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10 CFR 50.4
10 CFR 52.79

July 28, 2008

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

UN#08-026

Subject: UniStar Nuclear Energy, NRC Docket No. 52-016
Submittal of Response to Requests for Additional Information for the
Calvert Cliffs Nuclear Power Plant, Unit 3 – Meteorology

Reference: John Rycyna (NRC) to J. Price (UniStar), "Calvert Cliffs Unit 3 COLA
RAIs Nos. 1, 2, 3, 4, 5, FSAR Ch 2," dated June 27, 2008

The purpose of this letter is to respond to requests for additional information (RAIs) identified in the NRC e-mail correspondence to UniStar Nuclear, dated June 27, 2008 (Reference). These RAIs address meteorology portions of the Final Safety Analysis Report as submitted in the CCNPP Unit 3 Combined License Application (COLA).

The enclosures provide responses to the RAIs and identify changes that will be made in future revisions of the CCNPP Unit 3 COLA.

If there are any questions regarding this transmittal, please contact Mr. John Price at (410) 470-5531.

DOTA
NRD

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

Executed on July 28, 2008



George Vanderheyden

Enclosures: 1) Response Summary for NRC RAIs
2) Response to RAIs (1 Disk)

cc: U.S. NRC Region I
U.S. NRC Resident Inspector, Calvert Cliffs Nuclear Power Plant, Units 1 and 2
NRC Environmental Project Manager, U.S. EPR Combined License Application
NRC Project Manager, U.S. EPR Combined License Application
NRC Project Manager, U.S. EPR Design Certification Application (w/o enclosures)

Enclosure 1

Response Summary for NRC RAIs

Response Summary for NRC RAIs

RAI Set 1

- 1) 02.03.05-1 Response to be provided by October 31, 2008.
- 2) 02.03.05-2 Response to be provided by October 31, 2008.

RAI Set 2

- 3) 02.03.04-1 This letter – see Enclosure 2.
- 4) 02.03.04-2 Response to be provided by October 31, 2008.
- 5) 02.03.04-3 Response to be provided by October 31, 2008.

RAI Set 3

- 6) 02.03.03-1 This letter – see Enclosure 2. Follow-up response by December 31, 2008.
- 7) 02.03.03-2 This letter – see Enclosure 2.
- 8) 02.03.03-3 This letter – see Enclosure 2.
- 9) 02.03.03-4 This letter – see Enclosure 2.
- 10) 02.03.03-5 This letter – see Enclosure 2.
- 11) 02.03.03-6 This letter – see Enclosure 2.
- 12) 02.03.03-7 This letter – see Enclosure 2.
- 13) 02.03.03-8 This letter – see Enclosure 2.

RAI Set 4

- 14) 02.03.02-1 Response to be provided by October 31, 2008.
- 15) 02.03.02-2 This letter – see Enclosure 2.
- 16) 02.03.02-3 Response to be provided by October 31, 2008.
- 17) 02.03.02-4 This letter – see Enclosure 2.
- 18) 02.03.02-5 This letter – see Enclosure 2.
- 19) 02.03.02-6 This letter – see Enclosure 2.
- 20) 02.03.02-7 Response to be provided by October 31, 2008.
- 21) 02.03.02-8 This letter – see Enclosure 2.
- 22) 02.03.02-9 This letter – see Enclosure 2.
- 23) 02.03.02-10 This letter – see Enclosure 2.

RAI Set 5

- 24) 02.03.01-1 This letter – see Enclosure 2.
- 25) 02.03.01-2 Response to be provided by October 31, 2008.
- 26) 02.03.01-3 This letter – see Enclosure 2.
- 27) 02.03.01-4 This letter – see Enclosure 2.
- 28) 02.03.01-5 Response to be provided by October 31, 2008.
- 29) 02.03.01-6 This letter – see Enclosure 2.
- 30) 02.03.01-7 This letter – see Enclosure 2.
- 31) 02.03.01-8 Partial response this letter – see Enclosure 2. Follow-up response by October 31, 2008.
- 32) 02.03.01-9 Response to be provided by October 31, 2008.
- 33) 02.03.01-10 This letter – see Enclosure 2.
- 34) 02.03.01-11 This letter – see Enclosure 2.

Enclosure 1

Response Summary for NRC RAIs

- 35) 02.03.01-12 Response to be provided by October 31, 2008.
- 36) 02.03.01-13 Response to be provided by October 31, 2008.

Enclosure 2

Response to RAIs (1 Disk)