

**FEDERAL ENERGY REGULATORY COMMISSION**  
**Office of Energy Projects**  
Division of Dam Safety and Inspections – New York Regional Office  
19 West 34<sup>th</sup> Street, Suite 400  
New York, NY 10001

Telephone No. (212) 273-5900

Fax No. (212) 631-8124

In reply refer to:

P-12555-PA, Mahoning Creek  
NATDAM # PA00107

Notice to Proceed  
Construction of Penstock and  
Valve Chamber

May 8, 2013

Mr. John R. Collins  
Mahoning Creek Hydroelectric Co., LLC  
c/o Enduring Hydro, LLC  
5425 Wisconsin Avenue, Suite 600  
Chevy Chase, MD 20815

Dear Mr. Collins:

By letter dated March 12, 2013, we granted permission to start working on the bridge, intake and powerhouse construction. Further to the Potential Failure Modes Analysis (PFMA) follow-up meeting conducted on May 2, 2013, your request to start work on the valve chamber and penstock including the soldier pile wall is granted. However, this is contingent upon getting USCOE's approval and resolution of the following items:

- Construction drawings and specifications should be updated to clearly state the gradation and backfill requirements for the fill behind the soldier pile wall.
- Embedment length in to the rock should be established for the soldier pile wall anchors.

During construction, the following items should be inspected and documented:

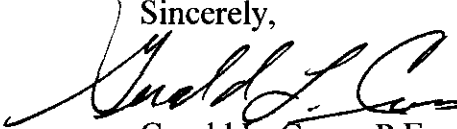
- While grouting for the installation of the steel lining within the dam, monitor uplift pressure and inspect drainage discharge for signs of grout.

**Contains Critical Energy Infrastructure Information**  
**- Do Not Release -**

- Proof rolling inspection and compaction testing for penstock and soldier pile wall backfill should be performed by the testing agency.

As outlined in our March 12, 2013 letter, you are required to submit monthly construction progress reports and a final construction report with as-built drawings within 90 days following the completion of the proposed work. You are also required to submit the certifications following construction.

If you have any questions on this matter, please contact Mr. Sockanathan at (212) 273-5956.

Sincerely,  
  
Gerald L. Cross, P.E.  
Regional Engineer

CC: Mr. Jeffrey Benedict, P.E.  
FERC Hydropower Coordinator  
Pittsburgh District, US Army Corps of Engineers  
William S. Moorhead Federal Building  
1000 Liberty Avenue  
Pittsburgh, PA 15222-4186