

FILED ELECTRONICALLY

September 17, 2012

Honorable Kimberly D. Bose
Secretary
Federal Energy Regulatory Commission
888 First Street, NE
Washington, DC 20426

**SUBJECT: BRADDOCK LOCKS AND DAM HYDROELECTRIC PROJECT
APPLICATION FOR ORIGINAL LICENSE
(FERC No. 13739)**

Dear Secretary Bose:

Lock+™ Hydro Friends Fund XLII (Hydro Friends Fund), a wholly owned project development entity of Hydro Green Energy, LLC of Westmont, Illinois, is hereby applying for an original 50-year license for the Braddock Locks and Dam Hydroelectric Project (FERC Project No. 13739) (Project), and requests timely issuance of an original 50-year license. Please note that Hydro Green Energy, LLC is acting as the Agent for Hydro Friends Fund on all licensing activities.

Hydro Friends Fund is distributing electronic copies of this License Application to the entities listed on the attached distribution list. In addition, a copy of these documents will be made available by Hydro Friends Fund through the following web site: www.hgenergy.com.

In conjunction with the electronic filing of this License Application, Hydro Friends Fund is providing the Commission with two courtesy copies of the License Application.

The following provides a summary of the documents associated with this License Application.

Volume I contains the public Exhibits and information associated with this License Application, which includes the following.

- **Table of Contents**
- **Initial Statement**
- **Exhibit A – Project Description:** Describes the proposed Project facilities.
- **Exhibit E – Environmental Report:** Discusses the existing environmental, recreational, cultural, and land resources in the vicinity of the Project.
- **Exhibit G – Project Map:** Includes a project map showing the Project boundary for the Braddock Locks and Dam Hydroelectric Project.

- **Appendices** – Due to file size, the following Volume I appendices are being e-filed and distributed to Project Stakeholders as separate documents:
 - **Appendix E-1a – Water Quality Study Report**
 - **Appendix E-2 – Fish Entrainment and Survival Assessment Report**

VOLUME II OF II (CONTAINS CEII – NOT FOR PUBLIC RELEASE)

Volume II contains the Exhibit F general design drawings and the Preliminary Supporting Design Report (PSDR) for the Project. Consistent with 18 CFR Part 388, given that these drawings and PSDR contain Critical Energy Infrastructure Information (CEII), Hydro Friends Fund is requesting that the documents contained in this volume be given privileged treatment and not be released to the public. Therefore, this volume is being filed with the Commission under separate cover and is not being distributed to the public.

FILING OF THE FINAL LICENSE APPLICATION

As defined further in Appendix E-3, Hydro Friends Fund has been engaged in direct consultation with the parties who have expressed interest in the proposed Project. In particular, following the March 7, 2012 Joint Agency/Public Meetings, Hydro Friends Fund has been engaged in substantive consultation with the key Federal and State agencies involved in the review of the proposed projects – the U.S. Army Corps of Engineers (USACE), Pennsylvania Department of Environmental Protection (PADEP), U.S. Fish and Wildlife Service (USFWS), and Pennsylvania Fish and Boat Commission (PAFBC).

In lieu of filing a draft license application with the Commission, Hydro Friends Fund is filing a final license application at this time. The decision to file a final license application is based on the high level of consultation and study work performed to date. In particular, through a series of emails and a mailing starting on August 8, 2012, Hydro Friends Fund distributed a draft version of the license application and associated study reports to USACE, PADEP, USFWS, and PAFBC (i.e., the parties who have indicated interest in the project). Subsequent to this distribution, Hydro Friends Fund met in Pennsylvania with representatives of the USACE on August 29th to review the project and on August 30th with USACE, USFWS, and PADEP to walk the parties through the content of the application and the study reports, and to discuss the project in detail.

During these meetings, Hydro Friends Fund requested if the parties would concur with the filing of the license application and study reports with the Commission as final in order to initiate the formal comment periods and formal National Environmental Policy Act (NEPA) activities under the Traditional Licensing Process. Following the August 30th meeting, Hydro Friends Fund received correspondence from USFWS, PADEP and USACE (see Appendix E-3 for copies of the correspondence) indicating that these parties are comfortable with the level of consultation to date and are in agreement with filing the license application at this time, as compared to initiating an additional draft application comment period.

