

# THE SOUTHEAST ALASKA POWER AGENCY

1900 First Avenue  
Suite 318  
Ketchikan, Alaska 99901



Phone: 907.228.2281

Fax: 907.225.2287

[www.seapahydro.org](http://www.seapahydro.org)

---

July 21, 2014

Kimberly D. Bose, Secretary  
Federal Energy Regulatory Commission  
Attn. OEP/DHAC  
888 First Street, NE  
Washington, DC 20426

**FERC Project No. 2911**  
**Swan Lake Hydroelectric Project**

**Re: Final Application for Non-Capacity Amendment: Swan Lake Expansion**

Dear Secretary Bose:

In accordance with 18 CFR, Part 4, Subpart D, §4.38(d), the Southeast Alaska Power Agency (SEAPA) is hereby filing with the Federal Energy Regulatory Commission (FERC) the final license amendment application and environmental assessment for a non-capacity license amendment for the Swan Lake Hydroelectric Project (Project).

The purpose of the application is to amend the Project description and the authorized normal maximum reservoir elevation; the applicant proposes to modify the existing Swan Lake Dam to increase reservoir storage capacity by approximately 25.4%. As a result of the Proposed Action, the reservoir's maximum operating pool elevation would increase from 330 feet Mean Sea Level (MSL) to 345 feet MSL, thereby inundating approximately 93 additional acres surrounding the reservoir. No change to the existing FERC boundary is necessary to accommodate this action. Increasing the storage capacity of the Project would provide an average increase of 7,500,000 kilowatt hours (kWh) of winter generation for the Ketchikan to Petersburg service area.

## SOUTHEAST ALASKA POWER AGENCY

Swan Lake Expansion Project  
Final Amendment Application  
Page 2

Because the Project involves modification of an existing dam licensed by FERC, an amendment to Project No. 2911's FERC license is required. This type of licensing action is subject to a three-stage consultation process for filing a non-capacity license amendment application to FERC, as specified in 18 CFR 4.38.

SEAPA consulted with state and federal resource agencies and interested members of the public during the preparation of this license amendment application. SEAPA also consulted with FERC staff to ensure that the three-stage consultation process for the Project was conducted in accordance with FERC regulations. SEAPA filed an Initial Consultation Document (ICD) with FERC in support of this license amendment on April 15, 2013.

On June 23, 2013, SEAPA conducted a meeting to review the ICD and solicit comments from interested agencies, tribes, and members of the public. Based on comments received at that meeting, SEAPA filed the draft license amendment on March 9, 2014; this filing included the draft Initial Statement, a draft Applicant-Prepared Environmental Assessment (APEA), and revised exhibits. Comments were received from the U.S. Department of Agriculture, Forest Service (USFS). The comments received do not raise new or substantial concerns regarding the Project and are addressed in the license amendment application. A consultation summary is included in Appendix I of the APEA.

The filing of this license amendment application with FERC marks the initiation of the third-stage consultation. Included in this filing are the following:

- Initial Statement
- The following revised exhibits:

Exhibit	Title
E	Statement of the Nature, Extent, and Ownership of the Water Rights for the Project
H	Statement of the Proposed Operation of the Project During Periods of Low, Normal, and Flood Streamflow

SOUTHEAST ALASKA POWER AGENCY

Swan Lake Expansion Project  
Final Amendment Application  
Page 3

Exhibit	Title
I	Statement of the Estimated Dependable Capacity and the Average Annual Energy Produced by the Project
L	General Design Drawings (note: filed separately as critical energy infrastructure information [CEII])
M	General Description of Mechanical, Electrical, and Transmission Equipment
N	Estimated Cost of Project Development
O	Statement of the Estimated Time Required to Complete Project Works
W	Applicant-Prepared Environmental Assessment

The design depicted in the Exhibit L drawings, and described in Exhibit M are preliminary; they reflect input from SEAPA’s Board of Consultants. Certain details relating to management of the Probable Maximum Flood and gate design are subject to change; however, these details are unlikely to change the Proposed Action. The Commission’s Division of Dam Safety and Inspections and the Regional Engineer will be fully integrated into the design process.

If you have any questions, please feel free to contact me at 907.228.2281 or Eric Wolfe at 907.230.1424.

