

INTERNAL MANAGEMENT DOCUMENT

FEBRUARY 1, 1984

HARZA-EBASCO

Susitna Joint Venture  
Document Number

3543

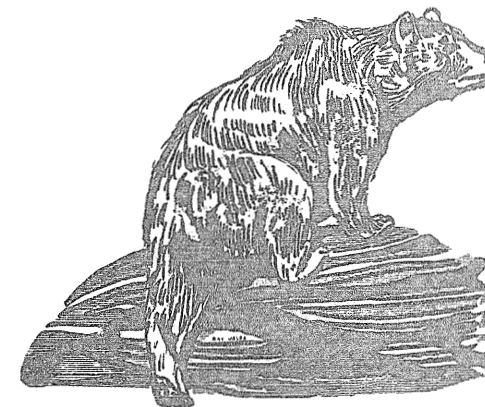
## SUSITNA Project Status Report



RECEIVED

MAR 15 1984

ALASKA POWER AUTHORITY



INTERNAL MANAGEMENT DOCUMENT

Federal Energy Regulatory Commission  
— Data For Decisions

6.2.10

## Foreword

The proposed Susitna Hydroelectric Project would be the most costly and complex hydroelectric project ever considered by the Federal Energy Regulatory Commission. The Alaska Power Authority proposes to construct, at a cost of 5.1 billion dollars (January 1982, dollars), an 885 foot-high earthfill dam and a 645 foot-high concrete arch dam forming two reservoirs with a total surface area of 45,800 acres. Two underground powerhouses would have a total generating capacity of 1,620 MW.

Recognizing the significance of the project, the Commission has established a Project Manager to coordinate the processing of the license application. The Project Manager is the Commission's primary source of information on the progress of the Susitna Hydroelectric Project; the Susitna Project Status Report is the major vehicle for reporting that information. The Susitna Project Status Report will be updated monthly by the Project Management Team. All information and schedules in this publication are prepared by the staff of the Commission and do not necessarily reflect the views of the Commission; the Commission is in no way bound by this staff planning document. Any comments should be directed to the Commission's Project Manager, William Wakefield at (202) 376-1911. An explanation of the logic networks can be found in Appendix C.

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# Project Management

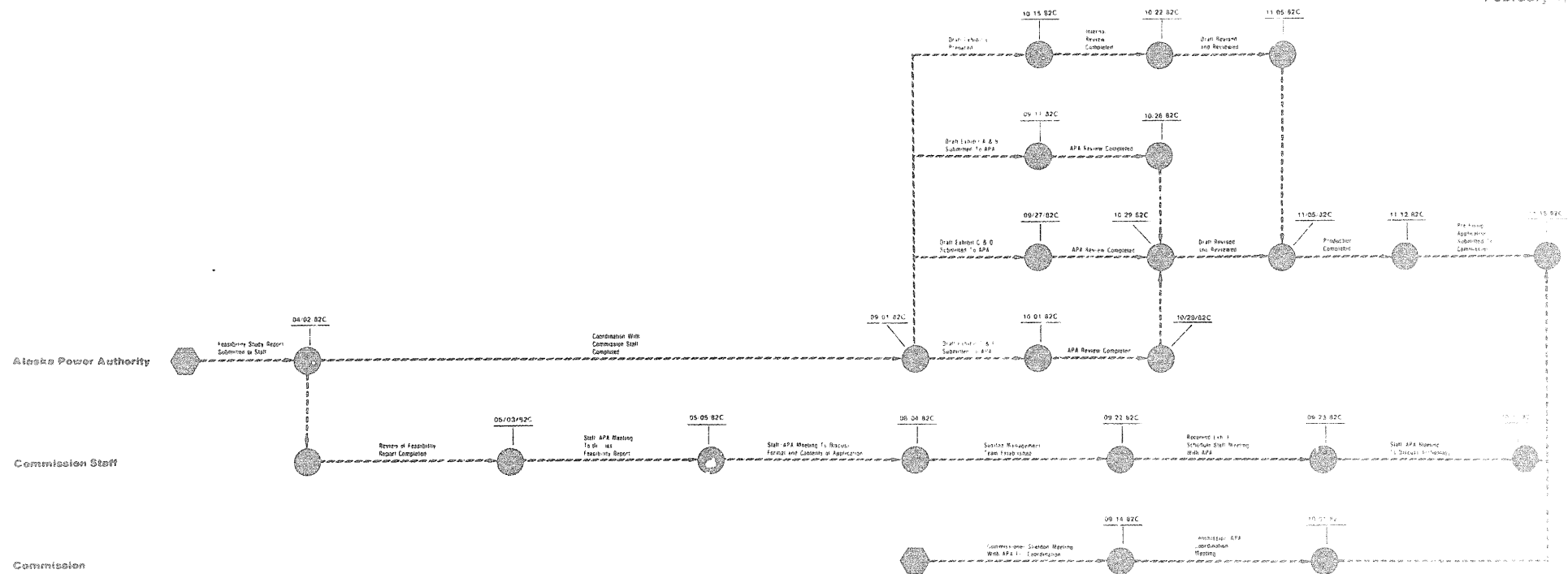
# **Susitna Hydroelectric Project**

## **PROJECT MANAGER SUMMARY**

The Alaska Power Authority (APA) has requested an extension of time until February 10, 1984, to respond to the comments of the Department of the Interior (DOI). Inasmuch as the 108 page comment letter from DOI was nearly a month late, APA's request was granted. This extension of time is not on the critical path and thus the overall license application processing remains on schedule. See pages 17 and 20 (Level D).

# Susitna Hydroelectric Project ACTIONS PRIOR TO PRE-FILING

February 1, 1984



## February 1, 1984



## Susitna Hydroelectric Project

# LICENSING PROCESS

The Federal Energy Regulatory Commission is charged with the responsibility of fostering the comprehensive development of the Nation's waterways consistent with public safety. The Susitna River is a public resource; therefore, the Commission must ensure that any hydroelectric development on the Susitna River is in the best interest of the public.

When the Susitna Hydroelectric Project license application is filed by the Alaska Power Authority (APA), the application is first reviewed by staff to ensure that it contains all the information necessary for the Commission to assess the project. When the application is deemed acceptable for processing by the Director, Office of Electric Power Regulation, the Commission initiates a public and agency comment period. Public notice in the Federal Register and in Alaskan newspapers will invite the public to comment on and participate in the licensing process. Federal, State, and local agencies are provided copies of the application and are asked to provide comments in their respective areas of expertise.