Therefore, Hydro Friends Fund seeks the Commission's acceptance of the final application at this point in time so that the formal comment process at the Commission may begin, and so

Hydro Friends Fund may turn its immediate focus to beginning the approval processes associated with the Commonwealth of Pennsylvania (i.e., 401), as well as the Corps of Engineers (i.e., 404 and 408).

As the Commission is aware, to demonstrate new, innovative, low-impact approaches to developing hydropower at non-powered dams, the United States Department of Energy (DOE) in 2011 awarded \$1.5 million in competitive grants to Hydro Green Energy for the Braddock Project. This DOE funding, which could expire in early 2014, is critical to the project's economic performance, as is the Federal Section 45 Production Tax Credit, which expires 12/31/2013. The Applicant appreciates the Commission's understanding of the importance of these renewable energy incentives and looks forward to working with the Commission and other stakeholders to ensure a timely, thoughtful review and approval of the Braddock Project.

If there are any questions or comments regarding the license application or the proposed project, please do not hesitate to contact me at (877) 556-6566 x-711 or via email at mark@hgenergy.com

Sincerely,

A handwritten signature in black ink, appearing to read 'Mark R. Stover', with a horizontal line extending to the right.

Mark R. Stover
Vice President of Corporate Affairs, Hydro Green Energy, LLC
Designated Representative of Lock+™ Hydro Friends Fund XLII

cc: Attached Distribution List

Enclosures

Distribution List for the Braddock Locks and Dam Hydroelectric Project (FERC No. 13739)

Cynthia Wilkerson, Northeast Regional Director
National Park Service, Northeast Regional Office
Custom House
200 Chestnut St., Fifth Floor
Philadelphia, PA 19106-2913

National Wildlife Federation
11100 Wildlife Center Drive
Reston, VA 20190-5362

Western PA Conservancy
800 Waterfront Drive
Pittsburgh, PA 15222

Governor
Office of the Governor
Main Capitol Building Room 225
Harrisburg PA 17120

Ohio River Basin Commission
403 Bradley Hall
Lexington KY 40506-0058

Jason Heath,
Ohio River Valley Water Sanitation Commission
5735 Kellogg Ave.
Cincinnati, OH 45228

Ohio River Watershed Summit
West Virginia Rivers Coalition
329 Davis Avenue, Suite 7
Elkins, WV 26241

Jesse Bergevin, Historical Researcher/ Archaeologist
Oneida Indian Nation, Legal Department
1256 Union Street
PO Box 662
Oneida, NY 13421-0662

Richard Hill,
Oneida Tribe of Indians of Wisconsin
P.O. Box 365
Oneida, WI 54155-0365

Chief
Onondaga Indian Nation
RR#1 Box 319-B
Nedrow NY 13120

Penn Future
425 6th Ave., Suite 2770
Pittsburgh, PA 15219

Pennsylvania Association of Environmental
Professionals
174 Crestview Drive
Bellefonte, PA 16823

Pennsylvania Center for Water Resources Research
107 Land and Water Research Building
University Park, PA 16802

Pennsylvania Coastal Resources Mgmt. Program
P.O. Box 2063
400 Market St., 2nd Floor
Harrisburg, PA 17105

Pennsylvania Dept. of Agriculture
2301 N. Cameron St.
Harrisburg, PA 17105

Director
Pennsylvania Dept. of Conserv. & Natural Resources
PO Box 8551
Harrisburg PA 17105

Pennsylvania Dept. of Conserv. & Natural Resources
Bureau of Topographic and Geologic Survey
3240 Schoolhouse Road
Middletown, PA 17057

Pennsylvania Dept. of Conserv. & Natural Resources
Rachel Carson State Office Building
400 Market St.
P.O. Box 8767
Harrisburg, PA 17105-8767

Pennsylvania Dept. of Conserv. & Natural Resources
Bureau of Recreation & Conserv.-Southwest Region
301 Fifth Avenue, Suite 324
Pittsburgh, PA 15222-2420

Hoss Liaghat,
Pennsylvania Dept. of Environmental Protection
400 Market Street
Harrisburg, PA 17105

Director
Pennsylvania Dept. of Environmental Protection
P.O. Box 8460
Harrisburg, PA 17105

Joseph Snyder
Pennsylvania Dept. of Environmental Protection
Southwest Regional Office
400 Waterfront Dr.
Pittsburgh, PA 15222

