

U.S. EPR Instrumentation and Controls
Discussion on Specific NRC Requests for Additional Information

Purpose

The NRC staff is currently developing the safety evaluation report for Chapter 7 of the U.S. EPR Design Certification Final Safety Analysis Report. Currently, there are approximately 50 open issues that are described in supplemental requests for additional information (RAIs). AREVA NP responded to several of the RAIs, but complete response of the RAIs is not expected until March 2010. To support development of the safety evaluation report, and to inform the staff's conclusions, the staff is requesting AREVA NP to describe their technical position for the more critical RAIs. Specifically, AREVA NP is requested to note their position, method, content, and date of response for the below RAIs. The staff prioritized the RAIs based on the criticality of the information to formulate staff conclusions.

High Priority

| <u>RAI</u> | <u>Question</u> | <u>AREVA Response Commitment</u> |
|------------|-----------------|---|
| 303 | 7.03-28 | 3/5/2010 |
| 286 | 7.09-46 | 1/22/2010 (Big RAI, multiple questions) |
| 309 | 7.09-59 | 1/29/2010 |

Medium Priority

| <u>RAI</u> | <u>Question</u> | <u>AREVA Response Commitment</u> |
|------------|-----------------|---|
| 56 | 7.01-15 | 1/22/2010 |
| 56 | 7.01-16 | 1/22/2010 |
| 56 | 7.01-17 | 1/22/2010 |
| 321 | 7.01-18 | 1/29/2010 |
| 321 | 7.01-19 | 1/29/2010 |
| 321 | 7.01-20 | 1/29/2010 |
| 285 | 7.03-21 | 1/22/2010 |
| 285 | 7.03-25 | 2/26/2010 |
| 285 | 7.03-26 | 1/22/2010 |
| 285 | 7.03-27 | 1/22/2010 |
| 303 | 7.03-29 | 3/5/2010 |
| 285 | 7.04-11 | 1/22/2010 |
| 285 | 7.04-13 | 1/22/2010 |
| 285 | 7.05-9 | 12/18/2009 (received) |
| 286 | 7.08-9 | 1/22/2010 |
| 286 | 7.09-49 | 1/22/2010 |
| 286 | 7.09-52 | 1/22/2010 |
| 286 | 7.09-57 | 12/18/2009 (received) - Discussion required |
| 309 | 7.09-60 | 1/29/2010 |

| RAI number | ADAMS Accession Number |
|-------------------|-------------------------------|
| 56 | ML082790034 |
| 285 | ML092861087 |
| 286 | ML092870818 |
| 303 | ML092790588 |
| 309 | ML092940799 |
| 321 | ML093020748 |