

134 FERC ¶ 62,152
UNITED STATES OF AMERICA
FEDERAL ENERGY REGULATORY COMMISSION

PacifiCorp

Project No. 1927-128

ORDER AMENDING LICENSE & REVISING ANNUAL CHARGES

(Issued February 17, 2011)

1. On July 6, 2010, and supplemented on November 3, November 15, and December 1, 2010, PacifiCorp, licensee for the North Umpqua Hydroelectric Project No. 1927, filed revised Exhibits A and F for the Lemolo No. 2 Development.¹ The project is located on the North Umpqua River and two of its tributaries, the Clearwater River and Fish Creek, in Douglas County, approximately 60 miles east of Roseburg in southwestern Oregon. The project is located partially on lands administered by the U.S. Forest Service and the U.S. Bureau of Land Management.

Background

2. The North Umpqua Hydroelectric project consists of the Lemolo No. 2 Development and seven additional developments, with a total authorized installed capacity of 188,660 kW. The Lemolo No. 2 Development has, among other features, a powerhouse containing a single vertical shaft Francis-type turbine and generator with a rated capacity of 33,000 kW.

Filing

3. The licensee's July 6, 2010, filing included a photograph of the generator nameplate and a table describing the increase in turbine and generator ratings as a result of a runner replacement completed in 2009. The filing states the work also included installing new seals, wicket gates, gate bushings, facing plates, lube oil system, and generator protective relays. In addition, the generator stator was rewound, a new step-up transformer was installed, and portions of the draft tube were refurbished. The turbine upgrade resulted in the Lemolo No. 2 Development hydraulic capacity increasing from 655 cubic feet per second (cfs) to 715 cfs. The licensee's November 3, 2010, supplemental filing contained a revised section 3.2 of the project's Exhibit A, and the November 15, 2010, supplemental filing contained revised Exhibits F-16 and F-17 drawings. Section 3.2 of the Exhibit A contains a description of the Lemolo No. 2 Development and Exhibits F-16 and F-17 depict plan and section views of the Lemolo No. 2 powerhouse.

¹ 105 FERC ¶ 61, 237 (2003).

Review

A. Installed and Hydraulic Capacities

4. The following table summarizes the changes to the nameplate capacities at the Lemolo No. 2 Development.² The hydraulic capacity of the development will increase from 655 cfs to 715 cfs.³ As a result of this upgrade, the total authorized installed capacity of the project will increase from 188,660 kW to 194,210 kW. Consequently, we are including ordering paragraphs (B) and (C) to reflect the revisions to the project description and annual charges, respectively. In accordance with 18 C.F.R. of the Commission's regulations at section 11.1(c)(5), the effective date for the revised annual charges would be June 1, 2009, which is the date of commencement of construction of upgrading the unit at Lemolo No. 2 Development.

Lemolo No. 2	Before Upgrade	After Upgrade
Turbine	34.3 MW @ 705 ft (46,000 hp)	38.55 MW @ 720 ft (51,696 hp)
Generator	33 MW 34,740 kVA @ 0.95 PF	42.75 MW 45,000 kVA @ 0.95 PF
Authorized Installed Capacity	33 MW	38.55 MW

B. Exhibits A & F

5. We have reviewed the revised Section 3.2 of Exhibit A, filed November 3, 2010, and found it adequately describes the changes made at the Lemolo No. 2 Development. The revised section of the Exhibit A conforms to the Commission's rules and regulations and is approved by this order. The previous Section 3.2 of Exhibit A, approved by an Order Approving Settlement Offer and Issuing New License, issued November 18, 2003, is superseded by this order.⁴ In ordering paragraph (D) we are approving the pertinent revised section of the Exhibit A.

6. We have reviewed the new Exhibit F drawings, filed November 15, 2010, and found they accurately reflect the changes that have been made at the Lemolo No. 2 Development. The Exhibit F drawings conform to the Commission's rules and regulations and are approved by this order. In ordering paragraph (E) we are approving

² Authorized installed capacity is the lesser of the ratings of the generator or turbine unit, as defined by 18 CFR § 11.1(2)(i).

³ We have reviewed the increase in hydraulic capacity and have determined that this change will not adversely affect environmental resources.

⁴ 126 FERC ¶ 62,092 (2009).

the revised Exhibit F drawings. In ordering paragraph (F) we are requiring the licensee to file the approved exhibit drawings in aperture card and electronic file formats.

The Director orders:

(A) The license for the North Umpqua Project is amended as provided by this order, effective the first day of the month in which this order is issued.

(B) Ordering paragraph B(2) of the license is revised, in part, to read:

(2) Project works consist of:

The Lemolo No. 2 Development, consisting of: ...; (7) a reinforced concrete powerhouse containing a single vertical shaft Francis-type turbine and generator with a rated capacity of 38,550 kW and 720 feet of net head.

