



February 08, 2013  
NRC:13:008

U.S. Nuclear Regulatory Commission  
Document Control Desk  
11555 Rockville Pike  
Rockville, MD 20852

**Closure Plan for the U.S. EPR™ Open Item on Blast Effect Methodology (RAI 354, Question 03.06.02-35)**

AREVA NP Inc. (AREVA NP) met with the NRC publically on January 29, 2013 to discuss the AREVA NP blast effects methodology and approach for RAI 354, Question 03.06.02-35. During this meeting, AREVA NP provided the timeline for closure of the NRC open item related to RAI 354, Question 03.06.02-35.

Enclosed with this letter is an Open Item Closure Plan that is based on the presentation given and the resulting NRC feedback received during the meeting. The plan provides a resolution path to closure, NRC and AREVA NP interaction opportunities, and a schedule for submitting the final response.

If you have any questions related to this submittal, please contact Mr. Len Gucwa by telephone at 434-832-3466, or by e-mail to [Len.Gucwa.ext@areva.com](mailto:Len.Gucwa.ext@areva.com).

Sincerely,

A handwritten signature in black ink, appearing to read 'Pedro Salas', written over a large, circular scribble.

Pedro Salas, Director  
Regulatory Affairs  
AREVA NP Inc.

Enclosure

cc: A. M. Snyder  
Docket 52-020

## **Closure Plan for the U.S. EPR™ Open Item on Blast Effect Methodology (RAI 354, Question 03.06.02-35)**

### **1 Introduction**

During the January 29, 2013 public meeting, AREVA NP provided the blast effect methodology and approach for RAI 354, Question 03.06.02-35. During this meeting, AREVA NP provided the timeline for closure of the NRC open item related to RAI 354, Question 03.06.02-35 to support completion of the NRC Phase 4 review milestone. This plan documents the details of the AREVA NP Closure Plan for the U.S. EPR™ open item related to blast effects and provides a resolution approach for closure, interaction opportunities for NRC Staff to provide feedback during the closure process, and the schedule for providing the final response for the open item.

The following provides the planned response for the blast effect open item RAI.

### **2 Planned Response Approach for RAI Question**

#### **2.1 RAI 354, Question 03.06.02-35 – Blast Wave Effects in the U.S. EPR™ Design**

- Submit revised interim response to RAI 354, Question 03.06.02-35 to the NRC to reflect blast effect methodology, including markups to ANP-10318P, "Pipe Rupture External Loading Effects on U.S. EPR™ Essential Structures, Systems, and Components Technical Report."
- Submit advanced copy of final response of RAI 354, Question 03.06.02-35 to the NRC (including markups to ANP-10318P).
- Submit final response of RAI 354, Question 03.06.02-35 to the NRC (including formal revision to ANP-10318P).

### **3 Interaction Opportunities**

AREVA NP proposes the following interaction opportunities with NRC Staff to facilitate closure of these issues.

- Follow-up public meeting/telecom to address NRC comments, if any, on the revised interim response. AREVA NP proposes this public meeting/telecom be held in mid to late April 2013.

### **4 Information Submittal Dates**

The schedule for the response to the open item question is provided in Table A-1.

**Table A-1: Open Item Related to Blast Effect Methodology**

<b>RAI</b>	<b>Question No.</b>	<b>Topic/Subject</b>	<b>Revised Interim Response to NRC</b>	<b>Advanced Copy of Final Response to NRC</b>	<b>Final Response to NRC</b>
354	03.06.02-35	Blast Effects	3/31/13	6/11/13	7/30/13