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10 CFR 50.4
10 CFR 52.79

January 14, 2010

UN#11-008

ATTN: Document Control Desk
U.S. Nuclear Regulatory Commission
Washington, DC 20555-0001

Subject: UniStar Nuclear Energy, NRC Docket No. 52-016
Supplemental Information for Calvert Cliffs Nuclear Power Plant, Unit 3
Combined License Application

Reference: Greg Gibson (UniStar Nuclear Energy) to Document Control Desk, "Submittal of Revision 7 to the Combined license Application for the Calvert Cliffs Nuclear Power Plant, Unit 3, and Application for Withholding of Documents," dated December 20, 2010

The purpose of this letter is to provide supplemental information that was not included in the Final Safety Analysis Report (FSAR), as submitted in Part 2 of the Calvert Cliffs Nuclear Power Plant (CCNPP) Unit 3 Combined License Application (COLA), Revision 7 (Reference). The supplemental information addresses Diesel Generator Fuel Oil Storage and Transfer, and Beyond Design Basis Large Commercial Aircraft Impact Assessment, as discussed in Sections 9.5.4.4 and 19.2.7 of the FSAR, respectively.

This supplemental information is provided as COLA page markups in Enclosures 1 and 2. A Licensing Basis Document Change Request has been initiated to incorporate these changes into a future revision of the COLA.

This letter does not include any new regulatory commitments. This letter does not contain any sensitive or proprietary information.

DOG
NRC

If there are any questions regarding this transmittal, please contact me at (410) 470-4205, or Mr. Wayne A. Massie at (410) 470-5503.

I declare under penalty of perjury that the foregoing is true and correct.

Executed on January 14, 2010

A handwritten signature in black ink, appearing to read 'Greg Gibson', with a long horizontal line extending to the right.

Greg Gibson

- Enclosures:
- 1) COLA Page Markup for FSAR Section 9.5.4.4, Calvert Cliffs Nuclear Power Plant, Unit 3
 - 2) COLA Page Markup for FSAR Section 19.2.7, Calvert Cliffs Nuclear Power Plant, Unit 3

cc: Surinder Arora, NRC Project Manager, U.S. EPR Projects Branch
Laura Quinn, NRC Environmental Project Manager, U.S. EPR COL Application
Getachew Tesfaye, NRC Project Manager, U.S. EPR DC Application (w/o enclosure)
Loren Plisco, Deputy Regional Administrator, NRC Region II (w/o enclosure)
Silas Kennedy, U.S. NRC Resident Inspector, CCNPP, Units 1 and 2
U.S. NRC Region I Office

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Enclosure 1

**COLA Page Markup for FSAR Section 9.5.4.4
Calvert Cliffs Nuclear Power Plant, Unit 3**

9.5.4 Diesel Generator Fuel Oil Storage and Transfer System

9.5.4.1 Design Basis

No departures or supplements.

9.5.4.2 System Description

No departures or supplements.

9.5.4.3 System Operation

No departures or supplements.

9.5.4.4 Safety Evaluation

The U.S. EPR includes the following COL item in Section 9.5.4.4:

A COL applicant that references the U.S. EPR design certification will describe the site-specific sources of acceptable fuel oil available for refilling the EDG fuel oil storage tanks within seven days, including the means of transporting and refilling the fuel storage tanks, following a design basis event to enable each diesel generator system to supply uninterrupted emergency power.

This COL item is addressed as follows:

{Calvert Cliffs 3 Nuclear Project, LLC and UniStar Nuclear Operating Services, LLC have multiple sources of fuel oil that may be brought in by truck, barge, or air. Relationships or points of contact with the entities which are the sources of the fuel oil and the means for its transportation are well established. Multiple sources and means of transportation allow for the flexibility necessary in order to best respond to an event, and provides assurance of the ability to deliver fuel oil to the site.}

9.5.4.5 Inspection and Testing Requirements

No departures or supplements.

9.5.4.6 Instrumentation Requirements

No departures or supplements.

9.5.4.7 References

No departures or supplements.

Enclosure 2

**COLA Page Markup for FSAR Section 19.2.7
Calvert Cliffs Nuclear Power Plant, Unit 3**

19.2 SEVERE ACCIDENT EVALUATIONS

This section of the U.S. EPR FSAR is incorporated by reference with the following supplements.

19.2.1 Introduction

No departures or supplements.

19.2.2 Severe Accident Prevention

No departures or supplements.

19.2.3 Severe Accident Mitigation

No departures or supplements.

19.2.4 Containment Performance Capability

No departures or supplements.

19.2.5 Accident Management

The U.S. EPR FSAR includes the following COL Item in Section 19.2.5:

A COL applicant that references the U.S. EPR design certification will develop and implement severe accident management guidelines prior to fuel loading using the Operating Strategies for Severe Accidents (OSSA) methodology described in U.S. EPR FSAR Section 19.2.5.

This COL Item is addressed as follows:

{Calvert Cliffs 3 Nuclear Project, LLC and UniStar Nuclear Operating Services, LLC} will develop and implement severe accident management guidelines prior to fuel loading using the Operating Strategies for Severe Accidents (OSSA) methodology described in U.S. EPR FSAR Section 19.2.5.

19.2.6 Consideration of Potential Design Improvements under 10 CFR 50.34(f)

No departures or supplements.

19.2.7 Beyond Design Basis Large Commercial Aircraft Impact Assessment

No departures or supplements.

19.2.8 19.2.7 **References**

No departures or supplements.