

Greg Gibson
Vice President, Regulatory Affairs

750 East Pratt Street, Suite 1600
Baltimore, Maryland 21202



10 CFR 50.4
10 CFR 52.79

May 19, 2010

UN#10-133

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

Subject: UniStar Nuclear Energy, NRC Docket No. 52-016
Response to Request for Additional Information for the
Calvert Cliffs Nuclear Power Plant, Unit 3,
RAI 237, Emergency Planning

Reference: Surinder Arora (NRC) to Robert Poche (UniStar Nuclear Energy), "FINAL
RAI 237 NSIR 4580" email dated May 5, 2010

The purpose of this letter is to respond to the request for additional information (RAI) identified in the NRC e-mail correspondence to UniStar Nuclear Energy, dated May 5, 2010 (Reference). This RAI addresses Emergency Planning, as submitted in Part 5 of the Calvert Cliffs Nuclear Power Plant (CCNPP) Unit 3 Combined License Application (COLA), Revision 6.

Enclosure 1 provides our response to RAI 237, Question 13.03-39, and includes revised COLA content. A Licensing Basis Document Change Request has been initiated to incorporate these changes into a future revision of the COLA.

Enclosure 2 provides copies of the state and local government letters certifying their agreement with the initial CCNPP Unit 3 emergency action levels.

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

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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 May 19, 2010


Christian Cleveland
for Greg Gibson

- Enclosures: 1) Response to NRC Request for Additional Information RAI 237, Question 13.03-39, Emergency Planning, Calvert Cliffs Nuclear Power Plant, Unit 3
- 2) CCNPP Unit 3 State/Local Government Agreement Documentation

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 enclosures)
Loren Plisco, Deputy Regional Administrator, NRC Region II (w/o enclosures)
Silas Kennedy, U.S. NRC Resident Inspector, CCNPP, Units 1 and 2
U.S. NRC Region I Office

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Enclosure 1

**Response to NRC Request for Additional Information
RAI 237, Question 13.03-39, Emergency Planning,
Calvert Cliffs Nuclear Power Plant, Unit 3**

RAI No. 237

Question 13.03-39

Subject: Emergency Plan Certification by State and Local Governments

[Basis: 10 CFR 52.79(a)(22), 10 CFR 50.47(b)(4), Section IV.B of Appendix E to 10 CFR Part 50]

SRP Acceptance Criteria: 1, 18

Section IV.B of Appendix E to 10 CFR Part 50 requires that the initial emergency action levels (EALs) shall be discussed and agreed on by the applicant and state and local governmental authorities. Either provide letters of certification from State and local governments within the Emergency Planning Zone certifying that the proposed set of EALs for CCNPP Unit 3 have been discussed with and agreed to by those governments, or propose a license condition that the EALs will have been discussed and agreed to by those governments prior to the first exercise and no later than 180 days prior to fuel load.

Response

Consistent with the requirements of 10CFR50, Appendix E, the Emergency Action Levels were discussed with the appropriate offsite agencies on November 29, 2007. The letter of certification from the offsite agencies documenting this discussion was included in the initial submittal of the Calvert Cliffs Nuclear Power Plant (CCNPP) Unit 3 COLA Part 5, Enclosure D.

In response to RAI 81¹, UniStar Nuclear Energy removed Enclosures A, B and C from the application. Enclosure D was inadvertently removed in the submittal of COLA Revision 5. A copy of the letter of certification (provided in Enclosure 2 to this letter) is being added to COLA Part 5 as Enclosure A.

COLA Impact

COLA Part 5 EAL Enclosures is being replaced in its entirety with the new Enclosure A, containing a copy of the letter of certification (provided in Enclosure 2 to this letter).

¹ G. Gibson (UniStar Nuclear Energy) to Document Control Desk (U.S. NRC) Letter UN#09-163, Response to RAI 81, Emergency Planning, April 14, 2009.

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Enclosure 2

CCNPP Unit 3 State/Local Government Agreement Documentation

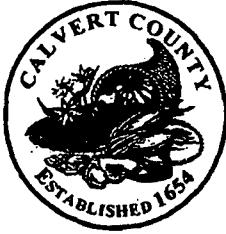
Enclosure A

{Calvert Cliffs Nuclear Power Plant

Unit 3}

State/Local Government

Agreement Documentation



**CALVERT COUNTY
DEPARTMENT OF PUBLIC SAFETY
EMERGENCY MANAGEMENT DIVISION**

175 Main Street
Courthouse
Prince Frederick, Maryland 20678
Phone: 410-535-1600, Ext. 2302 • 301-855-1243
FAX: 410-535-3997

Department Director
Robert C. Brady

Director
J.R. Fenwick

Board of Commissioners
Gerald W. Clark
Linda L. Kelley
Wilson H. Parran
Susan Shaw
Barbara A. Stinnett

