January 20, 2010

Mr. George Vanderheyden
President and CEO
UniStar Nuclear Energy, LLC
750 E. Pratt Street
Baltimore, MD 21202-3106

SUBJECT: CALVERT CLIFFS NUCLEAR POWER PLANT, UNIT 3 COMBINED LICENSE APPLICATION - SAFETY EVALUATION REPORT WITH OPEN ITEMS FOR CHAPTER 8, "ELECTRIC POWER"

Dear Mr. Vanderheyden:

By letter dated July 13, 2007, as supplemented by letters dated August 2, 2007, and December 14, 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) for Calvert Cliffs Nuclear Power Plant (CCNPP), Unit 3, pursuant to Title 10 of the *Code of Federal Regulations* (10 CFR) Part 52, "Licenses, Certifications, and Approvals for Nuclear Power Plants." Subsequent to the original application, Calvert Cliffs 3 Nuclear Project and UniStar submitted Revisions 2 through 6 of the CCNPP, Unit 3 Final Safety Analysis report (FSAR) by letters dated March 14, 2008 (Agencywide Documents Access and Management System [ADAMS] ML080780459), August 20, 2008 (ML082390786), March 9, 2009 (ML090850421), and September 30, 2009 (ML092880200).

Based on our review of the application, the staff prepared the enclosed Safety Evaluation Report (SER), ADAMS ML090900212, with no Open Items for Chapter 8, "Electric Power." Unless otherwise stated in the SER with Open Items, the staff's review was based on Revision 6 of the application. The SER is being provided to support the upcoming meeting of the subcommittee of the Advisory Committee on Reactor Safeguards (ACRS) scheduled to be held in February 2010. The ACRS Full Committee meeting will be held at a later date. Issuance of this SER is an important milestone in the staff's review to determine whether the CCNPP Unit 3 COL application meets the Commission's regulations.

The staff concludes that the enclosed SER does not contain any information for which exemption from public disclosure has been sought or approved. However, the NRC will withhold the enclosed SER from public disclosure for ten calendar days from the date of this letter to allow the opportunity to verify the staff's conclusion that the SER contains no such exempt information. If within that time, you do not request that all or portions of the SER be withheld from public disclosure in accordance with 10 CFR 2.390, "Public Inspections, Exemptions, Requests for Withholding," the enclosure will be made available for public

inspection through the NRC Public Document Room and the Publicly Available Records component of ADAMS. ADAMS is accessible from the Public Electronic Reading Room section of the NRC Web site at http://www.nrc.gov/reading-rm/adams.html.

If you have any questions or comments concerning this matter, I can be reached at 301-415-1421 or via e-mail address at surinder.arora@nrc.gov.

Sincerely,

/RA/

Surinder Arora, Project Manager
EPR Projects Branch
Division of New Reactor Licensing
Office of New Reactors

Docket No. 52-016

Enclosure:
As stated

cc: See next page

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ADAMS Accession Numbers:
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MEMO: ML093641016
SER: ML090900212

NRO-002

OFFICE	DNRL/NARP:PM	DNRL/NARP:LA	DNRL/NARP:PM
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