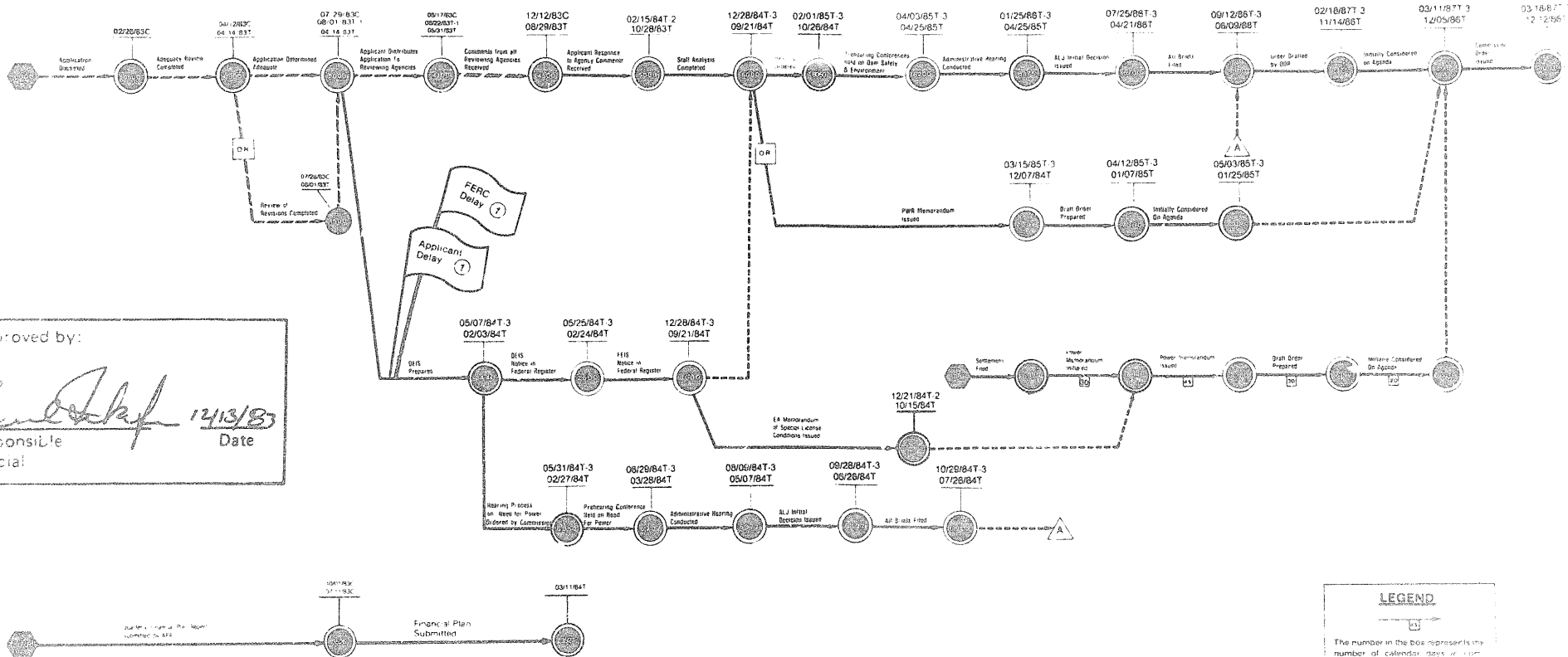
Concurrent with the public comment period, Commission staff experts initiate a three-pronged evaluation of the Susitna Project. Electrical engineers and economists will evaluate the adequacy of electrical load forecasts for Alaska and the need for Susitna Project power. Geologists and civil engineers will evaluate the integrity of project structures. A team of environmental scientists will prepare an environmental impact statement assessing the project's potential impacts on the Alaskan ecosystem. Upon completion of these analyses, the staff positions on need for power, project integrity, and environmental impacts may be subjected to the scrutiny of hearings before an administrative law judge. At these hearings, intervenors in the Susitna proceeding have the opportunity to support staff's analysis or present opposing positions. At the conclusion of the hearing, the administrative law judge prepares an opinion on the issues.

After the administrative law judge has rendered an initial decision, the five Commissioners will make the final decision on whether or not to issue the license for the Susitna Project and what conditions to attach to the license. If a hearing has been held, the Office of Opinions and Review, with guidance from the Commissioners, will prepare the license document. The Commissioners will review the entire record for the Susitna Project. In order for the APA to receive a license for the Susitna Project, the record must convince a majority of the Commissioners that the project is needed, that the structures will be safe, and that the environmental impacts of construction and operation will be adequately mitigated.

# Susitna Hydroelectric Project LICENSING SCHEDULE

## SUMMARY OF MAJOR MILESTONES

Level A  
February 1, 1984



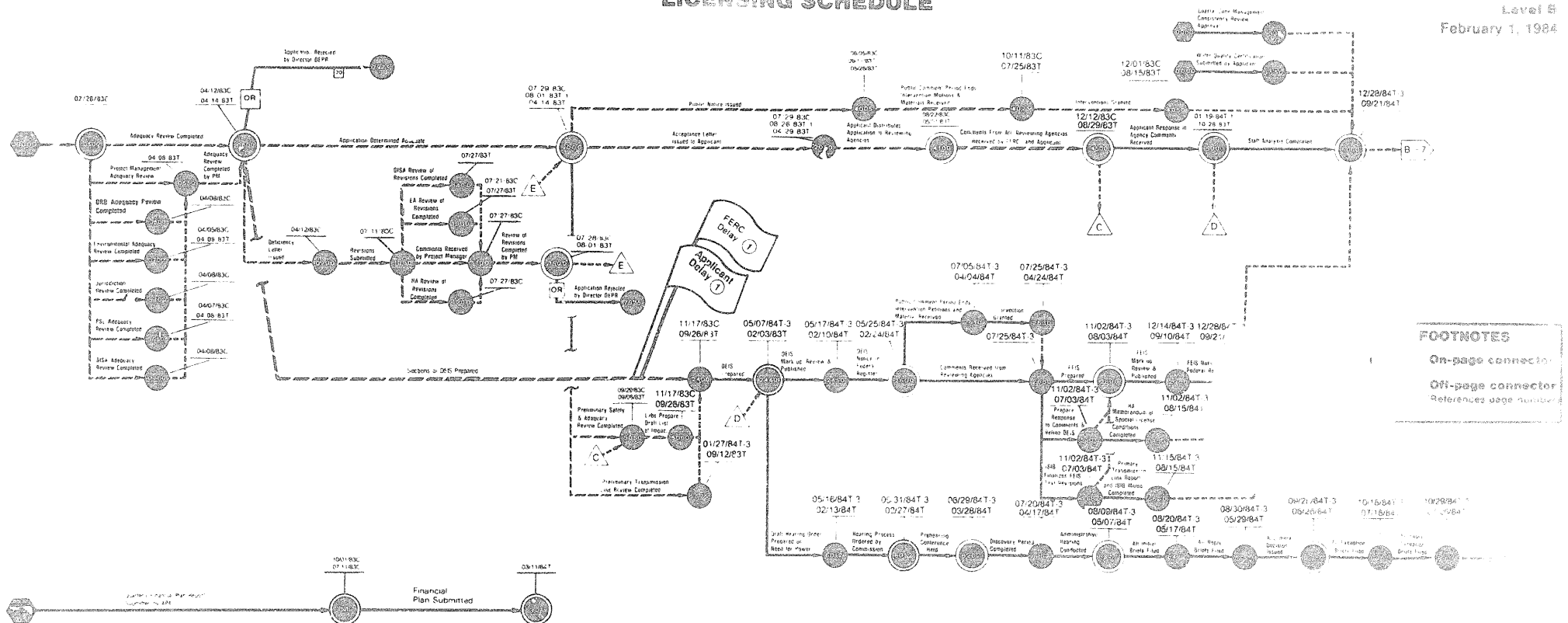
Approved by:  
*[Signature]*  
Responsible  
Official  
Date 12/13/83

