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Document Control Desk
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555-0001

Final Response to an RAI on ANP-10297P, "The ARCADIA[®] Reactor Analysis System for PWRs Methodology Description and Benchmarking Results Topical Report" (TAC No. ME3911)

Ref. 1: Letter, Ronnie L. Gardner (AREVA NP Inc.) to Document Control Desk (NRC), "Request for Review and Approval of ANP-10297P, 'The ARCADIA[®] Reactor Analysis System for PWRs Methodology Description and Benchmarking Results Topical Report'," NRC:10:025, March 31, 2010.

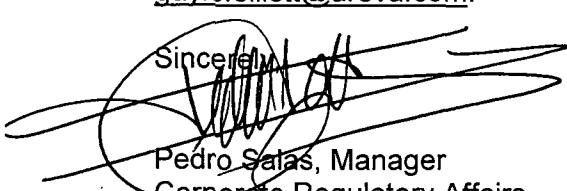
Ref. 2: Letter, Pedro Salas (AREVA NP Inc.) to Document Control Desk (NRC), "Partial Response to an RAI on ANP-10297P, 'The ARCADIA[®] Reactor Analysis System for PWRs Methodology Description and Benchmarking Results Topical Report'," NRC:11:021, March 3, 2011.

AREVA NP Inc. (AREVA NP) requested the NRC's review and approval of the topical report ANP-10297P, Revision 0, in Reference 1. A request for additional information was provided by the NRC in an email on November 17, 2010. A partial response to the RAI was provided in Reference 2. The final response to the RAI is provided in the CDs enclosed with this letter. Proprietary and non-proprietary versions of the responses are provided.

AREVA NP considers some of the material contained in the enclosed document to be proprietary. The affidavit provided with the original submittal of this topical report satisfies the requirements of 10 CFR 2.390(b) to support the withholding of the information from public disclosure.

If you have any questions related to this submittal, please contact Ms. Gayle F. Elliott, Product Licensing Manager. She may be reached by telephone at 434-832-3347 or by e-mail at gayle.elliott@areva.com.

Sincerely,



Pedro Salas, Manager
Corporate Regulatory Affairs
AREVA NP Inc.

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NRC

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Enclosures

cc: H.D. Cruz
Project 728