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10 CFR 52.3



January 14, 2008

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

UN#08-001

Subject: UniStar Nuclear, NRC Project No. 746
Inspection, Test, Analysis, and Acceptance Criteria for Structural Backfill
Parameters

- References:
- 1) Letter UN#07-008 from R. M. Krich (UniStar) to U.S. Nuclear Regulatory Commission, "UniStar Nuclear, NRC Project No. 746, Submittal of a 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) Letter from David B. Matthews (NRC) to R. M. Krich (UniStar), "Calvert Cliffs Nuclear Power Plant, Unit 3, Status of Acceptance Review of Part One of the Combined License Application," dated August 23, 2007
 - 3) Letter UN#07-015, from R. M. Krich (UniStar) to U.S. Nuclear Regulatory Commission, "UniStar Nuclear, NRC Project No. 746, Response to NRC August 23 Letter Regarding Status of Acceptance Review of Part 1 of the Combined License Application," dated October 30, 2007
 - 4) Letter UN#08-001 from R. M. Krich (UniStar) to U.S. Nuclear Regulatory Commission, "UniStar Nuclear, NRC Project No. 746, Submittal of a Revision 1 to the Partial Combined License Application," dated December 14, 2007

UniStar Nuclear submitted a partial Combined License (i.e., COL) application to the NRC by letter dated July 13, 2007 (Reference 1) for a new nuclear plant to be located at the current site of the Calvert Cliffs Nuclear Power Plant, Units 1 and 2. By letter dated August 23, 2007 (Reference 2), the NRC identified the need for an additional level of detail regarding certain topics in the partial COL, and by letter dated October 30, 2007, UniStar Nuclear provided its response. In our letter of October 30, 2007 (Reference 3), we provided some of the identified additional detailed information and committed to provide the remainder of the detailed information in a revision to the partial COL application to be submitted by December 14, 2007.

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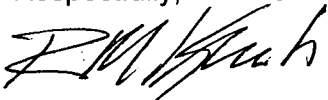
Page 2

Revision 1 of the Calvert Cliffs Nuclear Power Plant, Unit 3 partial COL application was submitted by letter (Reference 4) on December 14, 2007.

During a telephone conference call between NRC and UniStar Nuclear representatives on January 11, 2008, to address the NRC acceptance review of the Calvert Cliffs Nuclear Power Plant, Unit 3 partial COL application, the need for Inspection, Test, Analysis, and Acceptance Criteria (ITAAC) for structural backfill parameters was identified. Accordingly, UniStar Nuclear commits to incorporate ITAAC for structural backfill parameters in the COL application when the remainder of the COL application is submitted to the NRC in March 2008. The ITAAC shall contain the structural backfill parameters that UniStar Nuclear will use in calculations to reach a safety conclusion. UniStar Nuclear will participate in industry discussions to reach industry consensus on these structural backfill parameters.

If you have any questions or need additional information, please contact me at (410) 470-5518.

Respectfully,



R. M. Krich
UniStar Nuclear Development, LLC

cc: NRC Project Manager, U.S. EPR Combined License Application
NRC Project Manager, U.S. EPR Design Certification Application