

Greg Gibson  
Vice President, Regulatory Affairs

750 East Pratt Street, Suite 1600  
Baltimore, Maryland 21202



June 24, 2010

UN#10-174

Mr. Jay G. Sakai, Director  
Water Management Administration  
Maryland Department of the Environment  
1800 Washington Boulevard  
Baltimore, Maryland 21230

Subject: UniStar Nuclear Energy  
Calvert Cliffs Nuclear Power Plant, Unit 3  
Calvert County, Maryland  
CPCN Condition 37 – Annual Status of Desalination Plant

Reference: (1) Certificate of Public Convenience and Necessity, In the Matter of the Application of UniStar Nuclear Energy, LLC and UniStar Nuclear Operating Services, LLC for a Certificate of Public Convenience and Necessity to Construct a Nuclear Power Plant at Calvert Cliffs in Calvert County, Maryland. Case No. 9127, dated June 26, 2009.  
(2) Letter from Edward P. Jarmas to James A. Spina, "Desalination Plant Excess Water", dated December 17, 2009.

The purpose of this letter is to provide an update on the status of the Calvert Cliffs 3 Nuclear Project, LLC ("CC3") desalination plant construction and the availability of water for use by Calvert Cliffs Nuclear Power Plant, LLC ("CC1/2") as required per the Calvert Cliffs Unit 3 Certificate of Public Convenience and Necessity (Reference 1) Condition 37.

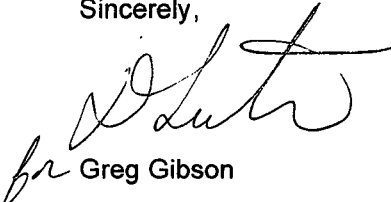
The availability of water and parameters as presented formally to CC1/2 last year, Reference 2, has not changed. Although a detailed construction schedule has not yet been fully developed, it is the intent of the project to build and operate the desalination plant as described in the Combined Operating License Application (COLA) submitted to the NRC and as described in the CPCN, Reference 1. The desalination plant construction is expected to take approximately one year and will be operational in time to support the startup and commissioning of CC3 which is currently scheduled to start six months before the start of commercial operations.

GTG/KAB/mdf

UN#10-174  
June 24, 2010  
Page 2

If you have any questions concerning the attached document, please call Mr. Dimitri Lutchenkov at (410) 470-5524 or Mr. Tom Konerth at (410) 495-4169.

Sincerely,



for Greg Gibson

cc: John Grace - Maryland Department of the Environment  
Mohammad Ebrahimi - Maryland Department of the Environment  
Woody Francis - U.S. Army Corps of Engineers  
Susan Gray - Power Plant Research Program  
Cheryl Kerr - Maryland Department of the Environment  
Laura Quinn - NRC Project Manager, Environmental Projects Branch 2  
Amanda Sigillito - Maryland Department of the Environment