



May 4, 2013  
NRC:13:020

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

**Submittal of ANP-10329, "U.S. EPR Mitigation Strategies for Extended Loss of AC Power Event Technical Report"**

Ref. 1: E-mail, Amy Snyder (NRC) to Dennis Williford, et al. (AREVA NP Inc.), "U.S. EPR Design Certification Application RAI No. 563 (6890), FSAR Ch. 19 - NEW PHASE 4 RAI - Fukushima," November 30, 2012.

In Reference 1, the NRC provided a request for additional information (RAI) regarding the U.S. EPR Design Certification application (i.e., RAI No. 563) as it relates to implementation of the Fukushima Near-Term Task Force Recommendations, as presented in SECY-12-0025, "Proposed Orders and Requests for Information in Response to Lessons Learned from Japan's March 11, 2011, Great Tohoku Earthquake and Tsunami," dated February 12, 2012. This request for additional information specifically addresses Recommendation 4.2 on Mitigating Strategies.

Enclosed with this letter is the document ANP-10329, "U.S. EPR Mitigation Strategies for Extended Loss of AC Power Event Technical Report," containing detailed information in support of AREVA NP Inc.'s (AREVA NP) response to this request.

AREVA NP has incorporated this report by reference in the U.S. EPR Final Safety Analysis Report (FSAR). The conforming changes to the U.S. EPR FSAR will be included with AREVA NP's response to Reference 1. AREVA NP requests that the NRC incorporate the review of this report into the assessment of the safety evaluation report for the U.S. EPR FSAR in a manner consistent with other reports which are incorporated by reference in the U.S. EPR FSAR.

There are no new commitments contained within this correspondence.

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

Sincerely,

A handwritten signature in black ink, appearing to read 'Pedro Salas', is written over the typed name.

Pedro Salas, Director  
Regulatory Affairs  
AREVA NP Inc.

**AREVA NP INC.**

DOTT  
MRO

Enclosures:

1. ANP-10329, "U.S. EPR Mitigation Strategies for Extended Loss of AC Power Event Technical Report"

cc: A. M. Snyder  
Docket 52-020