

FEDERAL ENERGY REGULATORY COMMISSION

Office of Energy Projects

Division of Dam Safety and Inspections – New York Regional Office

19 West 34th Street, Suite 400

New York, NY 10001

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In reply refer to:

P-2712-ME, Stillwater

NATDAM ID No. ME00139

Fish Passage Facilities

Powerhouse (B)

April 26, 2013

**Mr. Scott D. Hall, Vice President
Environmental and Business Services
PP&L Maine, LLC
P.O. Box 276, Davenport Street
Milford, ME 04461-0276**

Dear Mr. Hall:

By letter of transmittal dated March 6, 2013 we received your preconstruction documents, as prepared by Kleinschmidt Associates, for the construction of the new downstream fish passage and new upstream eel passage facility at Powerhouse B of the Stillwater Hydroelectric Project.

The downstream fish passage facility consists of a single surface bypass and a single low level bypass (for bottom oriented fish, such as eels).

Your submittal is made pursuant to Paragraph “B” of the of the Commission's February 21, 2013 Order Modifying and Approving Fish Passage Design Drawings under Article 416 of the amended license that was issued on September 14, 2012. The submitted documents include overall project Technical Specifications, Construction Quality Control Inspecting Program (QCIP), Temporary Construction Emergency Action Plan (TCEAP), Soil Erosion and Sediment Control Plan (SESCP) and Project Design Drawings (SB-1 through SB-3 and PS-13 through PS-15).

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We note that by letter dated October 15, 2012 you were authorized to commence construction of the Stillwater new Powerhouse B for which the subject fish passage work was already covered. You indicated that the submitted documents have been previously approved by FERC and this submittal is made in compliance with Paragraph (B) of the Commission Order Approving Fish Passage Design Drawings.

Our review of the submitted documents did not find any significant deficiencies or errors that would affect the safety of the project structures or the adequacy of the project works to perform their intended functions. The submitted documents are acceptable for the complexity of the proposed construction. You are now authorized to start field construction work at the subject site.

Please note that within 45 days of completion of construction you are to submit to this office a letter with the following certifications (notarized in accordance with 18CFR Part 12, Paragraph 12.13 of the Commission's Regulations):

- A certification by the Design Engineer that the project was constructed in accordance with the design intent.
- A certification by the Quality Control Manager that the results of the inspection and testing program results in a conclusion that the work was constructed in accordance with the plans and specifications.
- A certification from the Licensee that the construction fulfills the design intent and was constructed in accordance with the plans and specifications reviewed by FERC.

If during the design and construction process the plans and specifications are revised it is your responsibility to assure these changes are properly coordinated between the design engineer, the QCIP manager, FERC and yourself. Also, if any changes are made that requires a change in the operation of the project it is your responsibility to assure these changes is properly coordinated with FERC. You are reminded that no changes to the operation of the project can be made until it is authorized by the New York Regional Engineer.

As a reminder, you are responsible for ensuring completion of any necessary environmental coordination with the resource agencies and the procurement of any federal, state, or local permits required for the work, and compliance with the conditions of the project license. Necessary environmental coordination may involve working with agencies responsible for issues under the Endangered Species Act (ESA), the National Historic Preservation Act (NHPA), and the Bald and Golden Eagle Protection Act (Eagle Act), as well as any tribal groups. If any issues that may require ESA, NHPA, Eagle Act, or tribal consultation are identified, you should contact this office for guidance on how to

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proceed as federal consultation may be necessary.

As a reminder, in accordance with Paragraph "C" of the license Order as-built Exhibit F drawings to reflect the construction of the facilities are required to be submitted within 90 days following the completion of construction activities.

With the understanding that you are in compliance with the above requirements, you are authorized to commence construction. Please use the **Attached** construction report format as applicable.

If you have any questions regarding this matter, you should contact Mr. Peter Colella at (212) 273-5954 or e-mail at Peter.Colella@ferc.gov.

Sincerely,

A handwritten signature in cursive script, appearing to read "Gerald L. Cross". The signature is written in black ink and is positioned above a horizontal line.

Gerald L. Cross, P.E.
Regional Engineer

ATTACHMENT

CONSTRUCTION REPORTS FROM LICENSEES

Due to the complexity of the work being performed, we request the submittal of three construction reports. The initial report should be submitted within 30 days following contractor mobilization. The second report should be submitted when the work is fifty percent complete, and a final construction report should be submitted within 60 days from the completion of work. This report should include all information pertinent to the safety of the project in a concise form.

The report should contain a summary of information in each of the applicable sections indicated below. If certain sections are not applicable, state that they are not applicable. Include any construction difficulties under sections where it applies.

1. Progress of Work. Provide a brief narrative description of construction activities and related events during the reporting period. Report major items of work which reflect overall progress, rather than detailed statistical information.
2. Contract Status. Identify principal contractors and subcontractors engaged on the work. Describe any special expertise or equipment possessed by contractors.
3. Status of Construction. Describe the status of progress, as related to the original schedule and quantity estimates of items such as: (1) materials placed; (2) installation of machinery and equipment; and (3) necessary relocations. Report the status of construction in terms of percent physically complete and provide an appraisal as to whether work is proceeding at such a rate as to indicate completion within the specified contract time. If not, give the reasons why and estimate a revised completion date.
4. Materials Testing and Results. Include summaries of tests on concrete specimens and results of all tests. Field control tests that fail to meet specifications, and require an area to be reworked, shall be reported. Tests will be referenced to ASTM or other applicable standards.
5. Construction Difficulties. Describe unanticipated construction difficulties that could significantly increase project costs and/or affect job progress; such as latent conditions, serious job accidents, floods, labor difficulties, quantity overruns, material shortages, and similar events.

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6. Foundation Piles. Report specifically on foundation conditions, foundation preparations, driving of foundation piles, the type of material and conditions of placement. Include photographs and descriptions of the foundation areas that have been uncovered.
7. Photographs. At the outset of construction, establish several photographic vantage points from which periodic progress photographs can be taken to document progress. These photographs shall be supplemented by an appropriate number of detailed photographs to record significant elements of the work. All photographs shall be dated, captioned, and identified as to the report they accompany.
8. Drawings. Attach as-built drawings reduced in size to 11"x17". The drawings should include plan, section and details
9. Other Items of Interest. Note events not reported elsewhere in the inspection report. Typical items are, matters requiring continuing or follow-up action, public relations, job safety, important visitors, changes in job management, environmental problems, abnormal weather events, etc.