

October 29, 2010

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

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

SUBJECT: CALVERT CLIFFS NUCLEAR POWER PLANT, UNIT 3 COMBINED
LICENSE APPLICATION - SAFETY EVALUATION WITH OPEN
ITEMS FOR PORTIONS OF CHAPTER 2, "SITE
CHARACTERISTICS"

By letter dated July 13, 2007, Calvert Cliffs 3 Nuclear Project and UniStar Nuclear Operating Services, LLC (UniStar) submitted an application to the U.S. Nuclear Regulatory Commission (NRC) for a combined license (COL) application for Calvert Cliffs Nuclear Power Plant (CCNPP), Unit 3.

Based on our review of the application, the staff is providing the Advisory Committee on Reactor Safeguards (ACRS) its Safety Evaluation (SE), with Open Items for Chapter 2, "Site Characteristics" (ML090900261), with the exception of Section 2.4, "Hydrologic Engineering," and Section 2.5, "Geology, Seismology, and Geotechnical Engineering." Unless otherwise stated in the SE, the staff's review was based on Revision 6 of the application. The SE is being provided to support a meeting of the subcommittee of the ACRS. The ACRS Full Committee meeting will be held after the subcommittee meeting.

For this portion of Chapter 2, the staff plans on focusing their presentation on the following specific categories of interest:

- Site-specific information applied to Chapter 2 analysis on the site area geography, demography, and meteorology
- Locations and routes of nearby industrial, transportation, and military facilities described in Chapter 2 relative to the potential hazards to safe operation of the reactor.

CONTACT: James Steckel, DNRL/NARP
301-415-1026

The staff concludes that the SE does not contain any information exempt from public disclosure. However, the NRC will withhold the SE from public disclosure for ten business days to allow Calvert Cliffs Nuclear Power Plant, Unit 3 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 referenced SE from public disclosure until the information has been released publicly in ADAMS.

The staff will inform the ACRS immediately if Calvert Cliffs Nuclear Power Plant, Unit 3 request that any of the information in the attached document be withheld from public disclosure.

Docket No. 52-016

The staff concludes that the SE does not contain any information exempt from public disclosure. However, the NRC will withhold the SE from public disclosure for ten business days to allow Calvert Cliffs Nuclear Power Plant, Unit 3 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 referenced SE from public disclosure until the information has been released publicly in ADAMS.

The staff will inform the ACRS immediately if Calvert Cliffs Nuclear Power Plant, Unit 3 request that any of the information in the attached document be withheld from public disclosure.

Docket No. 52-016

DISTRIBUTION:

PUBLIC

Director, DNRL

JColaccino, DNRL/NARP

JMcLellan, DNRL/NARP

JSteckel, DNRL/NARP

SArora, DNRL/NARP

RidsNrrOd

RidsNroDnrINarp

RidsNroDnrI

ADAMS Accession Numbers:

PKG: ML102600407

MEMO: ML102600408

SER: ML090900170

NRO-002

OFFICE	DNRL/NARP:PM	DNRL/NARP:LA	DNRL/NARP:TL	DNRL/NARP:BC	DNRL:D
NAME	JSteckel	JMcLellan	SArora (James Steckel for)	JColacinno	DMatthews (Frank Akstulewicz for)
DATE	10/28/10	10 /28/10	10/28/10	10/29/10	10/29/10

OFFICIAL RECORD COPY