Respectfully,



Trey Acteson, Chief Executive Officer  
The Southeast Alaska Power Agency

cc: FERC Service List (see Enclosure 1, Certificate of Service)  
General Distribution List (Enclosure 2)


UNITED STATES OF AMERICA  
FEDERAL ENERGY REGULATORY COMMISSION

**CERTIFICATE OF SERVICE**

I HEREBY CERTIFY that I have served SEAPA's Final Non-Capacity Amendment for the Swan Lake Hydroelectric Project with the Federal Energy Regulatory Commission, at [www.ferc.gov](http://www.ferc.gov), and notified by electronic mail of the availability of said documents at [www.seapahydro.org/slhp.htm](http://www.seapahydro.org/slhp.htm) to the following listed Parties on the FERC Service List:

<b>Party</b>	<b>Primary Person or Counsel of Record to be Served</b>	<b>Other Contact to be Served</b>
Alaska Energy Authority	Sara Fisher-Goad, Executive Director Alaska Energy Authority 813 West Northern Lights Boulevard Anchorage, AK 99503 <a href="mailto:SFisherGoad@aidea.org">SFisherGoad@aidea.org</a>	
City of Ketchikan, Alaska	Frances Francis Spiegel & McDiarmid LLP 1875 Eye Street, NW, Suite 700 Washington, D.C. 20006 <a href="mailto:frances.francis@spiegelmcd.com">frances.francis@spiegelmcd.com</a>	Karl R Amylon, City Manager City of Ketchikan 334 Front Street Ketchikan, AK 99901 <a href="mailto:karla@city.ketchikan.ak.us">karla@city.ketchikan.ak.us</a>
Cook Inlet Region, Incorporated	Bruce Anders, Vice President General Counsel Cook Inlet Region, Inc. 2525 C Street, Suite 500 Anchorage, AK 99503 <a href="mailto:banders@ciri.com">banders@ciri.com</a>	Dara Glass, Land Manager Cook Inlet Region, Incorporated 2525 C Street, Suite 500 Anchorage, AK 99503 <a href="mailto:dglass@ciri.com">dglass@ciri.com</a>

Dated this 21st day of July 2014

  
\_\_\_\_\_  
Southeast Alaska Power Agency  
1900 First Avenue, Suite 318  
Ketchikan, AK 99901

Enclosure 2

Bureau of Indian Affairs  
U.S. Department of the Interior  
Attn: Regional Director  
P.O. Box 25520  
Juneau, AK 99802-5520

National Marine Fisheries Service  
Habitat Conservation Division  
P.O. Box 21668  
Juneau, AK 99802-1668

National Oceanic and Atmospheric Administration  
Attn: Administrator  
1401 Constitution Way NW, Room 6217  
Washington, DC 20230

National Oceanic and Atmospheric Administration  
Alaska Fisheries Science Center  
Attn: Alaska Region Director  
7600 Sand Point Way NE, Building 4  
Seattle, WA 98115

National Park Service  
U.S. Department of the Interior  
Attn: Alaska Area Region Director  
240 West 5<sup>th</sup> Avenue, Suite 114  
Anchorage, AK 99501

National Park Service  
U.S. Department of the Interior  
Attn: Headquarters Director  
1849 C Street NW  
Washington, DC 20240

U.S. Army Corps of Engineers  
Attn: Alaska District Engineer  
P.O. Box 6898  
Elmendorf AFB, AK 99506-0898

U.S. Bureau of Land Management  
U.S. Department of the Interior  
Attn: Alaska State Office State Director  
222 West 7<sup>th</sup> Avenue  
Anchorage, AK 99513-7599

U.S. Department of Agriculture - Forest Service  
Attn: Alaska Region 10- Regional Forester  
P.O. Box 21628  
Juneau, AK 99802-1628

U.S. Environmental Protection Agency  
Attn: Region 10 Administrator  
1200 Sixth Avenue  
Seattle, WA 98101

U.S. Fish and Wildlife Service  
Attn: Region 7 Director  
1011 East Tudor Road  
Anchorage, AK 99503

U.S. Fish and Wildlife Service  
Attn: Region 7 Field Supervisor  
605 West 4<sup>th</sup> Avenue, Room G-62  
Anchorage, AK 99501-2250

