



UNITED STATES  
NUCLEAR REGULATORY COMMISSION

REGION II  
101 MARIETTA ST., N.W.  
ATLANTA, GEORGIA 30323

NOV 09 1988

Report No.: 70-1151/88-14

Licensee: Westinghouse Electric Corporation  
Commercial Nuclear Fuel Division  
Columbia, SC 29250

Docket No.: 70-1151

License No.: SNM-1107

Facility Name: Westinghouse Electric Corporation  
Columbia Plant

Inspection Conducted: September 26-30, 1988

Inspector: E. D. Testa 11/9/88  
E. D. Testa Date Signed

Approved by: W. H. Rankin 11/9/88  
W. H. Rankin, Acting Section Chief Date Signed  
Division of Radiation Safety and Safeguards

SUMMARY

Scope: This routine, unannounced inspection was conducted in the area of emergency preparedness.

Results: One violation was identified: Failure to maintain controlled copies of the Site Emergency Plan and Implementing Procedures complete and up-to-date (Paragraph 4). The findings indicated a weakness in the maintenance of the Emergency Plan and Implementing Procedures.

## REPORT DETAILS

### 1. Persons Contacted

#### Licensee Employees

- \*R. Fischer, Senior Engineer
- H. Foster, Regulatory Engineer
- \*W. Goodwin, Manager Regulatory Affairs
- \*J. Hiebich, Manager Chemical Manufacturing
- R. Jacobs, Conversion Area Supervisor
- B. Lewis, Conversion Area Supervisor
- \*P. Loch, Plant Manager
- R. Montgomery, Senior Regulatory Engineer
- R. Peterson, Conversion Area Supervisor
- \*E. Reitler, Manager Regulatory Engineering
- N. Stevenson, Conversion and Scrap Recovery Supervisor
- \*R. Wiggins, Manager Product Assurance

Other licensee employees contacted during this inspection included engineers, operators, security force members, and technicians.

#### Other Organizations

- L. Dobbs, Health Physicist III Emergency Planning Section, State of South Carolina
- T. Jacob, Operations Officer, Richland County Emergency Preparedness
- R. Martin, Director, Richland County Emergency Preparedness
- F. Riddle, Lieutenant, Office of the Sheriff Richland County
- J. Sauer, Acting Assistant Chief, Columbia Fire Department

\*Attended exit interview

### 2. Licensee Action on Previous Enforcement Matters

This subject was not addressed during this inspection.

### 3. Offsite Support Agencies (88050)

Discussions with a licensee representative, and verification by review of agreement letters on file, indicated that written agreements had been executed with agencies specified in the Columbia Site Emergency Plan (Radiological Contingency Plan (RCP)). Further, these agreements had been updated and renewed at the frequency specified in the RCP.

The inspector held discussions with representatives from selected offsite agencies (see Paragraph 1 above) regarding the licensee's interface on training and periodic renewal of agreements. No problems were noted. According to offsite contacts, the licensee, on a periodic basis, was

contacting support organizations for training and discussing emergency preparedness matters of a mutual concern.

No violations or deviations were identified.

#### 4. Emergency Plans, Procedures, Facilities, and Equipment (88050)

An inspection and operability check was performed on selected equipment and support items used for emergency response in the Emergency Operations Control Center. The equipment and support items were found in place and maintained. The inspector selectively reviewed controlled copies of the Columbia Site Emergency Plan and Implementing Procedures and found that six of the eight copies inspected were either not up to date or missing pages.

- ° Two copies in the Control Room contained old revisions in the tabbed locations while the most recent revisions were placed in the back of the book unlabeled.
- ° One copy of the Plan at the Main Guard Station had old revisions and the latest revision commingled.
- ° One Plan located in the Emergency Brigade Trunk did not contain the latest revision issued on August 12, 1988.
- ° One Plan copy located in the Health Physics Emergency Cabinet was incomplete and had Procedure CSEP 12 A titled "Contaminated Casualties" missing.
- ° One copy assigned to an individual was missing Appendix B titled "Calculation of Dose Commitment."

In addition several procedures in controlled copies were found to have double-sided procedures copied only on one side. This was identified as a violation.

Violation 70-1151/88-14-01: Failure to maintain controlled copies of the Site Emergency Plan and Implementing Procedures complete and up-to-date.

The inspector reviewed the backup communication capability of the site should a power failure interrupt the normal plant telephone system. The telephone system automatically switches to outside trunk lines upon loss of power; however, there were no records to show that this system had been tested to ensure its availability and/or reliability. The absence of a periodic program to ensure backup telephone readiness was identified as an Inspector Followup Item (IFI).

IFI 70-1151/88-14-02: Develop a periodic testing program to ensure that the backup telephone system is available if required.

One violation was identified.

## 5. Training (88050)

The inspector conducted an interview in the Control Room with a Conversion and Scrap Recovery Supervisor. The Supervisor will serve as the Emergency Coordinator until relieved by the Emergency Director or Alternate Emergency Staff member. The Supervisor was given several sets of hypothetical emergency conditions and plant data and asked to talk through the response he would provide and the actions he would take as the Emergency Coordinator if such an emergency actually existed. An alternate Emergency Director was also interviewed using the same method. The individuals were able to correctly classify the event situations and demonstrated a working knowledge of the Emergency Plan and Implementing Procedures. No problems were observed.

The inspector selectively reviewed the training records of individuals designated as Emergency Coordinators and Emergency Directors. No problems were found.

No violations or deviations were identified.

## 6. Tests and Drills (88050)

Discussions with licensee personnel and a selective review of records and correspondence confirmed that planning was underway for the annual drill. The inspector reviewed and commented on a recent draft of the scenario for the drill.

No violations or deviations were identified.

## 7. Action On Previous Inspection Findings (88050)

- a. (Closed) IFI 70-1151/87-01-57: Include a typical listing of the Emergency Equipment in Appendix D of the RCP. A review of Appendix D titled "Emergency Equipment and Supplies" and the detailed inventories kept at the storage locations indicated that appropriate lists of emergency equipment were available.
- b. (Closed) IFI 70-1151/87-01-68: Providing annual training to offsite groups expected to respond to an emergency which includes access procedures, radiological and chemical hazards, and means of protection and prearranged interface. A review of correspondence sent to offsite emergency response organizations inviting them to a training session to be conducted on October 7, 1988, and a review of the training program outline indicated that all items would be satisfactorily presented.
- c. (Closed) IFI 70-1151/88-05-01: Complete installation of the criticality alarm system and document audibility and reliability of the system throughout the plant. The inspector reviewed test results which documented audibility of the system. Results of the test indicated an acceptable reliability for the system existed. The

inspector witnessed the weekly test of the system conducted on September 29, 1988 at 2:00 p.m. The inspector was located on the first floor level of the Manufacturing Automation Project area (MAP). The Fire Alarm and Criticality Alarm were audible and performed as designed.

### 3. Exit Interview

The inspection scope and results were summarized on September 30, 1988, with those persons indicated in Paragraph 1. The inspector described the areas inspected and discussed in detail the inspection results listed below. Although proprietary material was reviewed during the inspection, proprietary information is not contained in this report. Dissenting comments were not received from the licensee.

<u>Item Number</u>	<u>Descriptions and Reference</u>
70-1151/88-14-01	Violation - Failure to maintain controlled copies of the Site Emergency Plan and Implementing Procedures complete and up-to-date, Paragraph 4.
70-1151/88-14-02	Inspector Followup Item - Develop a periodic testing program to ensure that the backup telephone system is available if required, Paragraph 4.

Licensee management was informed that IFIs discussed in Paragraph 7 were considered closed.