**LEGEND**  
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# LICENSE PROCESS

## Susitna Hydroelectric Project LICENSING SCHEDULE

Level 5  
February 1, 1984

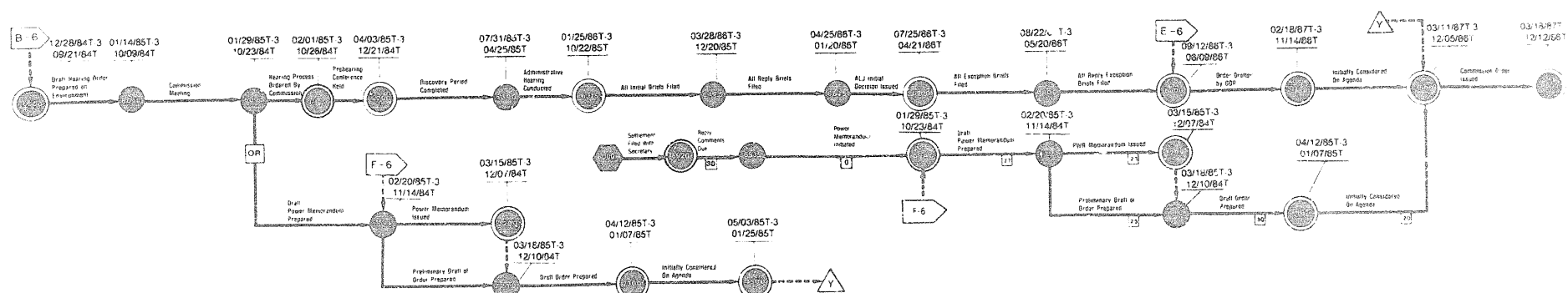


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## HEARING PROCESS

## Susitna Hydroelectric Project LICENSING SCHEDULE

Level B  
February 1, 1984



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## APPLICATION REVIEW

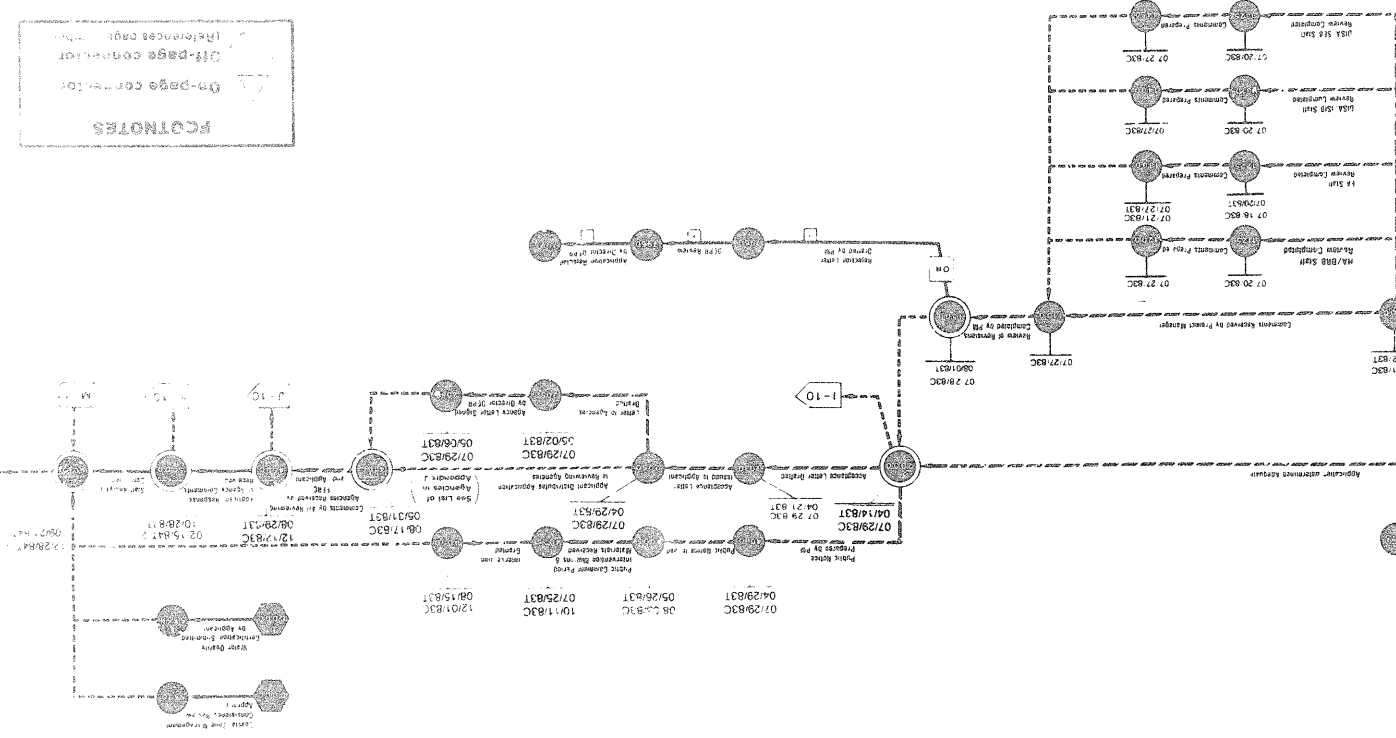
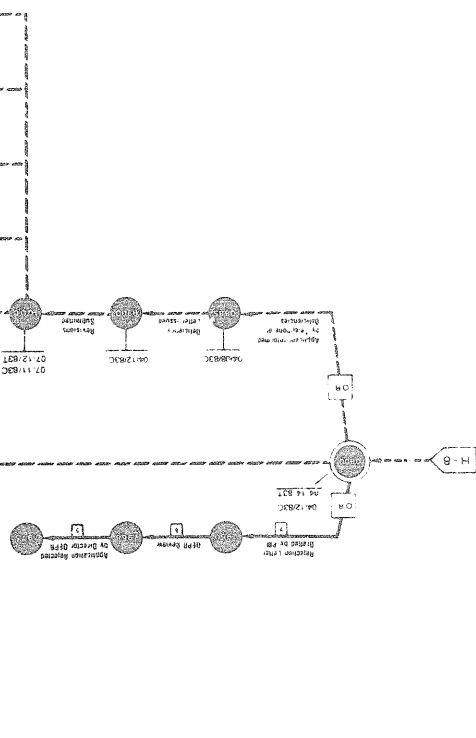
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## Susitna Hydroelectric Project LICENSING SCHEDULE

FC01NOTES



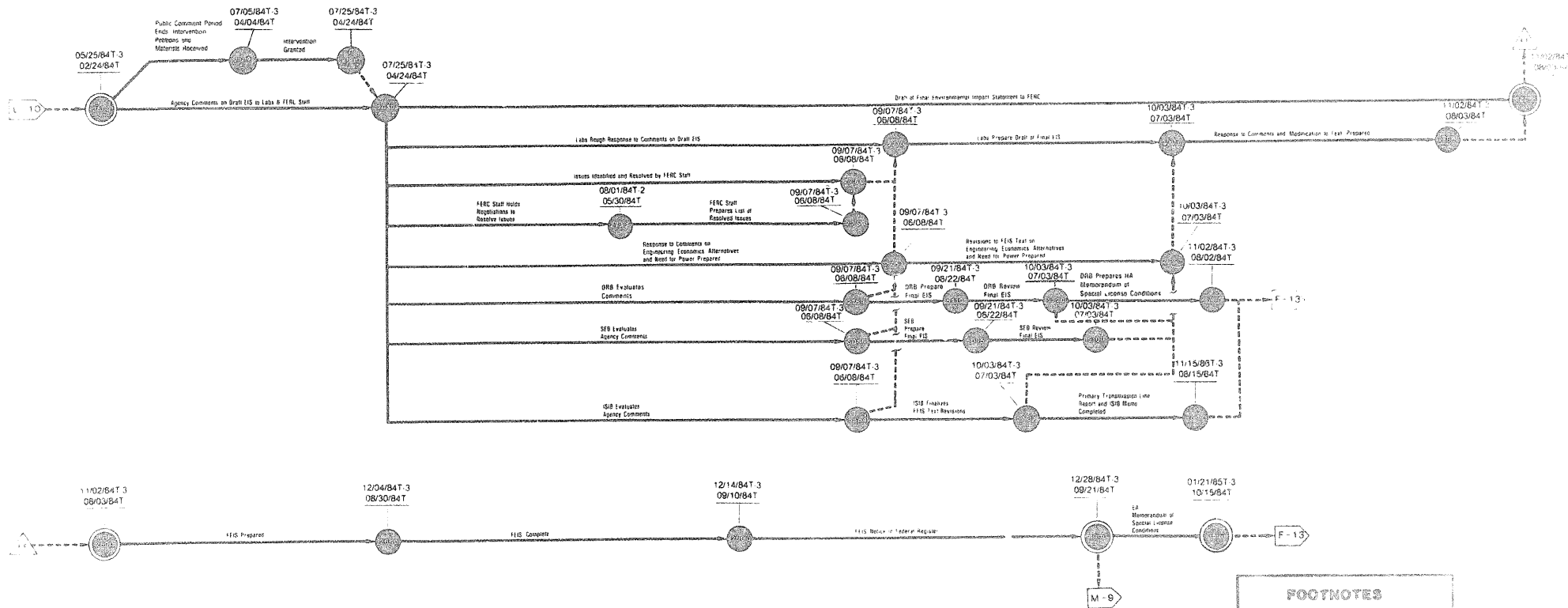
# Susitna Hydroelectric Project LICENSING SCHEDULE

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**FINAL ENVIRONMENTAL  
IMPACT STATEMENT**

