

July 24, 2013

Mr. Pedro Salas, Director  
U.S. EPR New Plants Regulatory Affairs  
AREVA NP Inc.  
3315 Old Forest Road  
P.O. Box 10935  
Lynchburg, VA 24506-0935

SUBJECT: AREVA RESPONSE TO U.S. NUCLEAR REGULATORY COMMISSION  
INSPECTION REPORT NO. 05200020/2013-201 AND NOTICE OF VIOLATION

Dear Mr. Salas:

Thank you for your July 8, 2013, response to our Notice of Violation (NOV) dated June 13, 2013. This NOV was discussed in the subject U.S. Nuclear Regulatory Commission (NRC) inspection report.

We have reviewed your letter and found that it is generally responsive to the referenced NOV. However, certain aspects of your response need to be addressed in further detail. You are required to respond to this letter within 30 days of the date of this letter and should follow the instructions specified at the end of this letter when preparing your response.

Violation No. 05200020/2013-201-01 was cited in the NOV because the NRC inspectors identified that AREVA failed to establish measures for the selection and review for suitability of its soil-structure interaction analysis computer program. Specifically, AREVA did not perform an adequate commercial-grade dedication technical evaluation to sufficiently identify the performance requirements and critical characteristics for the MTR-System for Analysis of Soil-Structure Interaction (MTR/SASSI) program and did not include or reference the limits of the dedicated capabilities within the related dedication plans.

Your response to Violation No. 05200020/2013-201-01 did not provide adequate detail for the staff to conclude that your proposed corrective actions would completely address the identified violation. Specifically, Attachment A, Item II.(3).1.(a), of your July 8, 2013, letter states in part, "Update MTR/SASSI dedication documents to include additional test problems to cover the higher shear wave velocities and computed frequencies up to 50 Hz, [...]." With respect to higher shear wave velocities, please specify the actual value or a range of values.

Attachment A Item II.(2), of your July 8, 2013, letter, states in part, "[...] an additional interim corrective action in the form of a Lesson's Learned entry into AREVA NP's Corrective Action Program was made to provide an interim barrier." In order for us to complete our records, it would be helpful if you would also provide the Corrective Action Program number associated with the interim barrier.

We have no further questions or comments at this time and may review the implementation of your corrective actions during a future NRC staff inspection to determine whether full compliance has been achieved and maintained.

In accordance with Title 10 of the *Code of Federal Regulation* (10 CFR) 2.390, "Public Inspections, Exemptions, Requests for Withholding," of the NRC's "Rules of Practice and Procedure," a copy of this letter and your response will be made available electronically for public inspection in the NRC Public Document Room or from the NRC's Agencywide Documents Access and Management System accessible from the NRC web site at <http://www.nrc.gov/reading-rm/adams.html>. To the extent possible, your response should not include any personal privacy, proprietary, or Safeguards Information so that it can be made available to the Public without redaction. If personal privacy or proprietary information is necessary to provide an acceptable response, please provide a bracketed copy of your response that identifies the information that should be protected and a redacted copy of your response that deletes such information. If you request that such material is withheld from public disclosure, you must specifically identify the portions of your response that you seek to have withheld and provide in detail the bases for your claim (e.g., explain why the disclosure of information will create an unwarranted invasion of personal privacy or provide the information required by 10 CFR 2.390(b) to support a request for withholding confidential commercial or financial information). If Safeguards Information is necessary to provide an acceptable response, please provide the level of protection described in 10 CFR 73.21, "Protection of Safeguards Information: Performance Requirements."

If you have any questions or need assistance regarding this matter, please contact Mr. George Lipscomb at (301) 415-6838 or via electronic mail at [George.Lipscomb@nrc.gov](mailto:George.Lipscomb@nrc.gov).

Sincerely,

*/RA/*

Kerri A. Kavanagh, Chief  
Quality Assurance Branch  
Division of Construction Inspection  
and Operational Programs  
Office of New Reactors

Docket No.: 05200020

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Sincerely,

*/RA/*

Kerri A. Kavanagh, Chief  
 Quality Assurance Branch  
 Division of Construction Inspection  
 and Operational Programs  
 Office of New Reactors

Docket No.: 05200020

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