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10 CFR 50.4
10 CFR 52.79

October 19, 2009

UN#09-393

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,
Revised Supplemental Response to RAI SE-2

Reference: G. Vanderheyden (UniStar Nuclear Energy) to Document Control Desk
(NRC), "Supplemental Response to Requests for Additional Information for
the Calvert Cliffs Nuclear Power Plant Unit 3 and Request for Withholding of
Documents," letter dated August 18, 2008

The purpose of this letter is to revise the supplemental response to Item Number SE-2 as provided in the referenced UniStar Nuclear Energy correspondence to the NRC. The revised request for additional information (RAI) response addresses information discussed in Section 2.5 of the Environmental Report (ER), as submitted in Part 3 of the Calvert Cliffs Nuclear Power Plant (CCNPP) Unit 3 Combined License Application (COLA), Revision 5.

The revised response corrects transposition errors identified during the update to Figure 2.1-14 of the Final Safety Analysis Report (FSAR) in Part 2 of the COLA.

The enclosure provides the revised supplemental response to Item Number SE-2, 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. Our revised response to Item Number SE-2 does not include any new regulatory commitments.

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If there are any questions regarding this transmittal, please contact me at (410) 470-4205, or Mr. Dimitri Lutchenkov at (410) 470-5524.

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

Executed on October 19, 2009

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

Greg Gibson

Enclosure: Revised Supplemental Response to NRC Request for Additional Information Item Number SE-2, RAIs for Calvert Cliffs Environmental Report, 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

GTG/SFW/mdf

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Enclosure

**Revised Supplemental Response to NRC Request for Additional Information
Item Number SE-2, RAIs for Calvert Cliffs Environmental Report,
Calvert Cliffs Nuclear Power Plant, Unit 3**

Item Number SE-2

ER Section 2.5.1

Request:

Clarify how the exponential growth rate for each county was determined, covering the 0-50 miles from the center of the site. Identify the number of years of population data considered in growth rate determination.

Revised Response:

The values originally presented in the column for the Year 2060 and rows for the 2-3 mi (3-5 km) radius of Table 2.5-10 of the response were erroneous. The correct values are shown in Table 1.

Table 1

Sector	Population	
	Radius	2060
N	2-3 mi (3-5 km)	0
NNE		0
NE		0
ENE		0
E		0
ESE		0
SE		0
SSE		58
S		49
SSW		364
SW		0
WSW		1,077
W		510
WNW		104
NW		1,771
NNW		0
Total		3,933

COLA Impact:

Environmental Report (ER) Table 2.5-10 will be revised as follows in a future version of the COLA. For clarity, only the corrected column is shown.

Table 2.5-10—Population Projections by Sector and Distance from the CCNPP Site from 2000 to 2080 (Page 2 of 7)

Sector	Population	
	Radius	2060
N	2-3 mi (3-5 km)	0
NNE		0
NE		0
ENE		0
E		0
ESE		0
SE		0
SSE		0 58
S		118 49
SSW		76 364
SW		581 0
WSW		1,508 1,077
W		764 510
WNW		97 104
NW		1,764 1,771
NNW		0
Total		3,902 3,933
N	3-4 mi (5-6 km)	0
NNE		0
NE		0
ENE		0
E		0
ESE		0
SE		0
SSE		774
S		333
SSW		252
SW		290
WSW		114
W		308
WNW		150
NW		1,827
NNW		0
Total		4,048

FSAR Figure 2.1-14 {10 mi (16 km) 2060 Population Distribution} will be replaced as follows in a future COLA revision. For clarity, only the replaced figure is shown.

Figure 2.1-14—{10 mi (16 km) 2060 Population Distribution}