**Susitna Hydroelectric Project  
LICENSING SCHEDULE**

Level C  
February 1, 1984



**FOOTNOTES**

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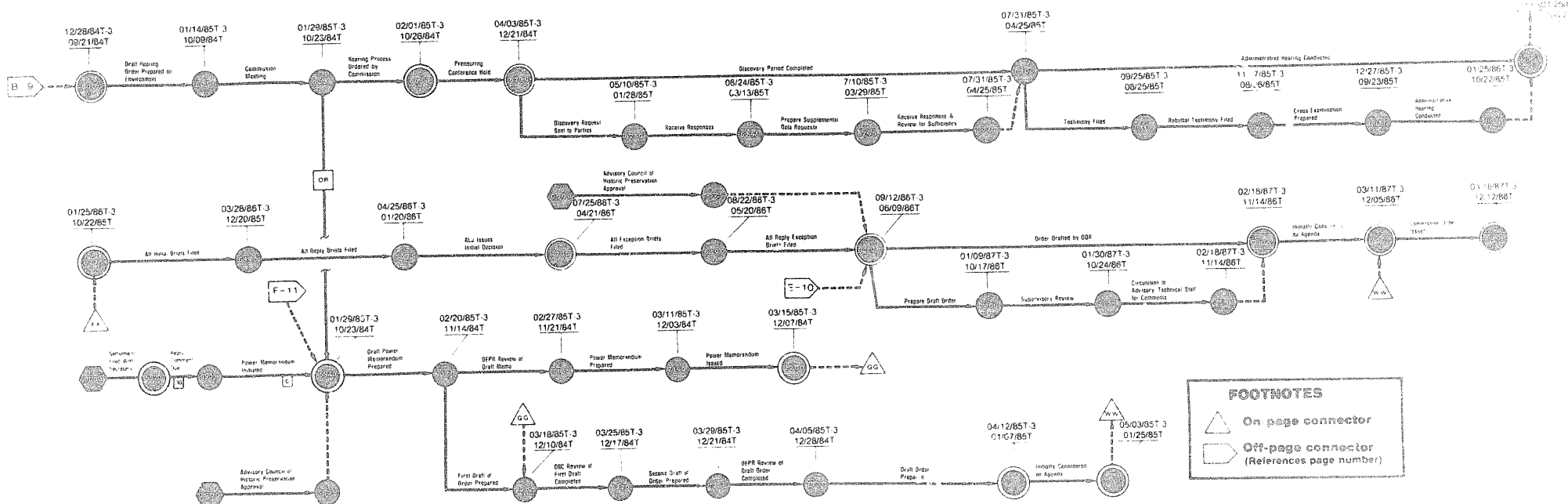
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# HEARING PROCESS

## Susitna Hydroelectric Project LICENSING SCHEDULE

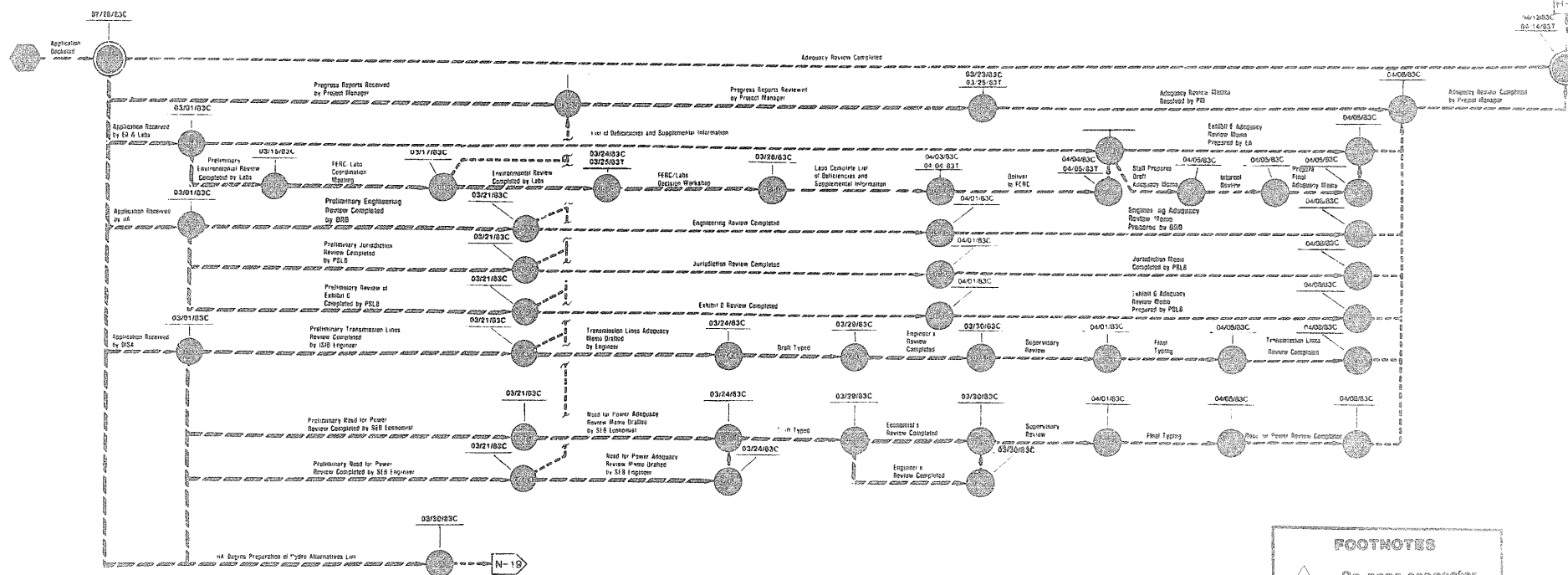
Level C  
February 1, 1984



# APPLICATION REVIEW

## Susitna Hydroelectric Project LICENSING SCHEDULE

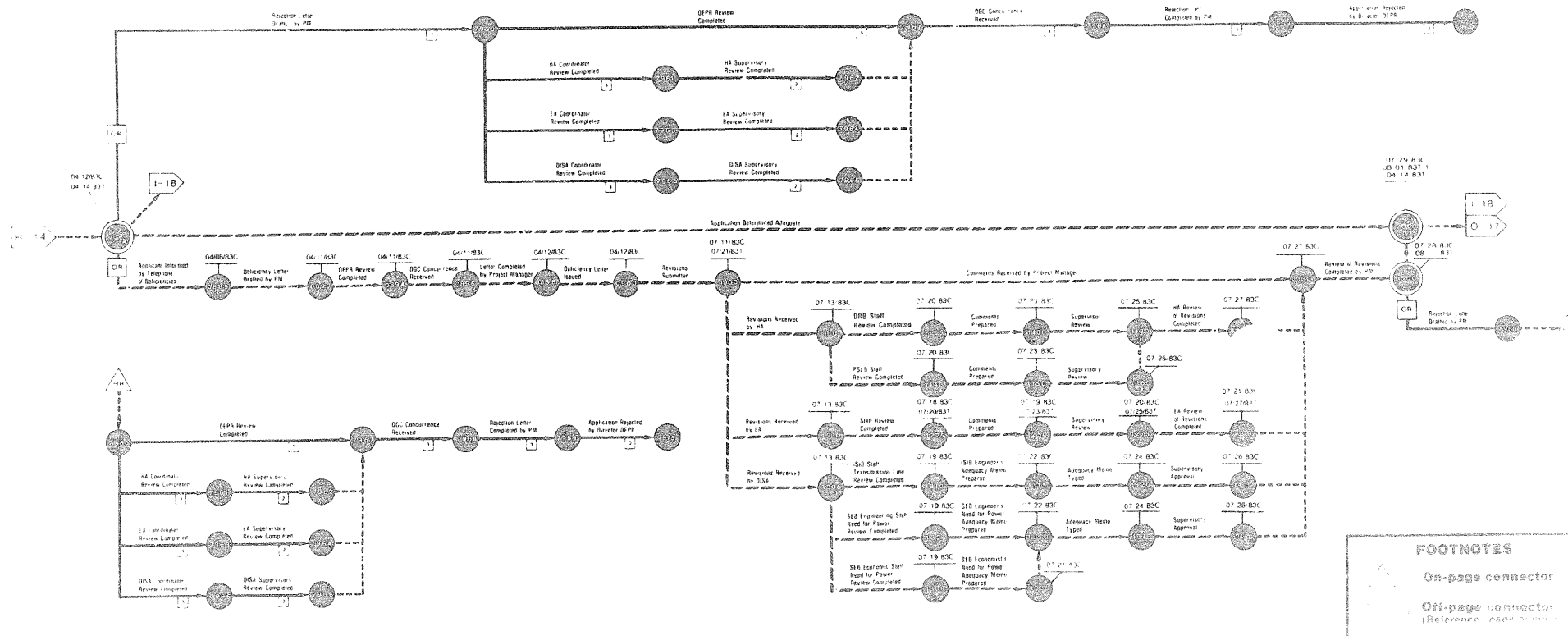
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February 1, 1964