(C) Subparagraph (A) of Article 201 of the North Umpqua project license is amended to read:

(A) Reimbursing the United States for the cost of administration of Part I of the Federal Power Act, a reasonable amount as determined in accordance with the provisions of the Commission's regulations in effect from time to time. The authorized installed capacity for that purpose is 194,210 kilowatts, effective on June 1, 2009.

(D) The revised Section 3.2 of Exhibit A, filed November 3, 2010, describing the physical features of the Lemolo No. 2 Development, is approved and made a part of the license. The previous Section 3.2 of Exhibit A is eliminated from the license.

(E) The following Exhibit drawings are approved and made a part of the license:

Exhibit	FERC No.	Superseded No.	Title
F-16	1927-1301	1927-1118	Lemolo No. 2 Development Plans & Sections
F-17	1927-1302	1927-1119	Lemolo No. 2 Development Plans & Sections

(F) Within 45 days of the date of issuance of this order, the licensee shall file the approved exhibit drawings in aperture card and electronic file formats.

a) Three sets of the approved exhibit drawings shall be reproduced on silver or gelatin 35mm microfilm. All microfilm shall be mounted on type D (3-1/4" X 7-3/8") aperture cards. Prior to microfilming, the FERC Project-Drawing Number (i.e., P-1927-1301 and P-1927-1302) shall be shown in the margin below the title block of the approved drawing. After mounting, the FERC Drawing Number shall be typed on the upper right corner of each aperture card. Additionally, the Project Number, FERC Exhibit (i.e., F-16, F-17, etc.), Drawing Title, and date of this license shall be typed on the upper left corner of each aperture card. See Figure 1.

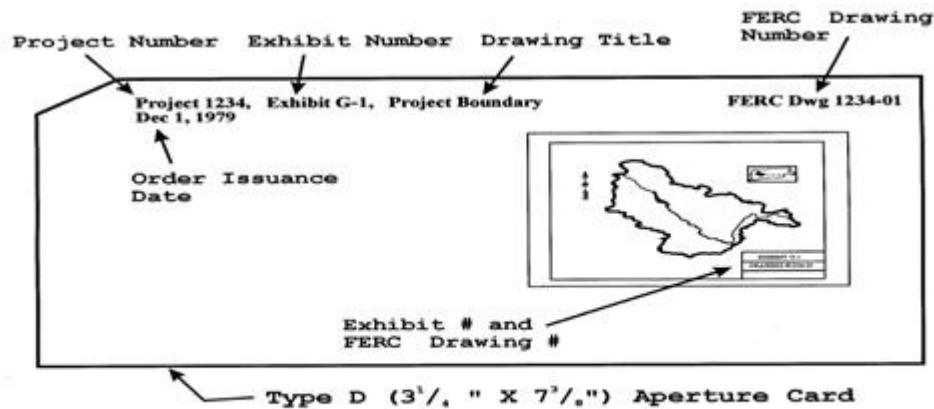


Figure 1 Sample Aperture Card Format

Two of the sets of aperture cards shall be filed with the Secretary of the Commission, ATTN: OEP/DHAC. The third set shall be filed with the Commission's Division of Dam Safety and Inspections Portland Regional Office.

(b) The licensee shall file two separate sets of exhibit drawings in electronic raster format with the Secretary of the Commission, ATTN: OEP/DHAC. A third set shall be filed with the Commission's Division of Dam Safety and Inspections Portland Regional Office. **Exhibit F drawings must be identified as (CEII) material under 18 CFR § 388.113(c).** Each drawing must be a separate electronic file, and the file name shall include: FERC Project-Drawing Number, FERC Exhibit, Drawing Title, date of this order, and file extension in the following format [P-1927-1301, F-16, Lemolo No. 2 Development Plans & Sections, MM-DD-YYYY.TIF]. Electronic drawings shall meet the following format specification:

IMAGERY - black & white raster file
 FILE TYPE – Tagged Image File Format, (TIFF) CCITT Group 4
 RESOLUTION – 300 dpi desired, (200 dpi min)

DRAWING SIZE FORMAT – 24” X 36” (min), 28” X 40” (max)
FILE SIZE – less than 1 MB desired

(G) This order constitutes final agency action. Any party may file a request for rehearing of this order within 30 days from the date of its issuance, as provided in section 313(a) of the FPA, 16 U.S.C. § 8251 (2006), and the Commission’s regulations 18 C.F.R. § 385.713 (2010). The filing of a request for rehearing does not operate as a stay of the effective date of this order, or of any other date specified in this order. The licensee’s failure to file a request for rehearing shall constitute acceptance of this order.

M. Joseph Fayyad
Engineering Team Lead
Division of Hydropower Administration
and Compliance