

Greg Gibson
Vice President, Regulatory Affairs

750 East Pratt Street, Suite 1600
Baltimore, Maryland 21202



October 9, 2009

UN#09-412

Mr. J. Rodney Little
Director/State Historic Preservation Officer
Maryland Historic Trust
100 Community Place
Crownsville, MD 21032-2023

Subject: Architectural and Historical Resources Field Documentation Update
Calvert Cliffs Nuclear Power Plant Expansion
Calvert County, Maryland

Attn: Dr. Dixie Henry

As per our discussions with Dr. Dixie Henry with the Maryland Historic Trust (MHT) on June 9, 2009, and as documented in the draft Memorandum of Agreement (MOA) which is currently being negotiated, we are providing this summary, Architectural and Historical Resources Field Documentation Update (enclosed), to the MHT for their review and concurrence. MHT concurrence that this aspect of the architectural mitigation is complete fulfills the condition stipulated in Section II.A.2 of the draft MOA and allows the project to proceed with activities that may impact those resources. It will also facilitate UniStar Nuclear Energy gaining needed concurrence from the U.S. Army Corps of Engineers, the lead agency on the pre-construction phase, that the project may proceed with these activities.

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

Sincerely,

A handwritten signature in black ink, appearing to read "Greg Gibson", is written over a faint rectangular box.

Greg Gibson

Enclosure – Architectural and Historical Resources Field Documentation Update, Calvert Cliffs Nuclear Power Plant Expansion, Calvert County, Maryland, September 24, 2009

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cc: Kathy Anderson – US Army Corps of Engineers
Susan Gray – Power Plant Research Program
Laura Quinn – NRC Project Manager, Environmental Projects Branch 2

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bcc: Yvonne Abernethy – Constellation
Lisa Decker – Constellation
Ed Jarmas - UNE
Dimitri Lutchenkov - UNE
Robbie McCready - UNE
Mike Milbradt - UNE
Ed Miller – Constellation
Barbara Munford - GAI
Federico Perdomo – UNE
Ben Resnick - GAI

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Enclosure
Architectural and Historical Resources Field Documentation Update
Calvert Cliffs Nuclear Power Plant Expansion
Calvert County, Maryland
September 24, 2009



September 24, 2009

Project C081163.00

Ms. Yvonne F. Abernethy
Constellation Energy
6330 Woodside Executive Ct.
Aiken, SC 29803

Re: Architectural and Historical Resources Field Documentation Update
Calvert Cliffs Nuclear Power Plant Expansion, Calvert County, Maryland

Dear Ms. Abernethy:

This letter provides an update on recent cultural resources fieldwork at Calvert Cliffs Nuclear Power Plant (CCNPP), Calvert County, Maryland; specifically, a summary of the fieldwork conducted in support of mitigation activities associated with the National Register of Historic Places (NRHP)-eligible Camp Conoy (CT-1312) and Baltimore & Drum Point Railroad (CT-1295). As described in the June 2009 Revised Mitigation Plans for Camp Conoy and the Baltimore & Drum Point Railroad, field recordings of each resource involved architectural investigations that included mapping, photography, measured drawings, and detailed written descriptions, as agreed upon in a meeting with the consulting parties on June 9, 2009.

Camp Conoy (CT-1312)

Between June 22 and June 26, 2009, GAI's architectural historians conducted intensive-level architectural documentation of the resource's three contributing buildings: the Eagle's Den, the Camp Conoy Lodge, and a storage shed. Field recordation began with documentation of the contributing buildings with detailed written descriptions of interior and exterior character-defining features that are important in conveying the architectural and historical significance of the camp. Secondly, GAI completed an overall site plan map of Camp Conoy illustrating the spatial relationship of contributing resources, non-contributing resources, driveways, roadways, and important natural features. Third, interior and exterior photographic documentation was collected for each of the resource's three buildings, consisting of high-resolution digital format and black and white 35mm photographs. These photographs documented existing conditions from various perspectives. The 35mm film will be developed to produce negatives and true black and white prints on archival quality paper, to be incorporated as a permanent record into MHT's collections. Photographs 1 through 6 provide a sample of the photo documentation for these buildings. Finally, the GAI team collected measurements of the buildings, measuring the dimensions of the buildings, window and door openings, and important architectural details and features. These measurements were used to prepare scaled interior floor plans and exterior elevations of the contributing resources at Camp Conoy. Samples of these floor plans and elevations are shown in Attachments 1 and 2.



