



10 CFR 50.4

August 16, 2007

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

UN#07-012

Subject: UniStar Nuclear, NRC Project No. 746
Supplemental Submittal of Electronic Meteorological Data

- References:
1. Letter UN#07-008, from R. M. Krich to U.S. Nuclear Regulatory Commission, "UniStar Nuclear, NRC Project No. 746, Submittal of a Partial Combined License Application for the Calvert Cliffs Nuclear Power Plant, Unit 3, Application for Withholding of Documents, and Request for Exemption," dated July 13, 2007
 2. NRC Regulatory Guide 1.206, "Combined License Applications for Nuclear Power Plants (LWR Edition)," dated June 2007
 3. NRC Regulatory Guide 1.23, "Meteorological Monitoring Programs for Nuclear Power Plants," Revision 1, dated March 2007

By letter dated July 13, 2007 (Reference 1), UniStar Nuclear submitted a partial combined license (i.e., COL) application. In accordance with Section C.1.2.3.3, "Onsite Meteorological Measurements Program," of Reference 2, an electronic copy of meteorological data on compact disk (CD) is provided as a supplement to Reference 1. Specifically, the enclosure to this letter provides an electronic copy of meteorological data used in Reference 1 that includes joint frequency distributions of wind speed and direction by atmospheric stability class based on appropriate meteorological measurement heights and data reporting periods and an hour-by-hour listing of the hourly averaged onsite meteorological database. The format of the data is in accordance with Reference 3.

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If you have any questions or need additional information, contact me at (410) 864-6441.

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

Executed on August 16, 2007

A handwritten signature in black ink, appearing to read 'R. M. Krich', is positioned above the printed name.

R. M. Krich
UniStar Nuclear Development, LLC

Enclosure: Compact Disk containing Supplemental Submittal of Calvert Cliffs Nuclear Power Plant, Unit 3, 2000-2005 Meteorological Data and JFD Tables in Regulatory Guide 1.23 Format, dated August 15, 2007

cc: U.S. NRC Region I (2 CDs)
U.S. NRC Resident Inspector, Calvert Cliffs Nuclear Power Plant, Units 1 and 2
NRC Project Manager, U.S. EPR Combined License Application (5 CDs)
NRC Project Manager, U.S. EPR Design Certification Application (w/o enclosure)

ENCLOSURE

**Compact Disk containing
Supplemental Submittal of Calvert Cliffs Nuclear Power Plant, Unit 3
2000-2005 Meteorological Data and JFD Tables in Regulatory Guide 1.23 Format
dated August 15, 2007**