# APPLICATION REVISIONS

## Susitna Hydroelectric Project LICENSING SCHEDULE

Level D  
February 1, 1984

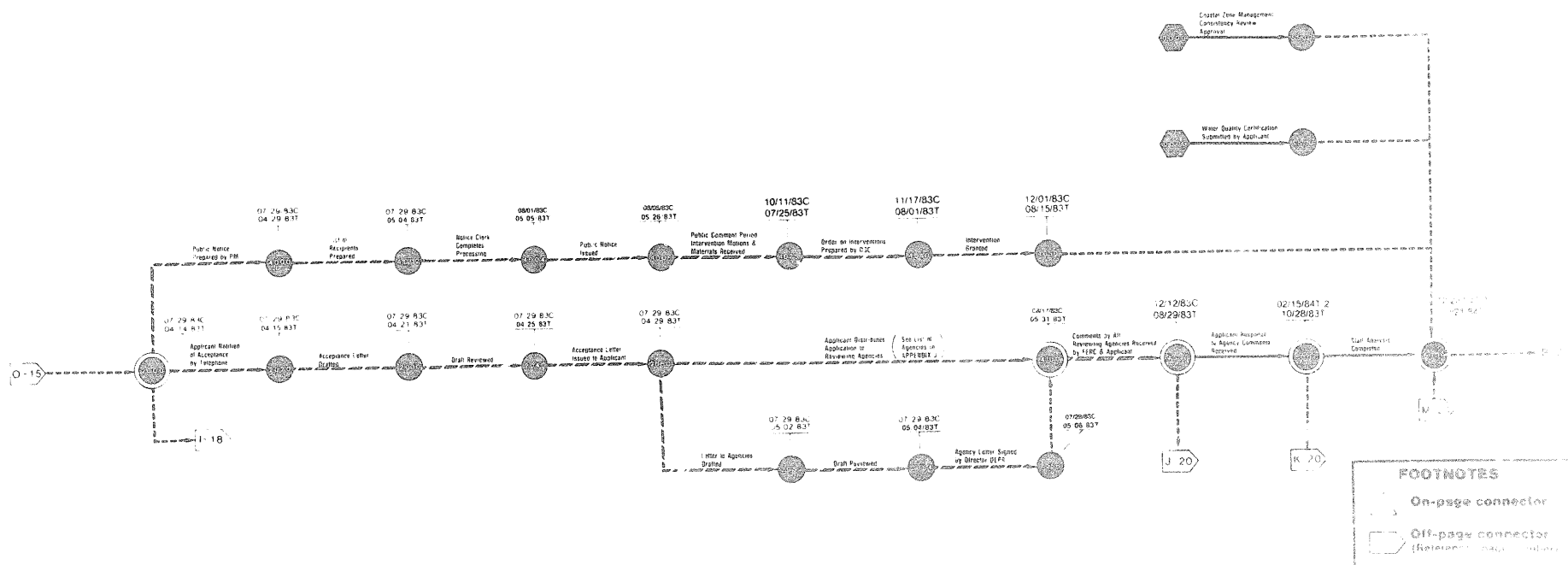




# AGENCY COMMENT PERIOD

## Susitna Hydroelectric Project LICENSING SCHEDULE

Level D  
February 1, 1984

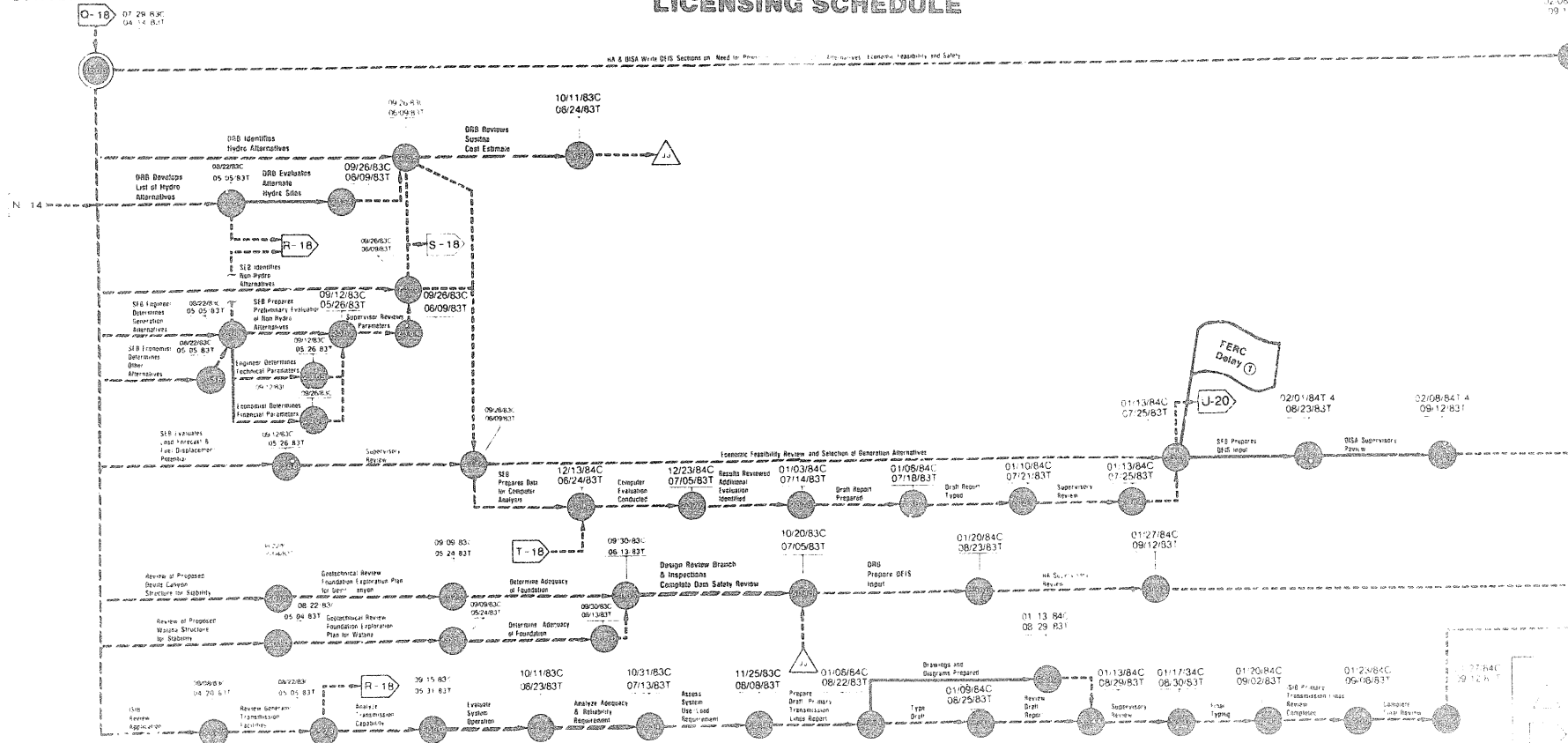




**DRAFT ENVIRONMENTAL IMPACT  
STATEMENT PREPARED**

**Susitna Hydroelectric Project  
LICENSING SCHEDULE**

Level D  
February 1, 1984  
02/08/84  
09/12/83



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## Susitna Hydroelectric Project LICENSING SCHEDULE