Photograph 1 – Camp Conoy—Eagle's Den, Exterior



Photograph 2 – Camp Conoy—Eagle's Den, Interior



Photograph 3 – Camp Conoy—Lodge, Exterior



Photograph 4 – Camp Conoy—Lodge, Interior



Photograph 5 – Camp Conoy—Shed, Exterior



Photograph 6 – Camp Conoy—Shed, Interior

Baltimore & Drum Point Railroad (CT-1295)

Secondly, from June 22 through July 10, GAI's architectural historians and topographical survey team mapped and documented the alignment of the Baltimore & Drum Point Railroad as it occurs in the project area. The survey was performed using GPS and a total station, and consisted of gathering topographic information at intervals of approximately 100 feet, or at varying intervals as needed, based on alignment or landform constraints, to capture data on the shape and orientation of this resource. The survey team also recorded data at locations that, in their judgment, reflected important topographic features and changes in the historic property. Evidence of culverts or other features were identified and mapped during the survey. Based on the results of this survey, GAI will prepare measured drawings of the rail bed in both plan view and cross-section. A sample plan and profile drawing with cross sections, depicting a short segment of extant railroad alignment, is attached to this letter (Attachment 3). Photographs of the railroad alignment were taken at advantageous locations to depict its current condition and setting, using high-resolution digital and 35mm black and white photographs. Samples are shown in Photographs 7 and 8 below.



Photograph 7 – Segment of Baltimore & Drum Point Railroad Alignment



Photograph 8 – Segment of Baltimore & Drum Point Railroad Alignment

The results of the fieldwork outlined above, coupled with archival research and information gathered through solicitation of public and consulting party input, will be assembled into the draft and final mitigation documents for each resource. These documents will be submitted for MHT review in late 2009 (Baltimore & Drum Point Railroad) and mid 2010 (Camp Conoy). If you have any further questions about the mitigation reports for these resources, please do not hesitate to contact me at 412.476.2000 x1200 (email b.resnick@gaiconsultants.com), or Assistant Cultural Resources Manager Jared N. Tuk at 412.476.2000 x1207 (email j.tuk@gaiconsultants.com).

Sincerely,
GAI Consultants, Inc.

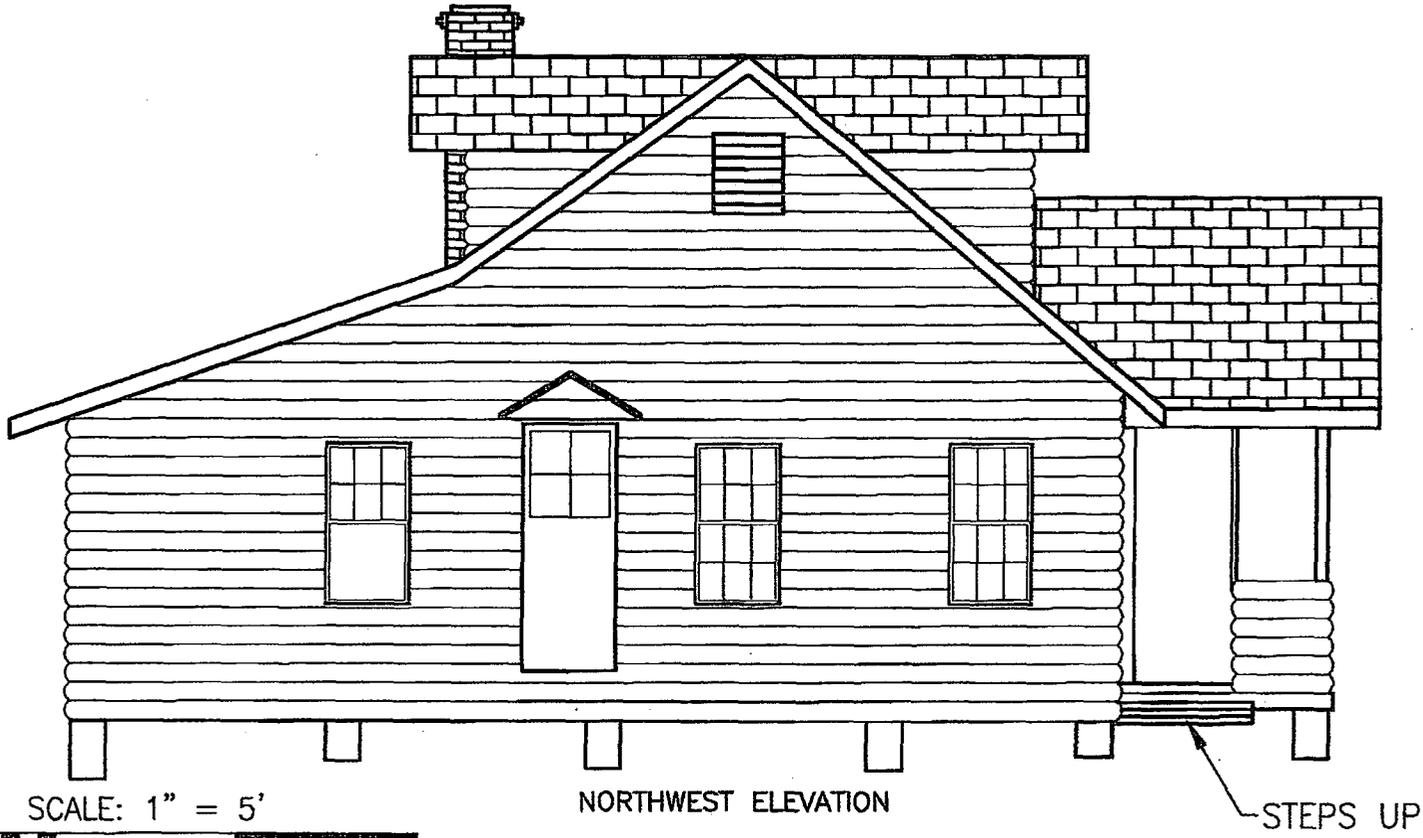
A handwritten signature in blue ink that reads "Benjamin Resnick".

