UNITED STATES OF AMERICA

BEFORE THE FEDERAL ENERGY REGULATORY COMMISSION

DRAFT APPLICATION FOR NEW LICENSE FOR MAJOR PROJECT - EXISTING DAM

EXHIBIT C – CONSTRUCTION HISTORY / PROPOSED CONSTRUCTION

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VISCHER FERRY HYDROELECTRIC PROJECT RELICENSING FERC NO. 4679




NEW YORK STATE OF OPPORTUNITY. | NY Power Authority

Table of Contents

1 Introduction 1
2 Construction History (18 CFR Section 4.51(d)(1)) 2
2.1 Original Construction and Modifications 2
2.2 Project Schedule for New Development (18 CFR Section 4.51(d)(2)) 3

List of Figures

Figure 2-1 Major Project Facilities of the Vischer Ferry Project 2

List of Tables

Table 2-1 Chronology of the Vischer Ferry Hydroelectric Project Construction and Modifications 3

1 Introduction

The Vischer Ferry Hydroelectric Project (Project) (FERC No. 4679) is an 11.8 MW conventional hydroelectric project located on the Mohawk River, approximately 14 miles upstream from its confluence with the Hudson River, and approximately 10 miles upstream of the Crescent Project (FERC No. 4678). The Vischer Ferry Project is located in Saratoga and Schenectady Counties, New York, in the Towns of Clifton Park and Niskayuna and the City of Schenectady. The Project is owned and operated by the Power Authority of the State of New York (d/b/a "New York Power Authority" and referred to as "the Power Authority").

This exhibit is required under the Federal Energy Regulatory Commission (FERC) regulations which can be found in Title 18 of the Code of Federal Regulations (CFR), Sections 4.51(d) and 5.18(a)(5)(iii). The information provided herein covers the specifics prescribed for Exhibit C and serves the purpose of providing the construction history of the Project.

2 Construction History (18 CFR Section 4.51(d)(1))

2.1 Original Construction and Modifications

Because this Application is not for an initial license, a "tabulated chronology of construction for the existing project structures" is not required under Section 4.51(d)(1) of the Commission's regulations.

By way of overview, the Vischer Ferry Project dam was designed in 1907. Construction of the dam was completed in 1913 as part of the extensive modifications made to upgrade the original Erie Canal. These modifications allowed canal traffic to navigate on the Mohawk River, except where channels were constructed to bypass natural barriers. In 1913, hydropower was harnessed at the site to power Lock 7.

In 1925, hydropower was generated at the Vischer Ferry Project when the current powerhouse was built. The powerhouse is located at the northern end of Dam F (Figure 2-1). The two original Francis units, Units 1 and 2, were installed in 1925. The powerhouse was expanded in 1990 to include two Kaplan units, Units 3 and 4. Following the installation of the new units, the original Francis units, Units 1 and 2, were refurbished in 1993. Table 2-1 provides a chronology of Project construction and modifications.

Figure 2-1 Major Project Facilities of the Vischer Ferry Project

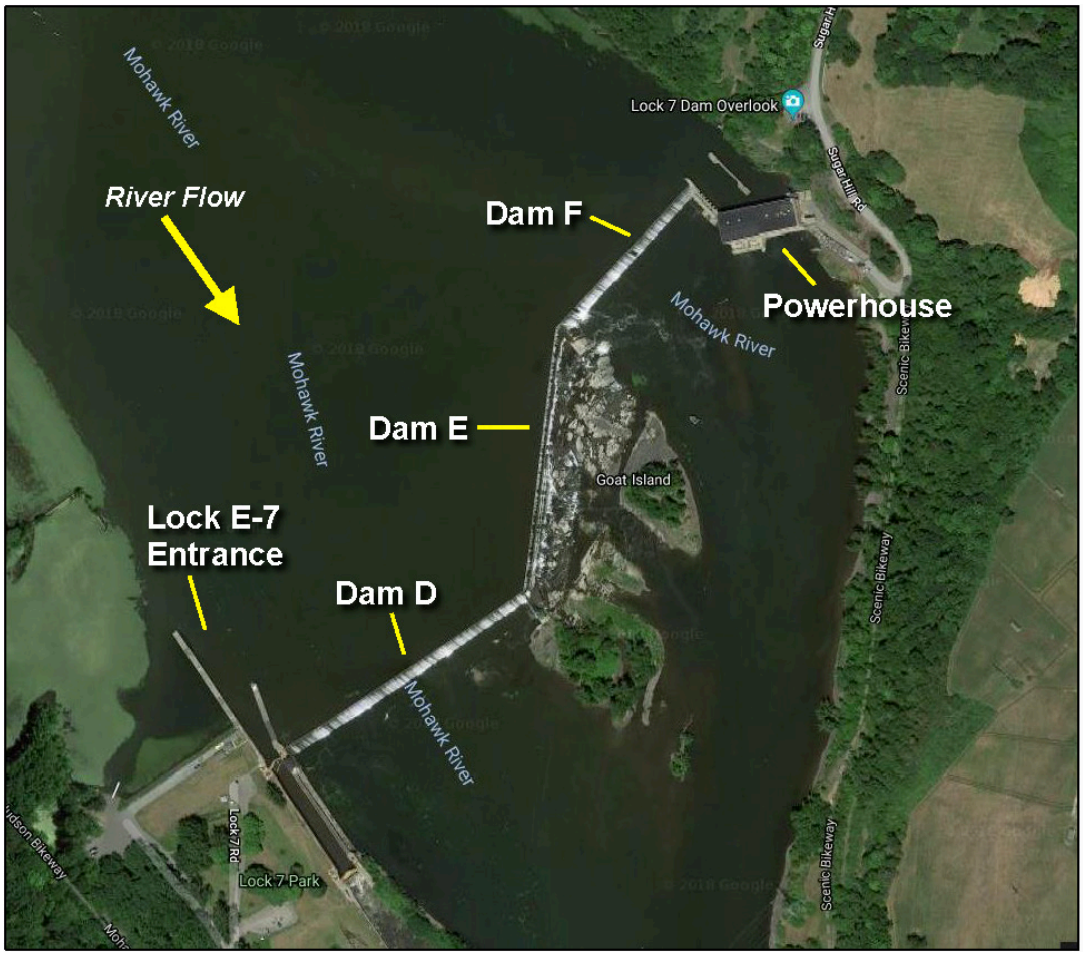

Table 2-1 Chronology of the Vischer Ferry Hydroelectric Project Construction and Modifications

Event	Date
Design and Construction of the Vischer Ferry Dam	1907-1913
Hydropower harnessed at the Vischer Ferry Hydroelectric Project	1913
Current powerhouse, located on the northern bank, was built	1925
Powerhouse expanded (to include the two Kaplan units, Units 3 and 4)	1990
Overhaul of the two original Francis turbine-generators, Units 1 and 2	1993
The two Kaplan turbines were refurbished as part of a Life Extension and Modernizations project. In addition, Turbine generator control equipment was upgraded for all units.	2017

2.2 Project Schedule for New Development (18 CFR Section 4.51(d)(2))

The Power Authority does not propose any new development for the Vischer Ferry Project as part of this Application. Accordingly, Section 4.51(d)(2) of the Commission's regulations do not require a proposed schedule for post-relicensing construction.