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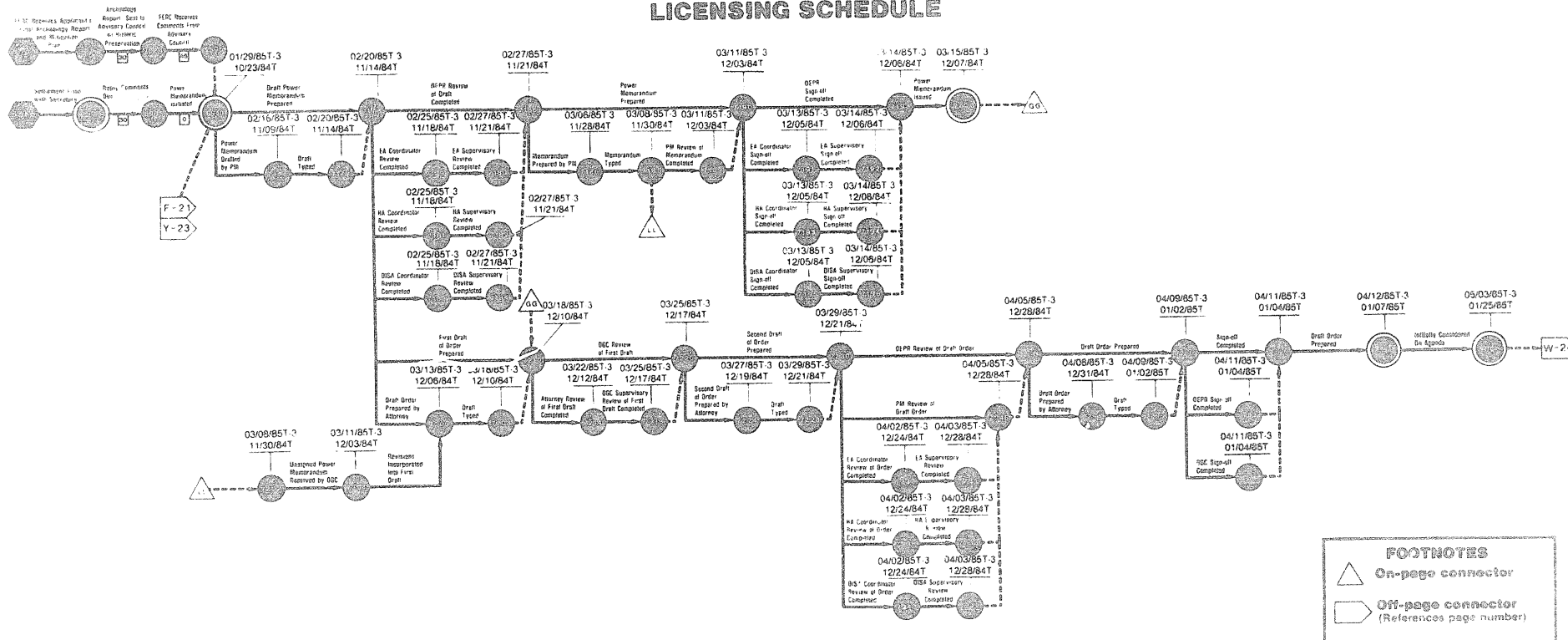
## Susitna Hydroelectric Project LICENSING SCHEDULE