Benjamin Resnick
Group Manager, Cultural Resources

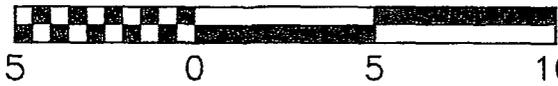
BR/jnt

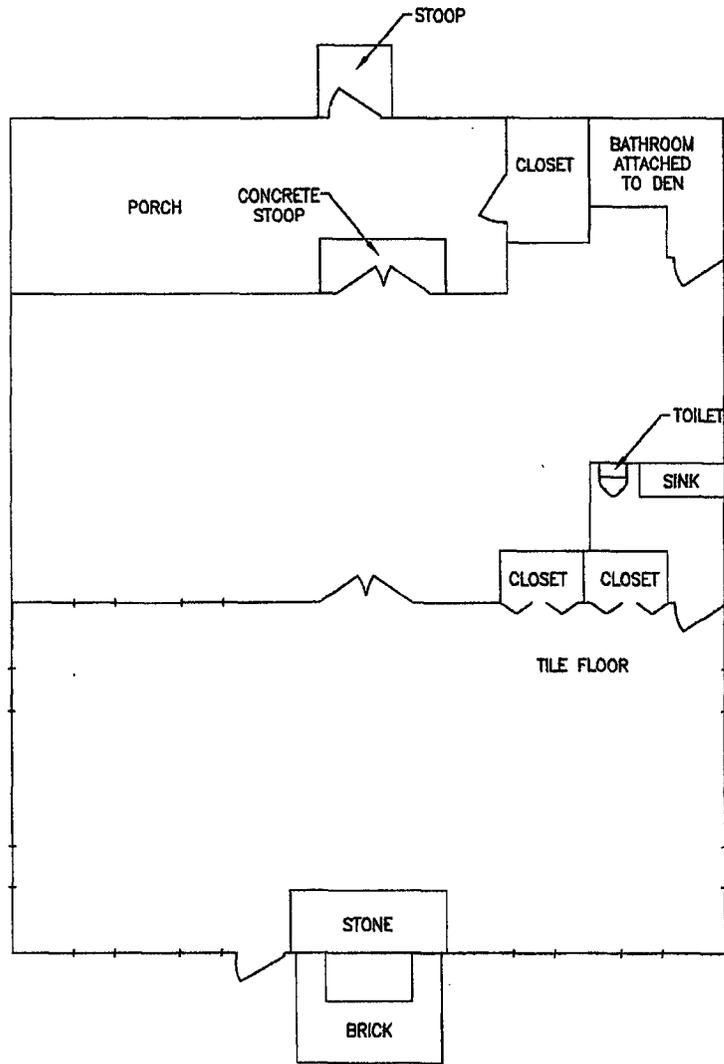
CC: Dimitri Lutchenkov (UniStar)
Dixie Henry (MHT)
Jonathan Sager (MHT)
Barbara Munford (GAI)

Attachment 1--Sample Elevation Drawing of Lodge,
Camp Conoy



SCALE: 1" = 5'





FLOOR PLAN

SCALE: 1" = 10'



Attachment 2--Sample Floor Plan of Eagle's
Den, Camp Conoy

