



November 4, 2015

Ms. Kimberly D. Bose
Secretary
Federal Energy Regulatory Commission
888 First Street, N.E.
Washington, DC 20426

**Re: Susitna-Watana Hydroelectric Project, FERC Project No. 14241-000;
Transmittal of Initial Study Reports**

Dear Secretary Bose:

Pursuant to the Federal Energy Regulatory Commission's directive in its October 27 letter, the Alaska Energy Authority (AEA) is filing 26 Study Implementation Reports (SIR) and Study Completion Reports (SCR) as shown on the attached Table 1. Additional SIRs and SCRs and the Initial Study Report Part D will be filed over the next two days.

If you have any questions or need additional information, please contact me at (907) 771-3955. Thank you.

Sincerely,

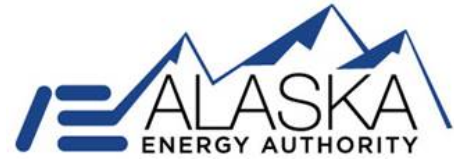
Wayne Dyok
Project Manager
Alaska Energy Authority

Attachment

cc: Distribution List

TABLE 1 – TRANSMITTED REPORTS

Study Number	Report title
5.7	Mercury Assessment and Potential for Bioaccumulation Study: 2014 Study Implementation Report
6.5	Geomorphology Study: 2014 Study Implementation Report
6.6	Fluvial Geomorphology Modeling below Watana Dam Study: 2014 Study Implementation Report
9.8	River Productivity Study – 2014 Study Implementation Report
9.9	Characterization and Mapping of Aquatic Habitats Study: Study Completion Report
9.11	Fish Passage Feasibility at Watana Dam: 2014 Study Implementation Report
9.12	Fish Passage Barriers in the Middle and Upper Susitna River and Susitna Tributaries: 2014 Study Implementation Report
9.14	Genetic Baseline Study for Selected Fish Species: 2014 Study Implementation Report
10.7	Dall's Sheep Distribution and Abundance Study: Study Completion Report
10.8	Distribution, Abundance, and Habitat Use by Large Carnivores Study: 2014-2015 Study Implementation Report
10.9	Wolverine Distribution, Abundance and Habitat Occupancy Study: Study Completion Report
10.10	Terrestrial Furbearer Abundance and Habitat Use: Study Completion Report
10.11	Aquatic Furbearer Abundance and Habitat Use Study: 2014-2015 Study Implementation Report
10.13	Bat Distribution and Habitat Use Study: Study Completion Report
10.14	Surveys of Eagles and Other Raptors: 2014 Study Implementation Report
10.15	Waterbird Migration, Breeding, and Habitat Use: Study Completion Report
10.16	Landbird and Shorebird Migration, Breeding, and Habitat Use: 2014 Study Implementation Report
10.18	Wood Frog Occupancy and Habitat Use: Study Completion Report
11.6	Riparian Vegetation Study Downstream of the Proposed Susitna-Watana Dam: 2014-2015 Study Implementation Report
12.5	Recreation Resources Study: 2014 Study Implementation Report
12.6	Aesthetics Resources Study: 2014 Study Implementation Report
12.7	River Recreation Flow and Access Study: 2014 Study Implementation Report
14.5	Subsistence Resources: 2014 Study Implementation Report
15.7	Transportation Resources Study: 2014 Study Implementation Report
15.8	Health Impact Assessment Study: 2014 Study Implementation Report
15.9	Air Quality Study: Study Completion Report



November 5, 2015

Ms. Kimberly D. Bose
Secretary
Federal Energy Regulatory Commission
888 First Street, N.E.
Washington, DC 20426

**Re: Susitna-Watana Hydroelectric Project, FERC Project No. 14241-000;
Transmittal of Reports**

Dear Secretary Bose:

Pursuant to the Federal Energy Regulatory Commission's directive in its October 27 letter and as a follow up to our November 3, 2015 filing, the Alaska Energy Authority herewith is submitting three additional Study Implementation Reports:

- 8.6 Riparian Instream Flow Study: 2014-2015 Study Implementation Report;
- 9.6 Study of Fish Distribution and Abundance in the Middle and Lower Susitna River: 2014-2015 Study Implementation Report; and
- 10.5 Moose Distribution, Abundance, Movements, Productivity, and Survival: 2014-2015 Study Implementation Report.

If you have any questions or need additional information, please contact me at (907) 771-3955. Thank you.

Sincerely,

Wayne Dyok
Project Manager
Alaska Energy Authority

Attachments

cc: Distribution List



November 6, 2015

Ms. Kimberly D. Bose
Secretary
Federal Energy Regulatory Commission
888 First Street, N.E.
Washington, DC 20426

**Re: Susitna-Watana Hydroelectric Project, FERC Project No. 14241-000;
Transmittal of Reports**

Dear Secretary Bose:

Pursuant to the Federal Energy Regulatory Commission's directive in its October 27 letter and as a follow up to our November 4, 2015 and November 5, 2015 filings, the Alaska Energy Authority (AEA) herewith is submitting five additional Study Implementation Reports (SIR) and Study Completion Reports (SCR):

- 7.5 Groundwater Study: 2014-2015 Study Implementation Report
- 7.6 Ice Processes on the Susitna River Study: 2014-2015 Study Implementation Report
- 8.5 Fish Passage and Aquatics Instream Flow Study: 2014-2015 Study Implementation Report
- 9.5 Study of Fish Distribution and Abundance in the Upper Susitna River: 2014-2015 Study Implementation Report
- 9.7 Salmon Escapement Study: Study Completion Report

AEA anticipates that SIRs 4.5 (geology and soils) and 5.6 (water quality modeling), as well as SCRs 5.5 (baseline water quality study) and 16.6 (seismic hazard), will be submitted in the near future. As discussed in AEA's Initial Study Report Part D, filed under separate cover today, there are no SIRs or SCRs associated with 20 of the 58

studies. If you have any questions or need additional information, please contact me at (907) 771-3955. Thank you.

Sincerely,

A handwritten signature in blue ink that reads "Wayne M. Dyok". The signature is written in a cursive style with a horizontal line underneath the name.

Wayne Dyok
Project Manager
Alaska Energy Authority

Attachments

cc: Distribution List



November 24, 2015

Ms. Kimberly D. Bose
Secretary
Federal Energy Regulatory Commission
888 First Street, N.E.
Washington, DC 20426

**Re: Susitna-Watana Hydroelectric Project, FERC Project No. 14241-000;
Transmittal of Report**

Dear Secretary Bose:

Pursuant to the Federal Energy Regulatory Commission's directive in its October 27 letter and as a follow up to our November 6, 2015 filings, the Alaska Energy Authority herewith is submitting Study 5.5 – Baseline Water Quality Study: Study Completion Report.

If you have any questions or need additional information, please contact me at (907) 771-3955. Thank you.

Sincerely,

Wayne Dyok
Project Manager
Alaska Energy Authority

Attachment

cc: Distribution List