



UNITED STATES
NUCLEAR REGULATORY COMMISSION

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

September 12, 2006

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

SUBJECT: NRC INSPECTION REPORT NO. 70-1151/2006-007

Dear Mr. Fecteau:

This refers to the inspection conducted from August 14 through August 18, 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 Emergency Preparedness. 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 NRC Form 591FF Part 1, SAFETY INSPECTION, indicates that no violations were identified during the above described inspection of your licensed activities. Also, please find enclosed with this letter the NRC Form 591FF Part 3 summarizing the inspection. 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>.

Should you have any questions concerning this letter, please contact us.

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

2

Enclosure: NRC 591FF Parts 1 and 3

cc w/encl:

Marc Rosser, 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.
Dept. of Health and Environmental
Control
Electronic Mail Distribution

R. Mike Gandy
Division of Radioactive Waste Mgmt.
S. C. Department of Health and
Environmental Control
Electronic Mail Distribution

Distribution w/encl:

M. Adams, NMSS
B. Reilly, NMSS
J. Henson, RII
J. Pelchat, RII
PUBLIC

PUBLICLY AVAILABLE NON-PUBLICLY AVAILABLE SENSITIVE NON-SENSITIVE

ADAMS: Yes ACCESSION NUMBER: _____

OFFICE	RII:DFFI	RII:DFFI					
SIGNATURE	/RA/	Jhenson for					
NAME	CTaylor	JPelchat					
DATE	09/11/2006	09/11/2006					
E-MAIL COPY?	YES NO	YES NO	YES NO	YES NO	YES NO	YES NO	YES NO

OFFICIAL RECORD COPY DOCUMENT NAME: E:\Filenet\ML062560066.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): 70-1151/2006-007			
3. DOCKET NUMBER(S): 70-1151	4. LICENSEE NUMBER(S): SNM-1107	5. DATE(S) OF INSPECTION: August 14 -18, 2006	

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		

NRC FORM 591FF PART 3
(11-2005)
10 CFR 2.201

U.S. NUCLEAR REGULATORY COMMISSION

**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): **07-1151/2006-007**

3. DOCKET NUMBER(S):

07-1151

4. LICENSE NUMBER(S):

SNM 1107

5. DATE(S) OF INSPECTION:

August 14 - 18, 2006

6. INSPECTOR(S): Cynthia Taylor

7. INSPECTION PROCEDURES USED:

88055 (Emergency Preparedness), Matrix Temporary Instruction (TI) 2600/012 - Information Notice: 89-047 and 86-024

SUPPLEMENTAL INSPECTION INFORMATION

Executive Summary

The Westinghouse facility converts UF₆ to UO₂ for fabrication into low-enriched uranium fuel for use in nuclear power reactors. During the period of the inspection, all operations were normal.

This routine, announced inspection included observations and evaluations of the emergency preparedness program. All areas were reviewed per the emergency preparedness procedure, 88050. 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 program as outlined below:

Emergency Preparedness

- Program changes made since the last inspection did not reduce the effectiveness of the program. The independent audit was detailed and provided a critical assessment of the program.
- Emergency response personnel were adequately trained on the appropriate topics. The licensee's emergency preparedness training program was in compliance with regulatory requirements.
- Based on interviews and records reviewed, the inspector determined that the licensee was periodically contacting off-site support groups to maintain a state of readiness for responding to emergencies.
- The drill and exercise program was effectively implemented as evidenced by the types of scenarios postulated and the frequency at which drills were conducted.
- Based on facility tours, interviews, and review of surveillance documentation, the inspector concluded that the facilities and equipment were adequately maintained.

Executive Summary (cont')

Emergency Preparedness (cont')

- The inspector noted the following deficiencies in the Emergency Plan:
 - Although these inspections were performed and documented, a formal inspection procedure for monthly self-contained breathing apparatuses (SCBA) had not been developed.
 - The licensee's mutual aid agreement with the local hospital needed to be updated.
 - Although offsite responders had been participating in onsite training, a formal letter soliciting their participation had not been developed.
 - The standardized formal training was poorly documented for the emergency preparedness organization and fire brigade members. Because emergency preparedness documentation was not a part of the licensee's personnel training system, the documentation was not organized nor consistent.

Inspector Followup Item (IFI) 70-1151/2006-007-01 was opened to track the licensee's progress in these areas.

Events Reviewed

None

Follow-up Items :

- **Temporary Instruction 2600/012: Institutionalizing Concern Regarding Safety Issues Identified in selected Past Generic Communications, Information Notices (IN)**
 - IN-89-47, "Potential Problems with Worn or Distorted Hose Clamps on Self-Contained Breathing Apparatus":** Based on interviews, documentation, and physical inspection of equipment, the inspector determined the licensee used mask mounted regulators that did not have hose clamp attachments. The mask and hose are one piece and hose clamps were not used. This item is considered closed.
 - IN-86-24, "Respirators Users Notice Increase Inspection Frequency for Certain Self-Contained Breathing Apparatus Air Cylinders":** The inspector reviewed procedures, interviewed staff and reviewed inventories concerning the IN. The licensee did not possess those SCBAs identified in the notice. This item is considered closed.
- **Inspector Follow-up Item (IFI) 70-1151/2005-08-01**

This item involved failure to perform weekly operational function tests on eye washes and showers was reviewed. The inspector determined that the licensee had added the function test of eye washes and showers to the preventive maintenance program tracking system and had updated their procedures. The inspector reviewed records, and physically inspected eye washes and showers throughout the facility and no problems were noted. This IFI is considered closed.
- **IFI-70-1151/2005-08-02**

Inability to clearly hear the Voice Communication System (VCS) in the conversion area during normal operations was reviewed. The inspector determined that the licensee continued to have this problem with the VCS. The licensee's short-term corrective action involved communication between the control room and each conversion line via the telephone located on each line. The licensee indicated funding had been approved for a project to update the VCS, and the licensee planned to assess the problem in the fall. This IFI will remain open.

Follow-up Items (cont')

IFI-70-1151/2005-03-01

This item involved failure to review and verify adequacy of the corrective actions taken to resolve exercise weaknesses, including the performance of remedial exercises. The inspector was unable to verify the corrective actions due to the limited scope exercise in March that lacked full participation by offsite organizations such as law enforcement authorities as documented in inspection report 70-1155/2006-003. The item will be reviewed again during the next NRC observed exercise. This item is considered open.

List of Items Opened, Closed, and Discussed

<u>Item Number</u>	<u>Status</u>	<u>Type</u>	<u>Description</u>
70-1151/2005-08-01	Closed	Violation	Failure to Perform Weekly Operational Function Tests on Eye washes and Showers
70-1151/2005-08-02	Open	IFI	Inability to Clearly Hear the VCS in the Conversion Area During Normal Operation
70-1151/2005-03-01	Open	IFI	Review and verify adequacy of the corrective actions taken to resolve exercise weaknesses, including the performance of a remedial exercise
70-1151/2006-07-01	Open	IFI	(1) Develop formal procedure to perform SCBA monthly inspections (2) Update mutual-aid agreement with local hospital (3) Develop formal letter soliciting participation in onsite emergency preparedness training for local law and first responders. (4) Standardize formal training documentation for emergency preparedness organization members and fire brigade
IN-89-47	Closed	IN	Potential Problems with Worn or Distorted Hose Clamps on Self-Contained Breathing Apparatus
IN-86-24	Closed	IN	Respirators Users Notice Increase Inspection Frequency for Certain Self-Contained Breathing Apparatus Air Cylinders