

Notice of Application Ready for Environmental Analysis

June 14, 1995.

Take notice that the following hydroelectric application has been filed with the Commission and is available for public inspection:

- a. *Type of Application:* New Major License.
- b. *Project No.:* 2645-029.
- c. *Date Filed:* November 9, 1991.
- d. *Applicant:* Niagara Mohawk Power Corporation.
- e. *Name of Project:* Beaver River Hydro Project.
- f. *Location:* On the Beaver River, tributary to the Black River, in Herkimer and Lewis Counties, New York.
- g. *Filed Pursuant to:* Federal Power Act, 16 U.S.C. 791(a)-825(r).
- h. *Applicant Contact:* Mr. Jerry Sabattis, Hydro Licensing Coordinator, Niagara Mohawk Power Corporation, 300 Erie Boulevard West, Syracuse, NY 13202, (315) 474-1511.
- i. *FERC Contact:* Tom Camp (202) 219-2832.

j. *Deadline Date:* The Director, Office of Hydropower Licensing, waives section 4.34(b) of the regulations (see Order No. 533 issued May 8, 1991, 56 FR 23108 (May 20, 1991)), and states that all comments, recommendations, terms and conditions and prescriptions concerning the application be filed with the Commission within 30 days from the issuance date of this notice. All reply comments must be filed with the Commission within 45 days from the date of this notice.

Anyone may obtain an extension of time for these deadlines from the Commission only upon a showing of good cause or extraordinary circumstances in accordance with 18 CFR 385.2008.

All filings must: (1) bear in all capital letters the title "COMMENTS," "REPLY COMMENTS," "RECOMMENDATIONS," "TERMS AND CONDITIONS," or "PRESCRIPTIONS;" (2) set forth in the heading the name of the applicant and the project number of the application to which the filing responds; (3) furnish the name, address, and telephone number of the person submitting the filing; and (4) otherwise comply with the requirements of 18 CFR 385.2001 through 385.2005. All comments, recommendations, terms and conditions or prescriptions must set forth their evidentiary basis and otherwise comply with the requirements of 18 CFR 4.34(b). Agencies may obtain copies of the application directly from the applicant. Any of these documents must be filed by providing the original and the

number of copies required by the Commission's regulations to: Secretary, Federal Energy Regulatory Commission, 825 North Capitol Street, N.E., Washington, D.C. 20426. An additional copy must be sent to: Director, Division of Project Review, Office of Hydropower Licensing, Federal Energy Regulatory Commission, Room 1027, at the above address. Each filing must be accompanied by proof of service on all persons listed on the service list prepared by the Commission in this proceeding, in accordance with 18 CFR 4.34(b) and 385.2010.

k. *Status of Environmental Analysis:* This application has been accepted for filing and is ready for environmental analysis at this time.

l. *Description of Project:* The existing Beaver River Project consists of the following eight developments on the Beaver River in the towns of Webb, Watson, and Croghan. High Falls is 11 river miles above Beaver River's confluence with the Black River.

High Falls Development

The High Falls Development includes: (1) A 1,233-foot-long concrete gravity dam containing a 470-foot-long non-overflow concrete gravity section and a 650-foot-long concrete ogee spillway; (2) an impoundment which, at the normal maximum surface elevation of 915 feet (USGS), has a surface area of 145 acres, a gross storage capacity of 1,058 ac-ft, and a usable capacity of 923 ac-ft; (3) a 64-foot-wide by 29-foot-high concrete intake structure containing four 12-foot-wide by 20.5-foot-high trashracks and four steel slide gates; (4) a 49-foot-wide log sluice that has been sealed; (5) a 605-foot-long by 12-foot-diameter riveted steel penstock; (6) a 34-foot-wide by 99-foot-long concrete/masonry powerhouse containing three vertical Francis turbines connected to direct-drive synchronous generators, each with a rated capacity of 1,600 kW, a hydraulic capacity of 300 cfs, and a design head of 100 feet; (7) a spare turbine bay for future expansion; (8) a 3.7-mile-long, 23 kV transmission line; and (9) appurtenant equipment.

Belfort Development

The Belfort Development includes: (1) A 206-foot-long by 19-foot-high concrete gravity dam consisting of a 161-foot-long by 17-foot-high concrete ogee spillway equipped with 2-foot-high flashboards; (2) an impoundment which, at the normal maximum surface elevation of 966 feet (USGS), has a surface area of 50 acres, a gross storage capacity of 120 ac-ft, and a usable capacity of 47 ac-ft; (3) a 120-foot-long forebay; (4) a 62-foot-wide concrete

intake structure containing one 12-foot-wide by 17-foot-high trashrack, one 12-foot-wide by 23-foot-high trashrack, and two 11-foot by 11-foot timber slide gates; (5) one 52-foot-long by 7-foot-diameter steel penstock and one 52-foot-long by 7.5-foot-diameter steel penstock; (6) a 78-foot-wide by 39-foot-long concrete masonry powerhouse containing three horizontal Francis turbines connected to direct-drive synchronous generators, with a rated capacity of 400 kW (unit 1), 640 kW (unit 2), and 1,000 kW (unit 3), with hydraulic capacities of 200 cfs (units 1 and 2) and 310 cfs (unit 3), each with a design head of 48 feet; (7) a 400-foot-long tailrace channel; (8) an existing 3,540-foot-long, 23 kV transmission line; and (9) appurtenant equipment.

Taylorville Development

The Taylorville Development includes: (1) A 1,003-foot-long by 23-foot-high concrete gravity dam; (2) an impoundment which, at the normal maximum surface elevation of 1,076.6 feet (USGS), has a surface area of 170 acres, a gross storage capacity of 1,091 ac-ft, and a usable capacity of 685 ac-ft; (3) a 33-foot-wide concrete intake structure containing a 25-foot-wide by 20-foot-high trashrack and three 5.5-foot-wide by 13-foot-high timber slide gates; (4) a 2,725-foot-long by 9.5-foot-diameter steel penstock; (5) an 18-foot-diameter surge tank located about 40 feet upstream of the powerhouse; (6) a 93-foot-wide by 62.5-foot-long concrete/masonry powerhouse containing four horizontal Francis turbines connected to direct-drive synchronous generators, with rated capacities of 1,100 kW (units 1 and 2), 1,372 kW (unit 3), and 1,200 kW (unit 4), each with a hydraulic capacity of 180 cfs, and a design head of 96.6 feet; (7) a 400-foot-long, 23 kV transmission line; and (8) appurtenant equipment.

Elmer Development

The Elmer Development includes: (1) A 238-foot-long by 23-foot-high concrete gravity spillway; (2) a 25-foot-wide sluice gate with needle beams; (3) an impoundment which, at the normal maximum surface elevation of 1,108 feet (USGS), has a surface area of 34 acres, a gross storage capacity of 345 ac-ft, and a usable capacity of 207 ac-ft; (4) a forebay; (5) a 39-foot-wide concrete intake structure containing two 16.5-foot-wide by 21.5-foot-high trashracks and four 6-foot-wide by 11-foot-high timber slide gates; (6) a 78-foot-wide by 34-foot-long concrete/masonry powerhouse containing two vertical Francis turbine connected to direct-drive synchronous generators, each with