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POWER MEMORANDUM

Susitna Hydroelectric Project  
LICENSING SCHEDULE

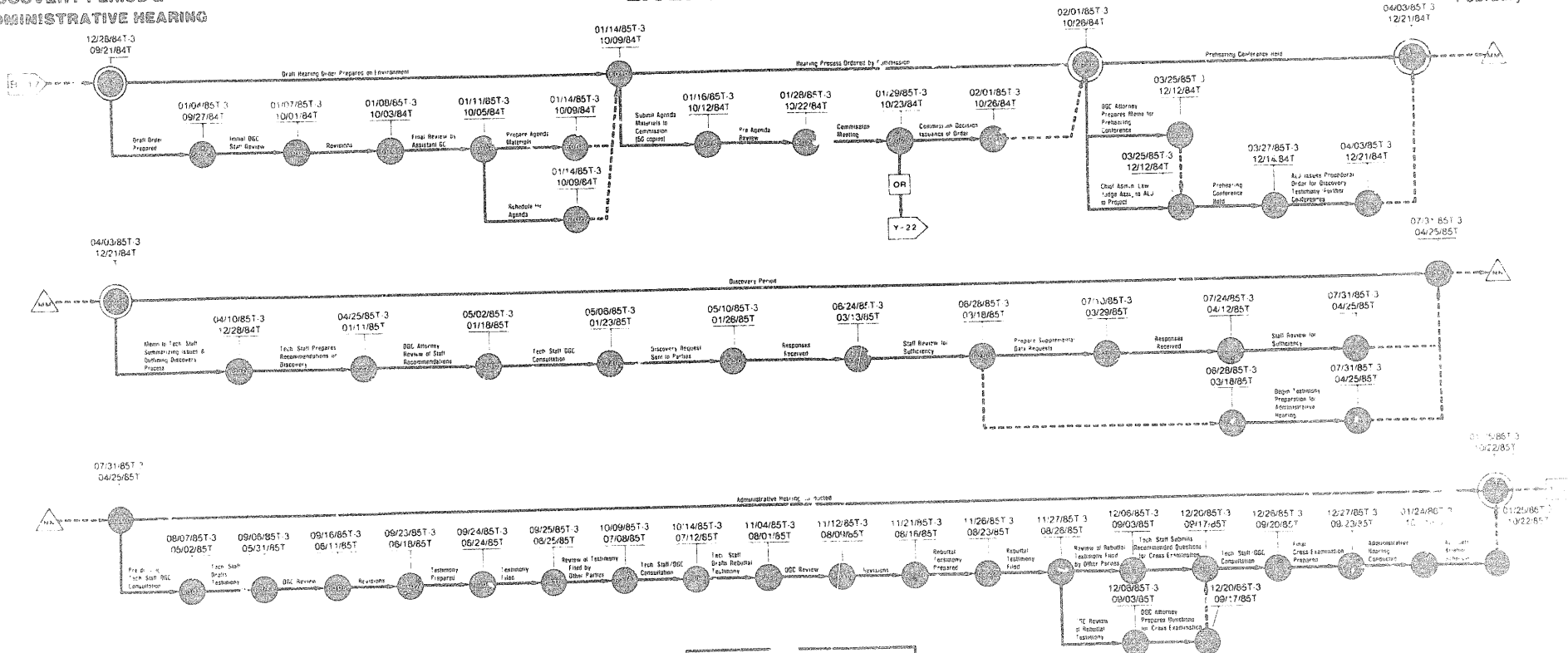
Level D  
February 1, 1984



PREHEARING CONFERENCE,  
DISCOVERY PERIOD &  
ADMINISTRATIVE HEARING

# Susitna Hydroelectric Project LICENSING SCHEDULE

Level D  
February 1, 1984



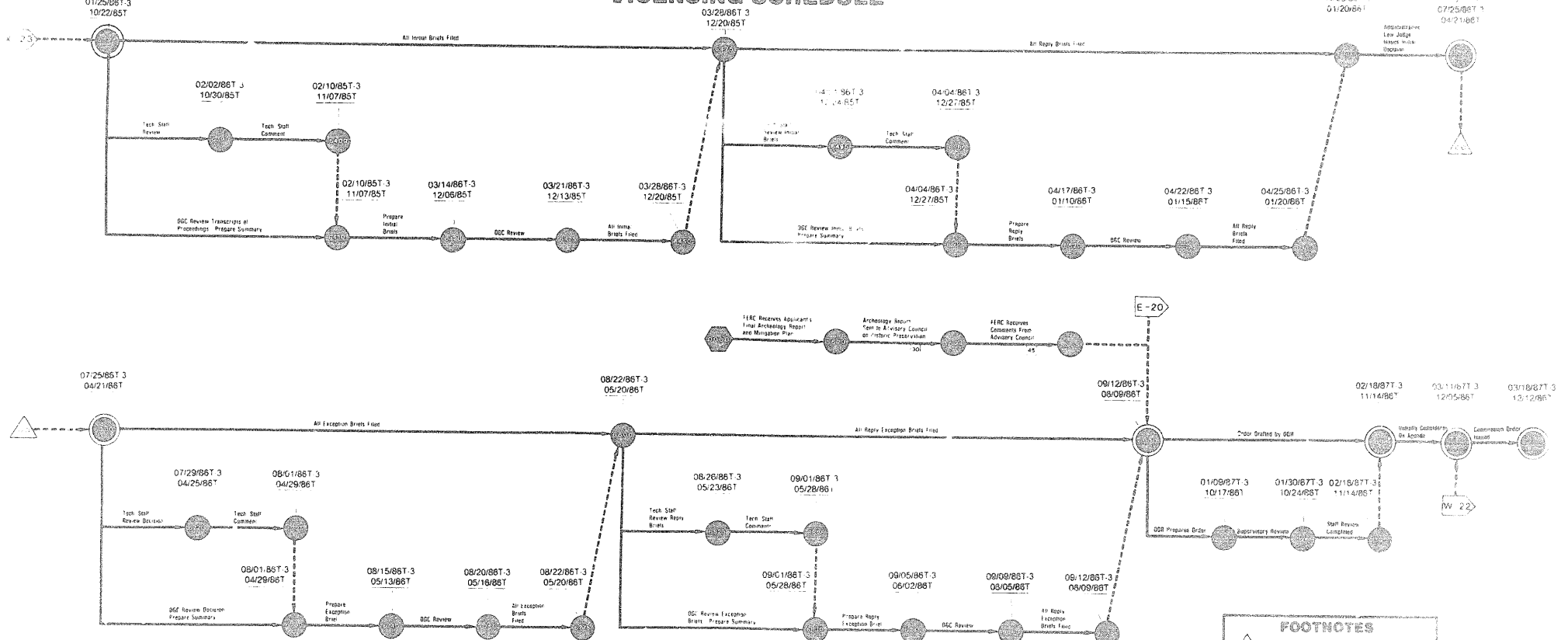
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# BRIEFING SCHEDULE & ORDER ISSUANCE

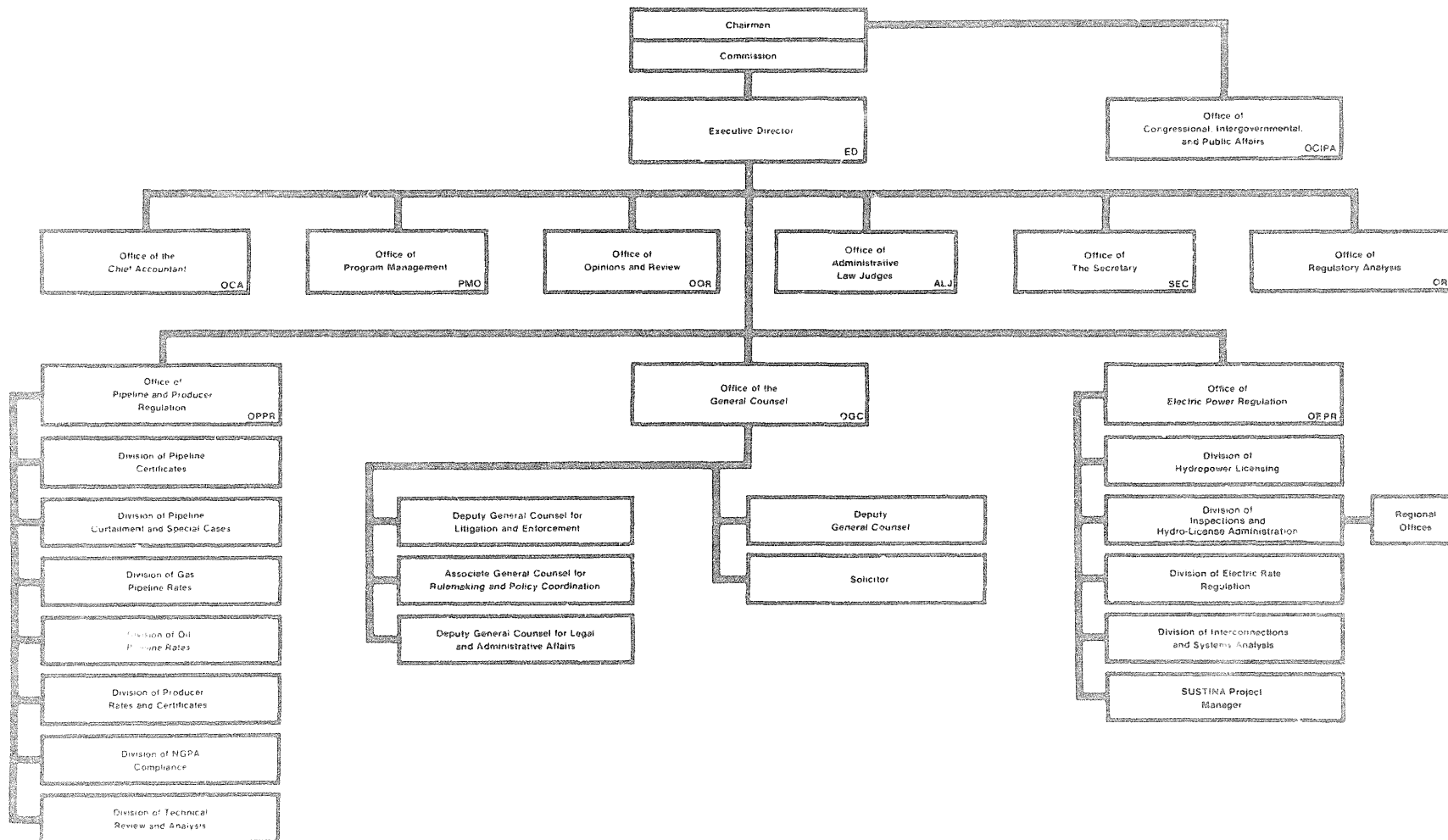
## Susitna Hydroelectric Project LICENSING SCHEDULE

Level B  
February 1, 1984  
07/25/86T 3  
04/21/86T



# Appendices

# Federal Energy Regulatory Commission (FERC) Organization Chart



# APPENDIX B

## FEDERAL ENERGY REGULATORY COMMISSION WASHINGTON 20426

IN REPLY REFER TO

September 27, 1987

TO: HONORABLE THE Chairman  
Commissioners  
Executive Director  
General Counsel

FROM: Lawrence R. Anderson  
Director, Office of Electric Power  
Regulation

SUBJECT: Susitna Project Management Team

A special project team has been formed to monitor the pre-filing review of the Susitna Hydroelectric Project. I have appointed William C. Wakefield, II, as the project manager. All communications, memos, directives and meetings will be coordinated by Mr. Wakefield. His phone number is 376-5233. The team will be located in room 391, 400 1st Street.

Attachment

## Attachment A

### SUSITNA PROJECT MANAGEMENT TEAM

The Susitna Hydroelectric Project in Alaska is among the larger hydroelectric projects (1620 MW) in the United States. The project is scheduled to be completed in 20 years at a cost in excess of \$5 billion. The project will be developed by the Alaska Power Authority (APA). It is estimated that a one-day delay in the construction of the Susitna project would increase total project costs by approximately \$1 million. It is, therefore, imperative that the Federal Energy Regulatory Commission (FERC) identify any deficiencies in the pre-filing application, such that APA may file an acceptable application at the earliest possible date.

