

February 15, 2013

APPLICANT: LUMINANT GENERATION COMPANY, LLC.

APPLICATION: UNITED STATES – ADVANCED PRESSURIZED WATER REACTOR

SUBJECT: SUMMARY OF JANUARY 15, 2013, PUBLIC TELECONFERENCE WITH LUMINANT GENERATION COMPANY, LLC. TO DISCUSS THE SURFACE WATER ANALYSIS FOR THE COMANCHE PEAK COMBINED LICENSE APPLICATION, CHAPTER 2, SECTION 2.4, “HYDROLOGIC ENGINEERING”

On Tuesday, January 15, 2013, the U.S. Nuclear Regulatory Commission (NRC) held a Category I public teleconference with Luminant Generation Company, LLC. (Luminant). During this teleconference, Luminant discussed its surface water analysis. The meeting was noticed on December 21, 2012, and is available through both the NRC public meeting website and the Agencywide Documents Access and Management System (ADAMS) under Accession Number ML12355A291. The meeting notice included the meeting agenda. The list of attendees is included as an enclosure.

After the opening remarks and the introduction of attendees, Luminant discussed its presentation entitled “CPNPP Units 3 and 4 Surface Water Analysis Calculation 036 & 037 Revision and Supplemental RAI 139 Status Update,” and can be found in ADAMS under Accession Number ML13016A182. Luminant stated that slide number 2 of the presentation shows the revised drainage areas. Luminant stated that the minor shifts in the sub-basin boundary did not result in major changes to the elevations in the southwestern portion of the site. In slide number 4 of the presentation, the NRC staff asked what prompted these site changes. Luminant responded that it wanted to prevent water from entering the protected area of the plant. The NRC staff requested a full size copy of the site grading plan, and a copy of the design drawings; Luminant responded that it could provide this information. In slide number 7 of the presentation, the NRC staff stated that they needed to see a justification for the conservatism in the choice of “n” values (roughness coefficient values) used by Luminant in the surface water analyses. In slide number 10 of the presentation, the NRC staff asked Luminant to check whether upstream supercritical boundary conditions were consistent with those used downstream. In slide numbers 11 and 12 of the presentation, the NRC staff informed Luminant, that based on previous submittals in portions of the subbasins where the water surface exceeded the maximum flood level requirement, a clear justification needs to be provided. The justification should include sufficient discussion to ensure safety-related structures, systems, and components will not be impacted. The NRC staff asked about the purpose of the new Drainage Pond C and Luminant stated that the new Drainage Pond C was created for hydrologic reasons and to ensure that the protected area of the site was provided with adequate surface water drainage and attenuation provisions.

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Finally, at the conclusion of this teleconference, Luminant informed the staff that it is scheduled to provide hydrology submittals to the NRC staff on April 30, 2013.

Please direct any inquires to me at 301-415-1544, or via e-mail at Stephen.Monarque@nrc.gov.

Sincerely,

*/RA/*

Stephen Monarque, Project Manager  
Licensing Branch 2  
Division of New Reactor Licensing  
Office of New Reactors

Docket No.: 52-034 and 52-035

Enclosure:  
List of Attendees

cc w/ enclosure: See next page

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**ADAMS Accession No.: ML13043A181**

**NRO-002**

<b>OFFICE</b>	DNRL/LB2: PM	DNRL/LB2: LA	DNRL/LB2: PM
<b>NAME</b>	TRoy	CMurphy	SMonarque
<b>DATE</b>	02/13/2013	02/13/2013	02/15/2013

**OFFICIAL RECORD COPY**

LIST OF ATTENDEES

U.S. Nuclear Regulatory Commission  
Public Teleconference held on January 15, 2013

<u>NAME</u>	<u>AFFILIATION</u>
Stephen Monarque	Nuclear Regulatory Commission
Tarun Roy	Nuclear Regulatory Commission
Mark McBride	Nuclear Regulatory Commission
Nebiyu Tiruneh	Nuclear Regulatory Commission
Brennan Smith	Oak Ridge National Laboratories
Nicholas Kellenberger	Mitsubishi Nuclear Energy Systems
Deborah Jerez-MacPherson	Mitsubishi Nuclear Energy Systems
Mory Diane	Mitsubishi Nuclear Energy Systems
Brandon Hall	Mitsubishi Nuclear Energy Systems
Frostie White	Mitsubishi Nuclear Energy Systems
Michael Melton	Mitsubishi Nuclear Energy Systems
Diane Yeager	LBG
James Beach	LBG
Dave O'Rourke	LBG
Rich Hendricks	URS
Stacy Burgess	Enercon
John Huggins	Enercon
Joe Mancinelli	Enercon
Tom Schutzer	Enercon
Suraj Balan	Enercon

Enclosure

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(Revised 02/06/2013)

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