



May 25, 2011  
NRC:11:049

Document Control Desk  
U.S. Nuclear Regulatory Commission  
Washington, D.C. 20555-0001

**ANP-10304, "U.S. EPR Diversity and Defense-in-Depth Assessment Technical Report",  
Revision 3**

Ref. 1: Letter, Sandra M. Sloan (AREVA NP Inc.) to Document Control Desk (NRC),  
"Submittal of Revision 2 to ANP-10304, U.S. EPR Diversity and Defense-in-Depth  
Assessment Technical Report " NRC:11:026, March 21, 2011.

Proposed changes to the instrumentation and controls (I&C) architecture were communicated by AREVA NP Inc. (AREVA NP) to the NRC staff in a public meeting on February 15, 2011. A revision to the U.S. EPR Diversity and Defense-in-Depth Assessment Technical Report was provided in Reference 1 to incorporate the revised I&C architecture. Additional NRC Staff feedback since that submittal has been incorporated into a revised report "U.S. EPR Diversity and Defense-in-Depth Assessment Technical Report" (ANP-10304), Revision 3, enclosed with this letter.

AREVA NP has incorporated this revised report by reference in the U.S. EPR Final Safety Analysis Report (FSAR). AREVA NP requests that the NRC incorporate the review of this revised report as part of the NRC staff's 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.

Also enclosed is a copy of the revised report showing a mark-up of the changes to facilitate the NRC review.

Should you have any questions regarding this matter, please contact me by telephone at 434-832-2369, or by email at [sandra.sloan@areva.com](mailto:sandra.sloan@areva.com).

Sincerely,

A handwritten signature in cursive script that reads "Sandra M. Sloan".

Sandra M. Sloan  
Regulatory Affairs Manager, New Plants  
AREVA NP Inc.

Enclosure

cc: G. Tesfaye  
Docket No. 52-020

**AREVA INC.**  
3315 Old Forest Road, P.O. Box 10935, Lynchburg, VA 24506-0935  
Tel.: 434 832 3000 [www.aveva.com](http://www.aveva.com)

Handwritten initials in a stylized, blocky font that reads "DOTT HRO".