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Your ref:
Our ref: LTR-RAC-10-72

Date: October 25, 2010

SUBJECT: REPLY TO A NOTICE OF VIOLATION
REFERENCE: REPORT NO: 70-1151/2010-006

Pursuant to the provisions of 10 CFR 2.201, Westinghouse Electric Company LLC (Westinghouse) herein provides a response to your letter of September 27, 2008, regarding your inspection of the Columbia Fuel Fabrication Facility conducted onsite August 23-27, 2010 and from the exit meeting held on August 27, 2010.

Appendix A provides the reply to the violation of NRC requirements specified in the Notice of Violation.

I hereby affirm that the statements made in this response are true and correct to the best of my knowledge and belief. Should you have any questions or require additional information, please telephone Marc A. Rosser of my Staff at (803) 647-3174.

Sincerely,

David J. Precht, Acting Plant Manager
Columbia Fuel Fabrication Facility
Westinghouse Electric Company LLC

Attachment: Appendix A

cc: U. S. Nuclear Regulatory Commission
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IEB7
NMSS

APPENDIX A
WESTINGHOUSE RESPONSE TO NOTICE OF VIOLATION

A.1 In the September 27, 2010, Inspection Report (70-1151/2010-006) and Notice of Violation, it is stated that during a U.S. Nuclear Regulatory Commission (NRC) inspection, a violation of NRC requirements was identified. NRC described the violation as listed below:

Safety Condition S-1 of Special Nuclear Materials (SNM) License No. SNM-1107 authorizes the use of licensed materials in accordance with the statements, representations, and conditions in the License Application and Supplements.

Paragraph 3.4.1 of the License Application, titled Procedure Structure, states, in part, that operations to assure safe, compliant activities involving nuclear material are conducted in accordance with approved procedures.

Licensee procedure RA-203, titled General HP Rules and Recommendations, paragraph 6.7.2.F states, in part, that personnel issued dosimeters or ring badges shall wear these devices when in the Chemical Area, Radiation Areas, and/or when working with or near radioactive material. Licensee memorandum LTR-EHS-10-23 issued 2/18/2010, Subject: Prospective Analysis: Monitoring Requirements for 2010, table titled: Matrix of Radiation Monitoring Requirements, specified that mechanical contractors are required to wear a whole body badge and that personnel working in the Final Assembly area were required to wear a whole body badge.

Contrary to the above, on August 24, 2010 during a training activity for contractors, the inspector overheard as a mechanical contractor state he had never worn his dosimeter in the Final Assembly area. During further discussions with the mechanical contractor, the inspector confirmed that he had worn his dosimeter in the contamination controlled area, but had never worn his dosimeter while working in the Final Assembly area. The failure of the contractor to wear his dosimeter in the Final Assembly area in accordance with licensee procedure RA-203 and memorandum LTR-EHS-10-23 was considered a violation of NRC requirements (VIO 70-1151/2010-006-01).

This was identified as a Severity Level IV Violation (Supplement VI).

A.1.a ACKNOWLEDGEMENT OF THE VIOLATION

Westinghouse acknowledges the violation as identified in the Inspection Report and Notice of Violation, Report Number: 70-1151/2009-007.

A.1.b REASON FOR THE VIOLATION

The reason for the violation is that the development and implementation of the necessary procedural controls were less than adequate.

A.1.c CORRECTIVE ACTION TAKEN AND RESULTS ACHIEVED

The violation was entered into the Corrective Action Process as issue # 10-236-C010. Westinghouse reviewed the requirement with maintenance and all other contractors who perform work in multiple areas of the plant. It was determined that 17 contract workers in total had not worn TLDs while performing work on the mechanical side of the plant where radioactive materials were located. The Radiation Safety Officer evaluated exposure potential and an estimate of the missed dose for 2009 was determined. The estimated missed dose ranges from 0.012 REM to 0.044 REM per person. The Form 5 data for the 17 contract workers have been revised and transmitted to REIRS, Office of Nuclear Regulatory Research U.S. Nuclear Regulatory Commission.

A.1.d ACTIONS TO PREVENT RECURRENCE

To raise awareness of the requirement and reinforce the proper wearing of TLDs, a document titled: *TLD Badges for External Dose Assessment: Supplemental Training* on the issue was developed and issued by EH&S during the week of the inspection for each manager to provide in a group meeting session. This supplemental training described the requirements:

“Once you are issued a TLD you are required by regulations and by procedure to wear it when working near radioactive material. If you are not sure when to wear it you should put the badge on as soon as you come in the plant and continue to wear it until you leave at the end of your work day. Only one TLD is issued per employee. You must wear the same TLD badge that was issued to you, in both radiation areas on the clean side (Final Assembly, Rod Areas, etc) and in the contamination controlled areas of the plant. You must ensure the TLD does not become contaminated by frisking when you move your TLD from the contamination areas to clean areas. You must contact EH&S Operations to resolve any issues (lost badge, contaminated badge, etc) with implementing this requirement.”

This required supplemental training was provided to the individuals among the plant population who potentially work in multiple work areas and were also issued TLDs. This training was completed on October 21, 2010.

A.1.e DATE WHEN FULL COMPLIANCE WILL BE ACHIEVED

Retraining and reinforcement of the proper wearing of TLDs for the individuals who potentially work in multiple work areas among the plant population was completed on October 21 2010. In response to this violation and to address the extent of condition, an investigation was conducted and it was determined that 17 contractors were not wearing their TLDs in all areas of the plant where monitoring was required. The Radiation Safety Officer evaluated exposure potential and an estimate of the missed dose for 2009 was

determined. The estimated missed dose ranged from 0.012 REM to 0.044 REM per person. The Form 5 data for the 17 contractors has been revised and transmitted to REIRS, Office of Nuclear Regulatory Research U.S. Nuclear Regulatory Commission on October 11, 2010. The above completed the actions necessary to restore compliance.