
Appendix 1-2

Gregg's Falls Hydro FERC Order Amending Exemption (FERC Project No. 3180)
dtd December 1, 1998

85 FERC ¶ 62,149

Gregg Falls 602.6.1 5/1.6.1

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UNITED STATES OF AMERICA
FEDERAL ENERGY REGULATORY COMMISSION

National Hydro

Project No. 3180-006

ORDER AMENDING EXEMPTION
(Issued December 1, 1998)

On October 13, 1998, National Hydro, exemptee for the Gregg's Falls Project, FERC No. 3180, filed as-built capacities for generator and turbine units to amend its exemption. The project is located on the Piscataquog River in Hillsborough County, New Hampshire.

BACKGROUND

On July 21, 1983, the Commission granted an exemption for the project. 1/ The exemption authorizes two generating units with a total installed capacity of 3,820 kW.

On September 1, 1998, the Commission's New York Regional Office performed an operation inspection of the project. The inspection found that the project's installed generating capacity is 3,474 kW. By letter dated October 2, 1998, the Commission requested the exemptee to provide information regarding the installed generating capacities and as-built project features.

REVIEW

In accordance with the Commission's March 22, 1995, rulemaking on Charges and Fees for Hydroelectric Projects, 2/ the project's authorized installed capacity is based on "... the lesser of the ratings of the generator (G) or turbine (T) units." The capacities of the generator and turbine units are listed in the following table, therefore, the project's authorized installed generating capacity is 3,479 kW.

Unit	Turbine Capacity (kW)	Generator Capacity (kW)	Generator Capacity (kW)
#1	2,195	2,169	2,169 (G)
#2	1,310	1,314	1,310 (T)
Total	3,505	3,483	3,479

1/ 24 FERC ¶62,076.

2/ See Order No. 576, 60 FR 15040 (March 22, 1995), FERC Stats & Regs. The order became effective on April 21, 1995.

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In addition, when the exemption was issued, it authorized raising the concrete spillway crest by one foot and the installation of six-inch-high flashboards. The spillway crest was not raised one foot, instead, 1.5 feet flashboards were installed to achieve the authorized reservoir water level.

The exemptee's filing also reported that it had the existing concrete spillway crest elevation surveyed and found it to be 271.1 feet NGVD, instead of 271.5 feet as described in the exemption. Accordingly, the normal maximum surface elevation would be 272.6 feet NGVD, which is 0.4 foot lower than the authorized elevation of 273.0 feet NGVD.

Our review found that a minor decrease of the project's installed capacity or the substitution of flashboards for raising the spillway does not materially affect any terms and conditions of the exemption. This order also requires the exemptee to revise the exhibits B and G drawings (FERC Drawings 3180-1, 3180-2, and 3180-3) to reflect the as-built project condition, including the spillway crest and flashboards.

The Director orders:

(A) The exemption for the Gregg's Falls Project, FERC No. 3180, is amended as provided by this order, effective the first day of the month in which this order is issued.

(B) The Description of Project of the exemption in Appendix A is revised, in part, to read as follows:

j(6) an existing powerhouse containing 2 turbines and 2 new generators with a total installed capacity of 3,479 kW;

j(8) a new 100-foot-long transmission line. The concrete spillway crest elevation remains unchanged at 271.1 feet NGVD, and is topped by 1.5-foot-high flashboards which raise the normal maximum surface elevation to 272.6 feet NGVD and increase the reservoir's storage capacity to approximately 3,650 acre-feet.

(C) Within 90 days from the issuance date of this order, the exemptee shall file with the Commission an original and three copies of photographs showing the nameplates affixed to the Gregg's Falls Project's turbine and generator. The exemptee shall also send a copy of the photographs to the Commission's New York Regional Office.

(D) Within 120 days of the date of issuance of this order, the exemptee shall file with the Commission three copies of as-built exhibits B and G drawings for approval.