

March 28, 2014

Mr. Pedro Salas, Manager
Site Operations and Regulatory Affairs
AREVA NP Inc.
3315 Old Forest Road
Lynchburg, VA 24501

SUBJECT: RESPONSE TO CLARIFICATION REGARDING THE NRC SAFETY
EVALUATION FOR ANP-10297P, REVISION 0, "THE ARCADIA® REACTOR
ANALYSIS SYSTEM FOR PWRs METHODOLOGY DESCRIPTION AND
BENCHMARKING RESULTS"

Dear Mr. Salas:

By letter dated November 8, 2013 (Agencywide Documents Access and Management System Accession No. ML13317B922), AREVA NP Inc. (AREVA) provided the U.S. Nuclear Regulatory Commission (NRC) a clarification to a statement made in the final safety evaluation for AREVA Topical Report (TR) ANP-10297P, Revision 0, "The ARCADIA® Reactor Analysis System for PWRs [Pressurized Water Reactors] Methodology Description and Benchmarking Results." This letter serves as the NRC staff response to the AREVA clarification letter.

The NRC staff has reviewed the clarification letter associated with the ARCADIA® TR and found the letter satisfactorily addresses our concerns and provides the needed clarification. The NRC staff shall review the approved version of the TR and verify that AREVA has completed the two commitments stated in the clarification letter upon receipt of the approved version of the TR.

If you have questions regarding this matter, please contact Jonathan G. Rowley at (301) 415-4053.

Sincerely,

/RA/

Sher Bahadur, Deputy Director
Division of Policy and Rulemaking
Office of Nuclear Reactor Regulation

Project No. 728

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