

December 29, 2014

MEMORANDUM TO: Edwin M. Hackett, Executive Director
Advisory Committee on Reactor Safeguards

FROM: Frank Akstulewicz, Director */RA/ JSegala for*
Division of New Reactor Licensing
Office of New Reactors

SUBJECT: U.S. EPR DESIGN CERTIFICATION APPLICATION – UPDATED
ADVANCED SAFETY EVALUATION WITH NO OPEN ITEMS FOR
U.S. EPR FINAL SAFETY ANALYSIS REPORT CHAPTER 5,
“REACTOR COOLING SYSTEM AND CONNECTED SYSTEMS”

By memorandum dated September 30, 2014 (Agencywide Documents Access and Management System (ADAMS) Accession No. ML14050A450, the U.S. Nuclear Regulatory Commission (NRC) staff provided the Advanced Safety Evaluation (ASE), with no open items (OIs) for Chapter 5, “Reactor Cooling System and Connected Systems,” (ADAMS Accession No. ML101100415) of the U.S. EPR Final Safety Analysis Report (FSAR). The NRC staff withheld the ASE from public disclosure to allow AREVA the opportunity to verify the NRC staff’s conclusion that the ASE did not contain any information exempt from public disclosure. AREVA reviewed the ASE and verified the NRC staff’s conclusion.

Enclosed please find the publically available ASE with no OIs (ADAMS Accession No. ML14322A459) for U.S. EPR FSAR Chapter 5, which was updated to be consistent with Revision 7 of the application and supersedes the previous ASE version. This ASE is being provided to support a meeting of the subcommittee of the Advisory Committee on Reactor Safeguards (ACRS) in February 2015.

E. Hackett

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Should you have any questions, please contact Mr. Peter Hearn, the Project Manager at (301) 415-1189, Peter.Hearn@nrc.gov or Mr. George Wunder, the Lead Project Manager for the U.S. EPR design certification application at (301) 415-1494, George.Wunder@nrc.gov.

Docket No.: 52-020

Should you have any questions, please contact Mr. Peter Hearn, the Project Manager at (301) 415-1189, Peter.Hearn@nrc.gov or Mr. George Wunder, the Lead Project Manager for the U.S. EPR design certification application at (301) 415-1494, George.Wunder@nrc.gov.

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ADAMS Accession Numbers:

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MEMO: ML14343A974

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Concurrence Sheet: ML14343A985

***via email**

NRO-002

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DATE	12/11/2014	12/11/2014	12/23/2014	12/23/2014	12/29/2014

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