



December 3, 2009

UN#09-500

Kathy Anderson, Biologist
U.S. Army Corps of Engineers – Baltimore District
10 S. Howard Street
Baltimore, Maryland 21201

Subject: Temporary Impacts to Wetlands and Streams Associated with Mitigation
Construction Activities for Calvert Cliffs 3 Nuclear Power Plant
USACE Tracking No. NAB-2007-08123-M05
MDE Project Number 08-WL-1462 (T), 09-NT-0191 (NT)

At your request, enclosed is a letter dated December 1, 2009, from Mr. Thomas King, EA Engineering, Science and Technology to Mr. Edward Miller, Constellation Energy, that summarizes temporary impacts to wetlands and streams associated with mitigation construction activities at the proposed Calvert Cliffs Nuclear Power Plant Unit 3 at the Calvert Cliffs Power Plant Site.

If you have any questions concerning the attached letter, please call Mr. Dimitri Lutchenkov at (410) 470-5524.

Sincerely,

A handwritten signature in red ink, appearing to read "Greg Gibson", is written over a white background.

Greg Gibson

Enclosure – Letter dated December 1, 2009, from Mr. Thomas King, EA Engineering, Science and Technology, to Mr. Edward Miller, Constellation Energy

cc: Laura Quinn – NRC Project Manager, Environmental Projects Branch 2 (w/enclosure)
Amanda Sigillito – MDE (w/enclosure)
Susan Gray – Power Plant Research Program (w/enclosure)

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UN#09-500
December 3, 2009
Page 2

bcc: Jim Burkman – Constellation (w/enclosure)
Lisa Decker – Constellation (w/o enclosure)
Lee Rabideau – Bechtel (w/enclosure)
Matt Wyant – Bechtel (w/enclosure)
Robin Leon – Saul Ewing (w/enclosure)
Dimitri Lutchenkov - UNE (w/enclosure)
Ed Miller – Constellation (w/enclosure)
Federico Perdomo – UNE (w/enclosure)

Enclosure

**Letter dated December 1, 2009, from Mr. Thomas King,
EA Engineering, Science and Technology,
to Mr. Edward Miller,
Constellation Energy**



December 1, 2009

Mr. Ed Miller, P.E.
Principal Environmental Engineer
Constellation Energy Generation Group
Environmental Services
1005 Brandon Shores Rd
Baltimore, MD 21226

Re: **Temporary Impacts Associated with the Phase II Mitigation Plan**
Calvert Cliffs Nuclear Power Plant, Unit 3
Phase II Wetland and Stream Mitigation Plan
Lusby, Maryland

Dear Mr. Miller:

As requested by Kathy Anderson of the United States Army Corps of Engineers (USACE) during a site visit to Calvert Cliffs on November 16, 2009, EA has calculated the anticipated temporary impacts to wetlands and stream channels that will be impacted during the mitigation construction activities. In addition to the permanent impacts associated with the site development, the mitigation activities are anticipated to temporarily impact no more than 1.75 acres of wetlands and 590 linear feet of stream channels. These impacts associated with the mitigation activity are temporary and will be removed upon completion of the mitigation construction. The anticipated temporary impacts are proposed for construction access (timber mats), temporary crossings (temporary pipes, pump-arounds, etc.), and other activities associated with ongoing construction activities (vegetation removal, minor grading, etc.). All temporary construction material placed within the streams and wetlands will be removed and restored to original grade upon completion of the mitigation activities and re-planted with appropriate hardwood vegetation. Construction laydown areas are proposed to be placed outside of the wetland and stream limits. A detailed set of plans, including the proposed limit of disturbance (LOD) will be included in the Sediment and Erosion Control Plans, to be submitted with the Final Phase II Mitigation Plan.

In addition to calculating the temporary impacts associated with the mitigation activities, EA has checked the impact totals for the development activity to ensure no deviation from the impacts proposed in the original Joint Permit Application (JPA) submitted May 16, 2008. EA has confirmed that the proposed development activity will impact no more than 11.72 acres of nontidal wetlands and 8,350 linear feet of stream channels, as described in the original JPA.

Should you have any questions concerning the information above or require additional information regarding this matter, please do not hesitate to contact me at (410) 771-4950 or via email at tking@eaest.com.

Very truly yours,

EA Engineering, Science, and Technology

A handwritten signature in black ink, appearing to read "Thomas King".

Thomas King
Environmental Scientist