U.S. Fish and Wildlife Service  
U.S. Department of the Interior  
Attn: Director  
1849 C Street NW, Room 3238  
Washington, DC 20240-0001

United States Geological Survey  
Attn: Western Regional Director  
345 Middlefield Road  
Menlo Park, CA 94025

Hydropower Reform Coalition  
Attn: National Coordinator  
830 Reville St.  
Bellingham, WA 98229

Trout Unlimited  
227 SW Pine Street, Suite 200  
Portland, OR 97204

Alaska Department of Commerce  
Division of Community & Regional Affairs  
Attn: Deputy Director  
550 West 7<sup>th</sup> Ave, Suite 1770  
Anchorage, AK 99501-3569

U.S. Bureau of Land Management  
U.S. Department of the Interior  
Attn: State Director  
222 West 7<sup>th</sup> Avenue  
Anchorage, AK 99513-7599

Alaska Department of Environmental  
Conservation  
Division of Water - Compliance Program  
410 Willoughby Avenue, Suite 105  
Juneau, AK 99801-1795

Alaska Department of Fish and Game  
Attn: Monte D. Miller  
333 Raspberry Road  
Anchorage, AK 99518-1565

Alaska Department of Natural Resources  
Division of Ocean & Coastal Management  
550W 7<sup>th</sup> Ave, Suite 705  
Anchorage, AK 99501

Alaska Department of Natural Resources  
Office of History & Archaeology  
550 West 7<sup>th</sup> Ave, Suite 1310  
Anchorage, AK 99501-3565

Alaska Department of Natural Resources  
Attn: Ted Deats  
400 Willoughby Ave, Suite 400  
Juneau, AK 99811-1020

Alaska Department of Natural Resources  
Division of Mining-Water Resources Section  
550 W 7<sup>th</sup> Ave, Suite 1020  
Anchorage, AK 99501-3577

Alaska Department of Natural Resources  
Division of Mining-Hydro Coordinator  
P.O. Box 111020  
Juneau, AK 99801-1020

Alaska Department of Natural Resources  
Division of Parks and Outdoor Recreation  
550 W 7<sup>th</sup> Ave, Suite 1380  
Anchorage, AK 99501-3561

Central Council Tlingit & Haida Indian Tribes of  
Alaska  
320 W. Willoughby Ave, Suite 300  
Juneau, AK 99801

Ketchikan Gateway Borough  
Attn: Kacie L. Paxton, Borough Clerk  
1900 First Avenue, Suite 115  
Ketchikan, Alaska 99901

City and Borough of Wrangell  
Attn: Kim Lane, CMC, Borough Clerk  
P.O. Box 531  
Wrangell, AK 99929

Petersburg Borough  
Attn: Kathy O'Rear, Borough Clerk  
PO Box 329  
Petersburg, AK 99833

Alaska Department of Transportation and Public  
Facilities  
Attn: Coordinator  
Environmental Division  
6860 Glacier Hwy  
Juneau, AK 99811-7909

City and Borough of Juneau  
Attn: Mayor  
155 S. Seward St.  
Juneau, AK 99801

Ketchikan Indian Community  
Attn. Lance Simmons  
2960 Tongass Avenue  
Ketchikan, Alaska 99901

Grand Camp Alaska Native Brotherhood  
and Alaska Native Sisterhood  
Post Office Box 35071  
Juneau, Alaska 99803

Organized Village of Saxman  
RR2 Box 2  
Ketchikan, Alaska 99901

Alaska Wilderness Recreation & Tourism  
Association  
P.O. Box 22827  
Juneau, AK 99801

Cape Fox Corporation  
PO Box 8558  
Ketchikan, AK 99901

Metlakatla Indian Community  
Attn. Mayor  
Post Office Box 8  
Metlakatla, Alaska 99926

Joel Paisner, Esq.  
Ascent Law Partners, LLP  
719 Second Avenue, Suite 1150  
Seattle, Washington 98104

Dara Glass, Land Manager  
Cook Inlet Region, Incorporated  
2525 C Street, Suite 500  
Anchorage, Alaska 99503