Pennsylvania Environmental Council
Southwest Regional Office
22 Terminal Way
Pittsburgh, PA 15219

Pennsylvania Fish and Boat Commission
1601 Elmeron Ave.
Harrisburg, PA 17110

Pennsylvania Fish and Boat Commission
PO Box 67000
Harrisburg, PA 17106-7000

Pennsylvania Fish and Boat Commission
450 Robinson Lane
Bellefonte, PA 16823

Bob Ventorini
Pennsylvania Fish and Boat Commission
Southwest Regional Office
236 Lake Road
Somerset, PA 15501

Pennsylvania Game Commission
2001 Elmeron Ave.
Harrisburg, PA 17110

Pennsylvania Game Commission
Southwest Regional Office
4820 Route 711
Bolivar, PA 15923

Pennsylvania Historical and Museum Commission
Bureau for Historic Preservation
Commonwealth Keystone Building, Second Floor
400 North St.
Harrisburg, PA 17120-0093

Distribution List for the Braddock Locks and Dam Hydroelectric Project (FERC No. 13739)

Pennsylvania Office of Attorney General
16th Floor
Strawberry Square
Harrisburg, PA 17120

Attorney General
Pennsylvania Office of the Attorney General
16th Floor Strawberry Square
Harrisburg, PA 17120

Executive Director
Pennsylvania Organization for Watersheds and Rivers
610 North Third St.
Harrisburg, PA 17101

Pittsburgh Trails Advocacy Group
P.O. Box 233
Rural Ridge, PA 15075

Marian Crossman,
Rachel Carson Trails Conservancy, Inc.
P.O. Box 35
Warrendale, PA 15086

River Network
7132 Pea Neck Road
St. Michaels, MD 21663

Arnold Printup,
Saint Regis Mohawk Tribe
Tribal Historic Preservation Office
412 State Route 37
Akwasasne, NY 13655

Gerald LaValle, State Senator
James R. Brewster, State Senator
Pennsylvania State Senate
One Monroeville Center
3824 Northern Pike, Suite 350
Monroeville, PA 15146

Sen. Jay Costa
Pennsylvania State Senate
1501 Ardmore Blvd., Suite 403
Pittsburgh, PA 15221-4401

Sen. Patrick J. Toomey, U.S. Senator
U.S. Senate
100 West Station Square Dr., Suite 225
Pittsburgh, PA 15219

Sen. Robert Casey, Jr., U.S. Senator
U.S. Senate
425 Sixth Avenue, Suite 2490
Pittsburgh, PA 15219

Seneca Nation of Indians
12837 Route 438
Irving, NY 14081

Paul Spicer, Chief
Seneca-Cayuga Tribe of Oklahoma
23701 South 655 Road
Grove, OK 74344

Tribal Historic Preservation Officer
Shawnee Tribe
PO Box 189
Miami OK 74355

Sierra Club
85 Second St., Second Floor
San Francisco, CA 94105

Sierra Club Allegheny Group
3109 Forbes Ave., Suite 100
Pittsburgh, PA 15213

Kimberly Vele,
Stockbridge Munsee Community of Wisconsin
N8476 Mo He Con Nuck Road
Bowler, WI 54416

Susquehanna River Basin Commission
1721 N Front St.
Harrisburg, PA 17102

Sustainable Pittsburgh
425 Sixth Ave., Suite 1335
Pittsburgh, PA 15219

Roy Kraynyk, Executive Director
The Allegheny Land Trust
409 Board St., Suite 206A
Sewickley, PA 15143

The Allegheny Trail Alliance
P.O. Box 501
Latrobe, PA 15650

The Allegheny Valley Trails Association
P.O. Box 264
Franklin, PA 16323

The Allegheny Watershed Network
22 Terminal Way
Pittsburgh, PA 15219

The Alliance for Aquatic Resource Monitoring
Dickinson College-Environmental Studies Dept.
College & Louthier St.
P.O. Box 1773
Carlisle, PA 17013

The American Waterways Operators
801 North Quincy St., Suite 200
Arlington, VA 22203

John Dawes,
The Foundation for Pennsylvania Watersheds
9697 Loop Road
Alexandria, PA 16611

The National Organization for Rivers
212 West Chyenne Mountain
Colorado Springs, CO 80906

