

February 9, 2012

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

FROM: David B. Matthews, Director
Division of New Reactor Licensing /RA/
Office of New Reactors

SUBJECT: U.S. EPR DESIGN CERTIFICATION APPLICATION – SAFETY
EVALUATION REPORT FOR CHAPTER 1, “INTRODUCTION AND
GENERAL DESCRIPTION OF THE PLANT”

By letter dated December 11, 2007, AREVA NP Inc., (AREVA) submitted an application to the U.S. Nuclear Regulatory Commission (NRC) for a standard design certification (DC) application for the U.S. EPR.

Based on our review of the application, the staff is providing the Advisory Committee on Reactor Safeguards (ACRS) its Safety Evaluation (SE) for Chapter 1, “Introduction and General Description of the Plant” (Agencywide Documents Access and Management System (ADAMS) Accession No. ML090710192). Unless otherwise stated in the SE, the staff’s review was based on Revision 3 of the application and AREVA’s responses to Requests for Additional Information (RAIs). The SE with Open Items is being provided to support a meeting of the subcommittee of the ACRS scheduled to be held on February 21-23, 2012. The ACRS full committee meeting will be held at a later date.

In accordance with Michael R. Johnson’s memorandum to the ACRS dated March 17, 2010, (ADAMS Accession No. ML100700612) the staff has reviewed our submitted information against the categories for which the ACRS requested be used to highlight information for review by the Committee. The staff’s assessment of this chapter is that there are no items that meet the categories for discussion with the committee.

CONTACT: Getachew Tesfaye, DNRL/LB1
301-415-3361

The staff concludes that the referenced SE does not contain any information exempt from public disclosure. However, the NRC will withhold the referenced SE from public disclosure for ten working days to allow AREVA the opportunity to verify the staff's conclusion that the SE contains no such exempt information. Therefore, the staff requests that the ACRS withhold the attached information from public disclosure until the information has been released publicly in ADAMS.

The staff will inform the ACRS immediately if AREVA requests that any of the information in the SE be withheld from public disclosure.

Docket No.: 52-020

The staff concludes that the referenced SE does not contain any information exempt from public disclosure. However, the NRC will withhold the referenced SE from public disclosure for ten working days to allow AREVA the opportunity to verify the staff's conclusion that the SE contains no such exempt information. Therefore, the staff requests that the ACRS withhold the attached information from public disclosure until the information has been released publicly in ADAMS.

The staff will inform the ACRS immediately if AREVA requests that any of the information in the SE be withheld from public disclosure.

Docket No.: 52-020

DISTRIBUTION:

PUBLIC

DMatthews, NRO

JMcLellan, NRO

JSegala, NRO

JWachutka, OGC

GTesfaye, NRO

RidsNroDnrl

RidsNrrOd

RidsNroDnrlLb1

ADAMS Accession No.:

PKG: ML120380075

MEMO: ML120380085

LETTER: ML120380105

SER: ML090710192

NRO-002

OFFICE	DNRL/LB1: PM	DNRL/LB1: LA	DNRL/LB1: BC	DNRL: D
NAME	GTesfaye	JMcLellan	JSegala	DMatthews (Frank Akstulewicz, for)
DATE	02/08/12	02/08/12	02/08/12	02/09/12

OFFICIAL RECORD COPY