

January 27, 2014

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. 05200020/2013-203 AND NOTICE OF VIOLATION

Dear Mr. Salas:

Thank you for your December 20, 2013, response to our Notice of Violation (NOV) dated November 26, 2013. This NOV was discussed in the subject U.S. Nuclear Regulatory Commission (NRC) inspection report.

We have reviewed your letter and found it 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. 05200020/2013-203-01 was cited in the NOV because the NRC inspectors identified two examples where AREVA failed to adequately implement measures to assure that conditions adverse to quality are promptly identified and corrected. In the first example, AREVA failed to evaluate the extent of condition for the input errors in the RELAP5/MOD2-B&W input decks developed for a large break loss-of-coolant accident analysis. In the second example, AREVA failed to evaluate the extent of condition for the programmatic issue of open design change reviews (DCRs) that were suspended when work was delayed in 2010 and not identified as needing to be completed to support restart of Design Certification application.

Your response to Violation No. 05200020/2013-203-01 did not provide adequate detail for the staff to conclude that your proposed corrective actions would completely address the identified violation. Specifically, the NRC requested in the cover letter that your response to the Notice should also address extent of condition for input errors to software performing safety-related calculations, and for open DCRs that were suspended when work was delayed in 2010 and not identified as needing to be completed to support restart of Design Certification application. The AREVA response identified that there was additional DCRs and CRs that needed to be tracked and that there was a potential extent of condition for input errors to software performing safety-related calculations. The NRC staff needs additional information related to the extent of condition to determine the significance, and the adequacy of the corrective actions, that AREVA has initiated.

The NRC requests that AREVA provide a list of the DCRs and CRs needed to be tracked and the software performing safety-related calculations that have a potential extent of condition for

input errors. The list should include a title, subject matter description, and AREVA reference number. The information should be descriptive enough for the NRC staff to determine the significance of the extent of condition, and the adequacy of the corrective actions, that AREVA has initiated.

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 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 or your staff has any questions regarding this matter, we will be pleased to discuss them with you. Please contact Mr. Thomas Kendzia at (301) 415-8155 or via electronic mail at Thomas.Kendzia@nrc.gov, if you have any questions or need assistance regarding this matter.

Sincerely,

Kerri Kavanagh, Chief **/RA/**
Quality Assurance Vendor Inspection Branch
Division of Construction Inspection
and Operational Programs
Office of New Reactors

Docket No. 05200020

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Sincerely,

Kerri Kavanagh, Chief **/RA/**
Quality Assurance Vendor Inspection Branch
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