December 27, 2007

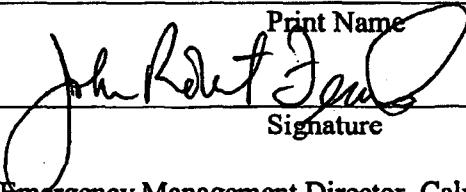
Mr. Richard R. Woods
Emergency Preparedness
Calvert Cliffs Nuclear Power Plant
1650 Calvert Cliffs Parkway
Lusby, MD 20657-4702

Mr. Woods,

The Calvert County Emergency Management Agency agrees with the proposed emergency classification system, initiating conditions, and emergency action levels (EAL's) presented at the meeting on November 29, 2007.

It is my understanding that the specific EAL's in support of emergency preparedness for operation of the proposed new nuclear unit will be clearly established and discussed with Calvert County Emergency Management if and when UniStar Nuclear proceeds with construction and operation of the new unit.

John Robert Fenwick

Print Name


Signature

Emergency Management Director, Calvert County

Title

December 20, 2007

Date

cc:

Mr. David D. Zylak, St. Mary's County Public Safety
Mr. Wayne Robinson, Dorchester County Emergency Management
Mr. John Droneburg, Maryland Emergency Management Agency

Mailing Address: 175 Main Street, Prince Frederick, Maryland 20678

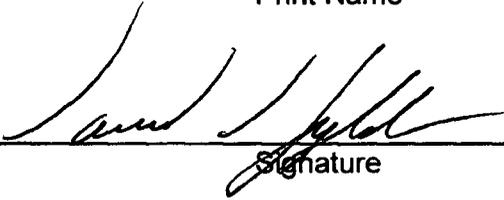
Maryland Relay for Impaired Hearing or Speech 1-800-735-2258

The St. Mary's County Emergency Management Agency agrees with the proposed emergency classification system, initiating conditions, and emergency action levels presented on November 29, 2007.

It is my understanding that the specific EALs in support of emergency preparedness for operation of the proposed new nuclear unit will be clearly established and discussed with St. Mary's County EMA if and when UniStar Nuclear proceeds with construction and operation of the new unit.

David D. Zylak

Print Name



Signature

12/21/07

Date

Director

Title

cc:

Mr. J. Robert Fenwick
Director of Calvert County Emergency Management
Court House
175 Main Street
Prince Frederick, MD 20678

Mr. Wayne Robinson
Director, Dorchester County Emergency Management
829 Fieldcrest Road
Cambridge, MD 21613

Mr. John Droneburg
MEMA
5401 Rue Saint Lo Drive
Reisterstown, MD 21136

The Dorchester County Emergency Management Agency agrees with the proposed emergency classification system, initiating conditions, and emergency action levels presented on November 29, 2007.

It is my understanding that the specific EALs in support of emergency preparedness for operation of the proposed new nuclear unit will be clearly established and discussed with Dorchester County EMA if and when UniStar Nuclear proceeds with construction and operation of the new unit.

Wayne Robinson
Print Name

Wayne Robinson
Signature

2-19-08
Date

Director of Emergency Management
Title

cc:

Mr. J. Robert Fenwick
Director of Calvert County Emergency Management
Court House
175 Main Street
Prince Frederick, MD 20678

Mr. David D. Zylak
Director, St. Mary's County Public Safety
23090 Leonard Hall Drive
Leonardtown, MD 20650

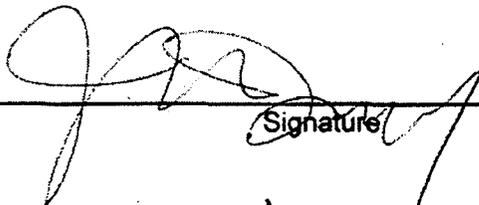
Mr. John Droneburg
MEMA
5401 Rue Saint Lo Drive
Reisterstown, MD 21136

The Maryland Emergency Management Agency (MEMA) agrees with the proposed emergency classification system, initiating conditions, and emergency action levels presented on November 29, 2007.

It is my understanding that the specific EALs in support of emergency preparedness for operation of the proposed new nuclear unit will be clearly established and discussed with MEMA if and when UniStar Nuclear proceeds with construction and operation of the new unit.

John Droneburg

Print Name



Signature

12/6/07

Date

Director

Title

cc:

Mr. J. Robert Fenwick
Director of Calvert County Emergency Management
Court House
175 Main Street
Prince Frederick, MD 20678

Mr. David D. Zylak
Director, St. Mary's County Public Safety
23090 Leonard Hall Drive
Leonardtown, MD 20650

Mr. Wayne Robinson
Director, Dorchester County Emergency Management
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