The Nature Conservancy
4245 North Fedirfedx Drive, Suite 100
Arlington, VA 22203

Tonawanda Band of Senecas
7027 Meadville Road
Basom, NY 14013

Township of North Versailles
1401 Greensburg Avenue
North Versailles, PA 15137

Distribution List for the Braddock Locks and Dam Hydroelectric Project (FERC No. 13739)

Township of O'Hara Township
325 Fox Chapel Road
O'Hara Township, PA 15238

Township of Shaler Township
300 Wetzel Road
Glenshaw, PA 15116

Steve Moyer,
Trout Unlimited
1500 Wilson Blvd. #310
Arlington, VA 22209-2404

Chief Leo R. Henry
Tuscarora Nation
2006 Mount Hope Road
Lewiston, NY 14092

Chief
Tuscarora Nation
5616 Walmore Road
Lewistown NY 14092

Commander
U.S. Army Corps of Engineers
North Atlantic Division
26 Federal Plz, #2109
New York, NY 10278

Christine Lewis-Coker, Hydraulic Engineer
U.S. Army Corps of Engineers
USACE Wanamaker Building
100 Penn Square East
Philadelphia, PA 19107

U.S. Army Corps of Engineers
Office of the Chief of Army Engineers
441 G. St., NW
Washington, DC 20314-1000

District Engineer
U.S. Army Corps of Engineers, Pittsburgh District
2200 William S. Moorhead Federal Building
1000 Liberty Ave.
Pittsburgh PA 15222-4186

Jeff Benedict
U.S. Army Corps of Engineers
2200 W. S. Moorhead Federal Bldg
1000 Liberty Ave.
Pittsburgh, PA 15222

Office of the Solicitor
U.S. Bureau of Indian Affairs
1849 C St., NW, MS 6557
Washington DC 20240

U.S. Bureau of Indian Affairs
Eastern Regional Office
545 Marriott Dr., Suite 700
Nashville, TN 37214

Bob Dach, Hydropower Program Manager
U.S. Bureau of Indian Affairs, Natural Resources
911 NE 11th Avenue
Portland, OR 97232

U.S. Coast Guard, MSO Pittsburgh
Kossman Bldg.
100 Forbes Avenue, Suite 1150
Pittsburgh, PA 15222

U.S. Coast Guard, MSO Philadelphia
1 Washington Ave
Philadelphia, PA 19147

Commanding Officer
U.S. Coast Guard, MSO Buffalo
1 Fuhrmann Blvd
Buffalo, NY 14203

Michael Chezik, Regional Environmental Officer
U.S. Department of the Interior
200 Chestnut St., Room 244
Philadelphia, PA 19106

U.S. Dept. of Energy
Philadelphia Regional Office
Wanamaker Building
100 Penn Square East, Suite 890
Philadelphia, PA 19107-3396

Commissioner
U.S. Dept. of Interior, Bureau of Reclamation
1849 C St., NW
Washington, DC 20240-0001

Section Chief
U.S. Environmental Protection Agency, Region 3
1650 Arch St
Philadelphia, PA 19103-2029

Marvin Moriarty, Regional Director
U.S. Fish and Wildlife Service, Regional Office
300 Westgate Center Dr
Hadley, MA 01035

Lora Zimmerman
U.S. Fish and Wildlife Service
Pennsylvania Field Office
315 S Allen St., Suite 322
State College, PA 16801

U.S. Fish and Wildlife Service
Mid-Atlantic Fishery Resources Office
Fish and Wildlife Management Assistance Office
P.O. Box 67000
Harrisburg, PA 17106-7000

U.S. Forest Service
Northeast Regional Office
310 W. Wisconsin Ave., Room 580
Milwaukee, WI 53203

U.S. Forest Service
S.R. Yates Federal Bldg.
201 14th St. SW
Washington, DC 20090

U.S. Geological Survey
Water Science Center
1000 Church Hill Road
Pittsburgh, PA 15205

Venture Outdoors
304 Forbes Ave., 2nd Floor
Pittsburgh, PA 15222

Water Resources Education Network
226 Forster St.
Harrisburg, PA 17102

Cheryll Cranmer, Executive Director
Waterways Association of Pittsburgh
P.O. Box 534
Lyndora, PA 16045

Waterways Council
801 North Quincy St., Suite 200
Arlington, VA 22203