



U.S. NRC

United States Nuclear Regulatory Commission

Protecting People and the Environment

Licensee Performance Review Westinghouse Columbia Fuel Fabrication Facility (CFFF)

Columbia, SC

May 21, 2013

1:00 – 2:00 p.m.



Division of Fuel Facility Inspection

AGENDA

- **NRC - Introductions**
- **NRC Mission – What We Do**
- **NRC - Discussion of LPR Results**
- **CFFF - Response to NRC Review**
- **NRC - Adjourn Business Portion**
- **NRC - Informal Question & Answer Session with the Public**
- **NRC - Adjourn Meeting**

MISSION STATEMENT

The NRC licenses and regulates the Nation's civilian use of radioactive materials to protect public health and safety, promote the common defense and security, and protect the environment.

PURPOSE OF LPR

- **Inform Westinghouse & public of the results of the NRC's performance review.**
- **Provide information on planned NRC inspections for the remainder of the calendar year**

HOW IS IT DONE?

- **Review inspection results, events, and related issues for performance trends during the assessment period.**
- **Identify areas needing improvement, if applicable.**
- **Identify performance trends that may warrant additional NRC review.**

FUNCTIONAL AREAS

- **Safety Operations**
- **Safeguards**
- **Radiological Controls**
- **Facility Support**
- **Other Areas**

CURRENT LPR RESULTS

Assessment Period

January 1, 2011 – December 31, 2012



CURRENT LPR RESULTS

- **CFFF continues to conduct licensed activities safely and securely; protecting public health and safety and the environment.**
- **CFFF's has made substantial progress in addressing the causes of the identified issues. However, the area needing improvement will remain open and the NRC will inspect the effectiveness of their ongoing corrective actions.**

Safety Operations

Plant Operations and Criticality, Chemical, and Fire Safety

- **One previously identified area needing improvement will remain open.**

Completion of NCSIP-II by December 31, 2014.

Radiological Controls

Radiation Protection, Environmental Protection, Waste Management, and Transportation

- **No areas needing improvement**

Facility Support

Maintenance & Surveillance, Permanent Plant Modifications, Training, Emergency Preparedness & Management Oversight

- **No areas needing improvement**

Other Areas

- **Special Topics (Licensing)**
 - **No areas needing improvement**
- **Safeguards (Physical Security, Information Security, and Material Control and Accounting)**
 - **No areas needing improvement**

PLANNED INSPECTIONS

NRC Inspections in 2013:

The core NRC inspection program will be augmented to include, at a minimum, one additional NCS inspections to evaluate the effectiveness of the NCSIP-II activities and to ensure that CFFF completes necessary actions to ensure the accuracy and reliability of NCS analyses.

CLOSING REMARKS

- **CFFF's Response to Performance Review Results**
- **Informal Question & Answer Session between NRC and the Public**

SUMMARY

- **CFFF continues to conduct licensed activities safely and securely; protecting public health and safety and the environment.**
- **CFFF has made substantial progress in addressing the root causes. However, the area needing improvement will remain open pending completion of activities and an effectiveness review.**

QUESTIONS?

PREVIOUS PERFORMANCE RESULTS

- In earlier reviews, NRC identified multiple violations including a Severity Level IV violation when licensee did not correctly apply criteria from ISA Handbook for classifying events as incredible. Relied on facility SSCs not considered IROFS on three separate instances.

- **During the 2011 LPR period, the NRC continued to identify similar violations in the area of Safety Operations.**
 - **Severity Level III violation involved the IFBA Filter Press**
 - **Severity Level IV violation involved insufficient controls to reduce the estimated likelihood of a criticality in a cylinder in the vaporizer.**

- **The violations resulted from inconsistent identification and implementation of nuclear criticality safety (NCS) controls and recurring examples of failing to identify, evaluate and respond to off-normal conditions.**
- **The NRC also noted the need for improvement in NCS analyses with respect to adherence to license commitments and NCS program procedures.**

- **CFFF initiated NCSIP-II to address noted weaknesses. This effort is ongoing.**
- **Licensee has expanded the scope and extended the completion date to address related issues.**