



Martin O'Malley, *Governor*  
Anthony G. Brown, *Lt. Governor*

Beverley K. Swaim-Staley, *Secretary*  
Darrell B. Mobley, *Acting Administrator*

MARYLAND DEPARTMENT OF TRANSPORTATION

July 28, 2011

RE: Calvert County  
MD2/4  
Calvert Cliffs Nuclear Power Plant  
Traffic Impact Study  
Milepoint 8.00  
SHA Tracking No. 09-AP-CA-020

Mr. Edward A. Miller  
UniStar Nuclear Energy  
750 East Pratt Street  
Suite 1600  
Baltimore, Maryland 21202

Dear Mr. Miller:

Thank you for the recent discussions requesting that the State Highway Administration (SHA) clarify the July 13, 2011 letter regarding the Traffic Impact Study (TIS), mitigation requirements and the briefing with the Calvert County Board of County Commissioners (BOCC) on June 28, 2011. The briefing with the Commissioners was conducted to provide an update on the proposed improvements to the five intersections and required roadway improvements from the Traffic Impact Study (TIS) dated June 20, 2011. The SHA is providing this revised response that supersedes the July 13, 2011 letter.

The SHA approves the TIS prepared for the project detailing the corridor-wide traffic operation anticipated both for construction of CC#3 and after opening of the new Unit. The SHA will continue to work with UniStar to address several minor items that are in the process of being resolved for the during construction and post construction conditions. Details of those comments are being provided in a separate letter and will result in a final TIS version for our files. This TIS approval is intended to allow your team to develop detailed plans and continue coordination on the required improvements along the corridor. This approval of the TIS has established the traffic mitigation to be performed by UniStar to be limited to improvements to the following intersections:

- MD 2 and MD 4 split
- MD 2/4 and MD 231
- MD 2/4 and Calvert Beach Road
- MD 2/4 and Calvert Cliffs Parkway
- MD 2/4 and the new Temporary CC3 Construction Entrance (and subsequent removal)

My telephone number/toll-free number is \_\_\_\_\_  
*Maryland Relay Service for Impaired Hearing or Speech 1.800.795.2258 Statewide Toll Free*

*Street Address: 707 North Calvert Street • Baltimore, Maryland 21202 • Phone 410.545.0900 • www.sha.maryland.gov*

Mr. Edward A. Miller  
Page No. 2

The County Commissioner's concurred in this list of improvements at their June 28 meeting. If the detailed plans prepared for each of the five (5) intersections result in significant revisions to the traffic mitigation, it is our expectation that the TIS will be updated to reflect the specific details to gain SHA approval of TIS revisions associated with improvements at that location. During construction of the Calvert Cliffs facility, the SHA, County, and UniStar will monitor the intersections as the site development progresses and UniStar will make adjustments as needed to meet operational needs. SHA expects to issue a separate permit for each of the intersections to be processed as they are developed. All intersection improvements are to be complete and operational by the point at which UniStar generates the traffic demand that requires the mitigation improvement.

At the briefing, the BOCC expressed concerns about the omission of other intersections along the corridor from the TIS. The SHA and UniStar are preparing a map showing traffic volumes and the levels of service (LOS) at other intersections along the corridor. The County and SHA will use the map as a tool to assess whether other intersections along the corridor will require implementation of improvements and/or operational improvements by the County and/or SHA in the future. If geometric improvements are required at any of these other intersections, the County and SHA will be responsible to coordinate a plan of action by the County or SHA at these locations.

If you have any questions, please contact me or Mr. Frank Coxon at 410-545-5582 or by email at fcoxon@sha.state.md.us.

Sincerely,



Steven D. Foster, Chief  
Access Management Division

SDF/sdf

cc: Mr. Terry Carlson, Calvert County, Department of Public Works  
Mr. Frank Coxon, SHA, Access Management Division  
Mr. Robert French, SHA, Office of Traffic and Safety  
Ms. Susan Gray, DNR, Power Plant Assessment Division  
Mr. Jim Holls, Whitney, Bailey, Cox and Magnani, LLC  
Ms. Bobbie Hutchison, Calvert County, Department of Planning and Zoning  
Mr. Wayne McFall, URS Corporation  
Mr. Tim Ryan, URS Corporation  
Ms. Lisa Shemer, SHA, Travel Demand Forecasting Section  
Mr. Eric Tabacek, SHA, Traffic Development & Support Division  
Ms. Kimberly Tran, SHA, District 5 Traffic