August 10, 2009

MEMORANDUM TO: Anthony Mendiola, Chief
Nuclear Performance and Code Review Branch
Division of Safety Systems
Office of Nuclear Reactor Regulation

FROM: Paul Clifford, Senior Technical Advisor /RA/
Division of Safety Systems
Office of Nuclear Reactor Regulation

SUBJECT: AUDIT PLAN FOR WCAP-16500-P SUPPLEMENT 1 REVISION 1, "APPLICATION OF CE SETPOINT METHODOLOGY FOR CE 16X16 NEXT GENERATION FUEL"

By letter dated October 24, 2008, Westinghouse submitted for U.S. Nuclear Regulatory Commission (NRC) staff review Topical Report (TR) WCAP-16500-P, Supplement 1, Revision 1, "Application of CE Setpoint Methodology for CE 16X16 Next Generation Fuel (NGF)." By letter dated April 1, 2009, NRC staff accepted this TR for review. As part of this review, the staff intends to conduct a one day audit of related proprietary material at the Westinghouse offices (nearby in Rockville, Md) on August 12, 2009.

The TR defines a revised analytical process for calculating COLSS and CPCS setpoints for reloads containing CE16NGF assemblies. As part of this audit, the staff intends to review Westinghouse setpoint calculations for the upcoming WSES-3 reload. This will be the first application of the proposed, revised methodology. In addition, Westinghouse has requested a discussion related to their response to staff's request for additional information transmitted July 7, 2009.

The audit team is comprised of Dr. Yuri Orechwa (DSS/SNPB) and Paul Clifford (DSS).

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