

Dimitri Lutchenkov
Director, Environmental Affairs

750 East Pratt Street, Suite 1600
Baltimore, Maryland 21202



November 29, 2011

UN#11-288

Steven D. Foster, PE
Chief, Engineering Access Permits Division
Office of Highway Development
Maryland State Highway Administration (SHA)
707 N. Calvert Street, Mailstop C-302
Baltimore, Maryland 21202

Subject: Calvert Cliffs Nuclear Power Plant Unit 3
Response to October 31, 2011, SHA Comments on
Traffic Impact Study Dated August 19, 2011

Reference: Letter from Stephen D. Foster (SHA) to Edward A. Miller, (UNE), "Calvert County
MD2/4 Calvert Cliffs Nuclear Power Plant Post Construction/Final Report SHA
Tracking No. 09-AP-CA-020 Traffic Impact Study Milepoint 8.00," October 31, 2011

Dear Mr. Foster:

Enclosed please find responses to State Highway Administration comments from October 31, 2011 (reference).

If you have any questions regarding this transmittal, please contact me at (410) 369-1906 or Ed Miller of my staff at (443) 569-9220 or edward.miller@constellation.com.

Sincerely,

A handwritten signature in black ink, appearing to read "D. Lutchenkov", written in a cursive style.

Dimitri Lutchenkov

Enclosure – Response to October 31, 2011 SHA Comments on Traffic Impact Study Dated August 19, 2011, November 18, 2011

cc: Terry Carlson – Director, Calvert County Department of Public Works
Frank Coxon – Maryland State Highway Administration
Susan Gray – Power Plant Research Program, MD DNR
Brent Hare – Maryland Energy Administration
Kirk McClelland – Director, Office of Highway Development, MD SHA
WR McShane – KLD Engineering PC
Laura Quinn – NRC Project Manager, Environmental Projects
Lee Starkloff – District Engineer, MD SHA
Kim Tran – Assistant District Engineer - Traffic, District 5, MD SHA
Linda Vassallo – Director of Economic Development, Calvert County
Greg Welker - Deputy Administrator, Chief Engineer of Operations, MD SHA

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Enclosure
Response to October 31, 2011, SHA Comments on
Traffic Impact Study Dated August 19, 2011

November 18, 2011

**RESPONSE TO OCTOBER 31, 2011 SHA COMMENTS ON
TRAFFIC IMPACT STUDY DATED AUGUST 19, 2011**

November 18, 2011

Based upon the SHA review comments provided on October 31, 2011 of the Traffic Study related to the proposed expansion at the Calvert Cliffs site in Lusby, MD prepared by KLD in cooperation with URS for UniStar, the comments are addressed below one by one, following each section of the review comments.

1. The report noted that the shoulder along the southbound MD2/4 approach to the first access to the gas station south of the MD2/4 split will be 10 ft. wide to accommodate right turning traffic. The SHA will require clarification if the 10 ft. shoulder is intended to be striped as a deceleration lane into the site or just a wide full depth shoulder.

Response: *We had intended that this would be a 10-foot wide full depth shoulder; however, it could be striped as a deceleration lane if the SHA prefers.*

2. The SHA's criteria for intersection level of service requires that a minimum LOS D be provided based on total traffic volumes. Therefore, the SHA prefers Option 1 for the proposed mitigation at the MD2/4 at MD231 intersection; however, if Option 1 is not viable, Option 3 is acceptable.

Response: *As stated in the report, we do not believe that Option 1 will be viable, therefore we will proceed with Option 3.*

3. It is noted that the new temporary access to CC3 will be placed into service before the queue storage capacity at the existing access at Nursery Road is exceeded. As the project moves forward, plans must be provided indicating the process that will be followed to monitor the operations of the Nursery Road access.

Response: *Noted.*

4. Details of how access from Nursery Road will be closed following opening of the new temporary access must be provided as part of the mitigation construction documents.

Response: *Noted.*

5. For Post-Construction operations, the SHA reiterates that Alternate 1 is acceptable for providing access to CC1, CC2 and CC3.

Response: *Noted.*