

May 8, 2009

APPLICANT: Calvert Cliffs 3 Nuclear Project, LLC And Unistar Nuclear Operating Services, LLC

PROJECT: Calvert Cliffs Nuclear Power Plant Unit 3 Combined License

SUBJECT: SUMMARY OF APRIL 17, 2009, EPR CALVERT CLIFFS RCOLA PUBLIC MEETING – Discussions of Intake Structure Relocation, Geotechnical Issues and Seismic Analysis Issues

On April 17, 2009, the U.S. Nuclear Regulatory Commission (NRC) held a public meeting at U.S. Nuclear Regulatory Commission, Two White Flint North Building (Floor 9, Conference Room A01, 11525 Rockville Pike, Rockville, Maryland, 20852) with the representatives of UniStar. The purpose of the meeting was to discuss several cross-cutting issues relating to the Intake Structure Relocation, Seismic Analysis Issues, Geotechnical Issues, and discuss the proposed milestone dates provided by UniStar. The meeting agenda is provided as Enclosure 1 and the attendees are identified in Enclosure 2.

This meeting summary is available through the Agencywide Documents Access and Management System (ADAMS) as a document with Accession Number ML091170401. The meeting notice issued is contained in ADAMS document ML090900679, and the meeting slides are available in ADAMS document ML091170401. Documents in ADAMS are available electronically at the NRC's Electronic Reading Room at <http://www.nrc.gov/reading-rm/adams.html>. If you do not have access to ADAMS or have problems accessing the documents located in ADAMS, contact the NRC Public Document Room (PDR) staff at 1-800-397-4209, 301-415-4737, or pdr@nrc.gov.

The April 17, 2009, meeting was a Category 1 public meeting during which members of the public were invited to provide comment at specific times identified in the agenda. The meeting was open to the public for the entire duration. Members of the public included representatives from Ameren, PPL, PSEG, and Winston & Strawn and were present for the entirety of the meeting. There were no participants on the teleconference line. Several topics were covered as noticed in the meeting agenda. A summary of each topic is provided below in the following sections.

Intake Structure Relocation

The session began with brief introductory remarks by NRC staff. Then UniStar provided a brief background and described the scope of the relocation of the Intake Structure. Due to the challenges identified in the construction of the Unit 3 intake area, and due to the potential reduction in the environmental impacts to the adjacent cliff, the intake structure has been moved approximately 500 feet to the south. The Intake Structure will remain with a similar configuration and the safety classification of the structure will remain the same. There are no significant changes to the plant design bases. The Intake Structure will have a new orientation and location, and two new 60-inch diameter pipes will transport water to the forebay of the relocated structure. The affected FSAR section changes were briefly summarized and UniStar

provided a date of June 30, 2009, to submit the changes to the FSAR in Revision 5, or as a Supplement (with exception of specific geotechnical and civil/structural RAI issues identified).

Geotechnical

Discussions of this session focused on the geotechnical issues from FSAR Section 2.5.4 and 2.5.5. The status of the current work within FSAR Section 2.5.4 and 2.5.5 was provided and the progression and future dates for activities required to complete work was discussed.

The critical path is the analysis of the new core borings at the new intake structure location. Unistar stated that the driving factors meeting the proposed scheduled are due to the unavailability of lab time, the limited amount of equipment, and the long duration of the testing. The lab testing is performed in series, and UniStar is waiting for soil samples, which are required for further testing. The test data results obtained from the soil samples are then used to perform the Structures Analysis Software System Interface (SASSI) analysis. The proposed milestone dates provided by UniStar are of high confidence and best available dates possible to complete their work.

Seismic Design and Analysis

The majority of this session was focused on the discussion of RAI questions (FSAR Section 3.7.1, 3.7.2, and 3.7.3) and the response methodologies. A summary was provided to familiarize the staff with the sequence of events necessary to meet the milestones. UniStar emphasized the milestone dates provided for the individual activities are the best dates available; however, they would try to accelerate the schedule in any way possible.

Members of the public were in attendance. No public feedback forms were received. Please direct any inquires concerning this meeting to Jay Patel at 301-415-6714 or Jay.Patel@nrc.gov.

Sincerely,

/RA/

Jay Patel, Project Manager
EPR Projects Branch
Division of New Reactor Licensing
Office of New Reactors

Docket No. 52-016

Enclosures: As stated

provided a date of June 30, 2009, to submit the changes to the FSAR in Revision 5, or as a Supplement (with exception of specific geotechnical and civil/structural RAI issues identified).

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NRO - 002

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DATE	05/07/09	05/07/09		

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**AGENDA FOR CALVERT CLIFFS RCOLA – PUBLIC MEETING TO DISCUSS INTAKE
STRUCTURE RELOCATION, GEOTECH ISSUES AND SEISMIC ANALYSIS ISSUES**

**Friday, April 17, 2009
9:00 a.m. – 12:00 a.m.**

- | | | | |
|----|--|-----------|------------|
| 1. | Introduction and Opening Remarks | (NRC) | 09:00 a.m. |
| 2. | Intake Structure Relocation | (UniStar) | 09:10 a.m. |
| | <ul style="list-style-type: none">- Description and scope of relocation- Review of plot plan drawing- List of affected FSAR sections, including discussion of most affected sections | | |
| 3. | Seismic Design and Analysis (FSAR 3.7) issues | (UniStar) | 09:45 a.m. |
| | <ul style="list-style-type: none">- RAI response items with potential impacts on NRC Phase I schedule closeout- Discussion of proposed strategies to minimize schedule impact | | |
| 4. | Break | | 10:45 a.m. |
| 5. | Geo-technical (FSAR 2.5) issues | (UniStar) | 11:00 a.m. |
| | <ul style="list-style-type: none">- COLA review schedule items with potential impacts on NRC Phase I schedule closeout- Discussion of proposed strategies to minimize schedule impact | | |
| 6. | Questions and Comments * | (ALL) | 11:45 a.m. |
| 7. | Closing Remarks | (NRC) | 11:50 a.m. |
| 8. | Adjourn | | 12:00 a.m. |

All times listed are approximate and for planning purposes only. Adjustments may be made during the meeting as necessary.

** The public will be given the opportunity to comment at these points in the meeting.*

Attendance List
EPR Calvert Cliffs RCOLA Public Meeting
April 17, 2009
United States Nuclear Regulatory Commission
Two White Flint North (TWFN)
Floor 9, Conference Room A01
11545 Rockville Pike
Rockville, Maryland, 20852

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(Revised 04/16/2009)

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