Brian Ashton, Board Member  
Southeast Alaska Power Agency  
Post Office Box 406  
Wrangell, Alaska 99929

Clay Hammer, Board Member  
Southeast Alaska Power Agency  
Post Office Box 398  
Wrangell, Alaska 99929

Sara Fisher-Goad  
Alaska Energy Authority  
813 West Northern Lights Blvd.  
Anchorage, Alaska 99503

Frances Francis  
Spiegel & McDiarmid LLP  
1333 New Hampshire Avenue, NW  
Second Floor  
Washington DC, 20036

Ketchikan Gateway Borough  
Dan Bockhorst, Borough Manager  
1900 First Avenue, Suite 210  
Ketchikan, Alaska 99901

Laurie Verbrugge  
Conservation Planning  
U.S. Fish & Wildlife Service  
605 W. 4th Ave., Room G-61  
Anchorage, Alaska 99501-2250

Forrest Cole, Forest Supervisor  
Tongass National Forest  
648 Mission Street  
Ketchikan, Alaska 99901

Bruce Anders  
Cook Inlet Region, Incorporated  
2525 C Street, Suite 500  
Anchorage, Alaska 99503

Federal Energy Regulatory Commission  
Attn. Douglas L. Johnson, P.E.  
Portland Regional Office  
805 SW Broadway Fox Tower - Suite 550  
Portland, Oregon 97205

Susan H Walker  
Marine Resources Specialist  
NOAA National Marine Fisheries Service  
PO Box 21668  
Juneau, Alaska 99802-1668

Governor of Alaska  
RE: FERC Projects  
Office of the Governor of Alaska  
PO Box 110001  
Juneau, Alaska 99811-0001

Office of Solicitor  
U. S. Department of Interior  
4230 University Dr, Ste 300  
Anchorage, Alaska 99508

US Army Corp of Engineers,  
Regulatory Division Chief  
PO Box 6898  
Elmendorf AFB, AK 99506-6898

Jeannie Blackmore  
Natural Resource Specialist  
Ketchikan Misty Fiords Ranger District  
3031 Tongass Avenue  
Ketchikan, AK 99901-5743

Alaska Region, USDA Forest Service  
Attn. Energy Coordinator  
648 Mission Street  
Federal Building  
Ketchikan, AK 99901-6591

Trey Acteson, CEO  
Southeast Alaska Power Agency  
1900 First Avenue, Suite 318  
Ketchikan, Alaska 99901



Steve Henson, Operations Manager  
Southeast Alaska Power Agency  
1900 First Avenue, Suite 318  
Ketchikan, Alaska 99901

Don McConachie, Sr., Board Member  
Southeast Alaska Power Agency  
Post Office Box 361  
Wrangell, Alaska 99929

Sharon Thompson, Executive Assistant  
Southeast Alaska Power Agency  
1900 First Avenue, Suite 318  
Ketchikan, Alaska 99901

Gene Therriault, Deputy Director  
Statewide Energy Policy Development  
Alaska Energy Authority  
813 Western Northern Lights Blvd.  
Anchorage, Alaska 99503

Douglas Ott, P.E., Project Manager  
Hydroelectric Programs  
Alaska Energy Authority  
813 Western Northern Lights Blvd.  
Anchorage, Alaska 99503

Robert Sivertsen, Chairman  
Southeast Alaska Power Agency  
3817 Alaska Avenue  
Ketchikan, Alaska 99901

Andrew Donato, Board Member  
Southeast Alaska Power Agency  
1065 Fair Street  
Ketchikan, Alaska 99901

Lew Williams, III, Board Member  
Southeast Alaska Power Agency  
c/o City of Ketchikan  
334 Front Street  
Ketchikan, Alaska 99901

Charles Freeman, Board Member  
Southeast Alaska Power Agency  
1406 Tongass Avenue  
Ketchikan, Alaska 99901

Christie L. Jamieson, Board Member  
Southeast Alaska Power Agency  
Post Office Box 1091  
Wrangell, Alaska 99929

Joe Nelson, Board Member  
Southeast Alaska Power Agency  
Post Office Box 329  
Petersburg, Alaska 99833

John Jensen, Vice Chairman  
Southeast Alaska Power Agency  
Post Office Box 681  
Petersburg, Alaska 99833