licensee committed to addressing this issue with clearer language.
- The licensee was adequately testing and maintaining the criticality alarms of the process area.
- The licensee adequately implemented configuration control with drawings that accurately reflected the process equipment.

Management Organization and Controls

- The Redbook and corrective action program system adequately captured and tracked event findings.
- Changes in the Redbook system regarding reporting leaks was not adequately communicated to all operations.
- The licensee was adequately implementing their upgrades to the human performance program.

Items Opened, Closed, And Discussed

<u>Item Number</u>	<u>Status</u>	<u>Type</u>	<u>Description</u>
70-1113/2005-008-01	Closed	VIO	Failure to Perform Weekly Operational Function Tests on Eye-washes and Showers