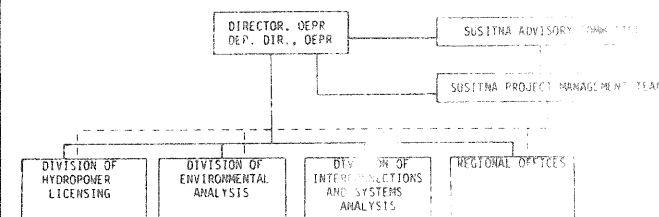
A special project management team has been formed to monitor and coordinate the pre-filing review of the Susitna Hydroelectric Project. It is the responsibility of this team to coordinate review of the application for adequacy and to advise APA concerning any deficiencies prior to formal filing.

The "Susitna Project Management Team" is headed by a project manager who reports directly to the Director, Office of Electric Power Regulation (OEP). The project manager:

- o provides the necessary coordination and liaison with all divisions of OEP, with all other FERC offices, with Federal, State, and local agencies, the general public, and the applicant.
- o initiates correspondence with the APA and all other Federal, State and local agencies, and replies to inquiries from members of the Congress and the general public.
- o reviews and analyzes staff reports and recommendations on the applicant data.
- o examines the pre-filing application to determine compliance with FERC Rules and Regulations.
- o informs APA of engineering, environmental or other deficiencies as they become known.
- o meets with the Advisory Committee to report on the status of the pre-filing review.

A Susitna Advisory Committee which reports to the Director, OEP, is also established. It is the responsibility of this Committee to ensure adequate and timely technical input to the application process, highlight problem areas and potential delays, and recommend action to the Director of OEP. The Susitna Advisory Committee is composed of the Deputy Director of OEP, the Directors of the Divisions of Hydropower Licensing, Environmental Analysis, and Interconnection and Systems Analysis, and the Special Assistant to the Director, OEP.

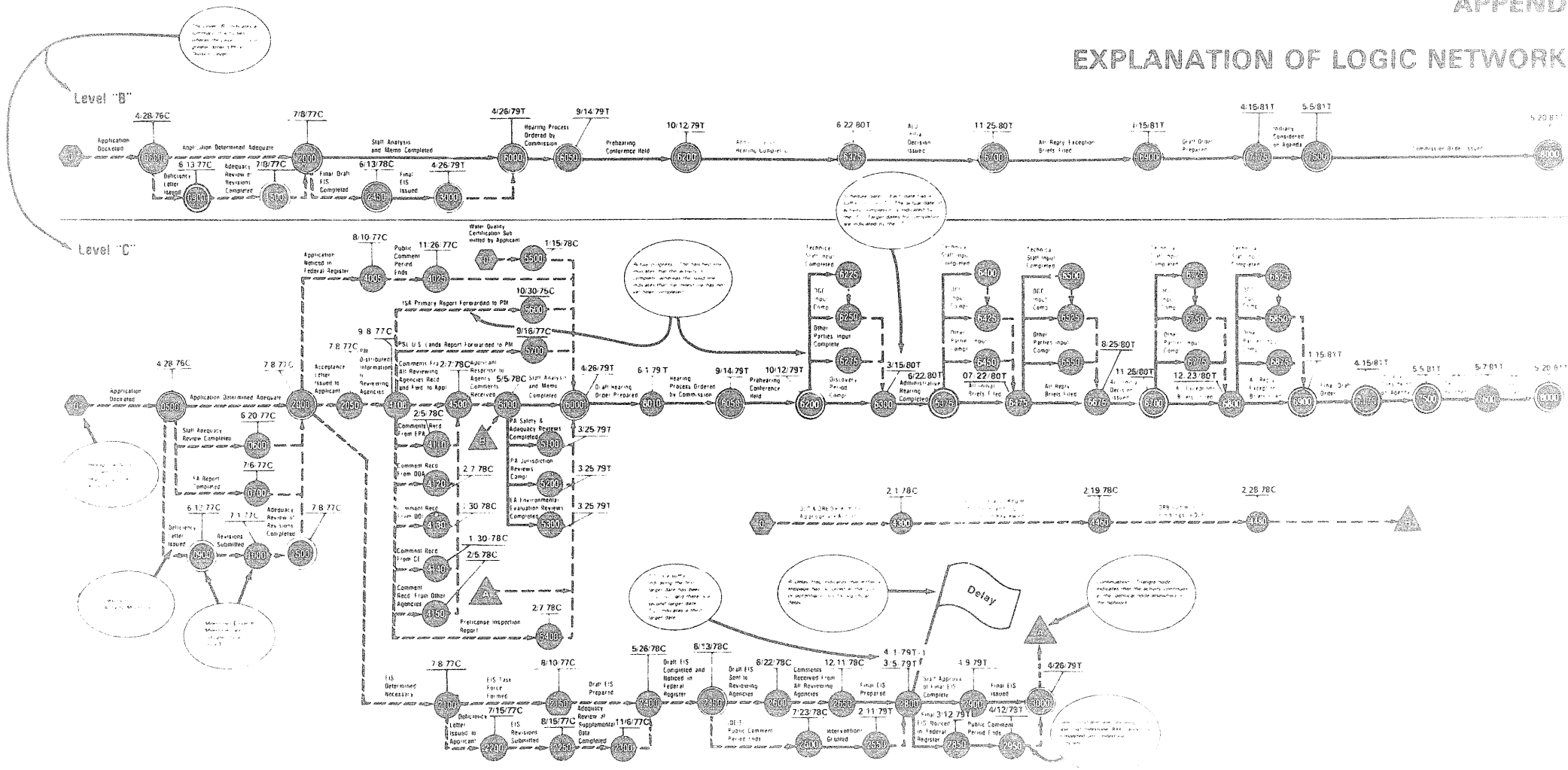
## Attachment B



————— REPORTING  
----- COORDINATION

## APPENDIX C

## EXPLANATION OF LOGIC NETWORK



## ABBREVIATIONS

## APPENDIX D

|      |                                                            |
|------|------------------------------------------------------------|
| AF   | Acre Feet                                                  |
| ALJ  | Administrative Law Judge                                   |
| APA  | Alaska Power Authority                                     |
| BLM  | Bureau of Land Management                                  |
| C    | Completion Date                                            |
| CE   | Corps of Engineers                                         |
| DEIS | Draft Environmental Impact Statement                       |
| DHL  | Division of Hydropower Licensing, FERC                     |
| DISA | Division of Interconnections and Systems<br>Analysis, FERC |
| DOA  | Department of Agriculture                                  |
| DOE  | Department of Energy                                       |
| DOI  | Department of the Interior                                 |
| DRB  | Design Review Branch                                       |
| EA   | Environmental Analysis                                     |
| ED   | Executive Director, FERC                                   |
| EIS  | Environmental Impact Statement                             |
| EPA  | Environmental Protection Agency                            |
| FEIS | Final Environmental Impact Statement                       |
| FERC | Federal Energy Regulatory Commission                       |

|      |                                                                 |
|------|-----------------------------------------------------------------|
| FPC  | Federal Power Commission                                        |
| HA   | Hydropower Analysis                                             |
| ISIB | Interconnection and Special Investigation<br>Branch, DISA, FERC |
| KV   | Kilovolt                                                        |
| KW   | Kilowatt                                                        |
| MW   | Megawatt                                                        |
| N/A  | Does Not Apply                                                  |
| NEA  | National Energy Act                                             |
| NEPA | National Environmental Policy Act                               |
| OEPR | Office of Electric Power Regulation, FERC                       |
| OGC  | Office of General Counsel, FERC                                 |
| OOR  | Office of Opinions and Review, FERC                             |
| PM   | Project Manager, FERC                                           |
| PSLB | Power Site Lands Branch, DHL, FERC                              |
| SEB  | System Evaluation Branch, DISA, FERC                            |
| SFRO | San Francisco Regional Office                                   |
| T    | Target Date                                                     |
| USGS | United States Geological Survey                                 |

# Susitna Hydroelectric Project PROJECT DESCRIPTION

## APPENDIX E

The Alaska Power Authority's Susitna Hydroelectric Project would consist of two developments along the Susitna River between Anchorage and Fairbanks, Alaska and related access and transmission facilities. The project would have a total installed capacity of 1,620 MW and would provide an average of 6,910 GWh of energy annually when completed in the year of 2002. The Susitna Hydroelectric Project is estimated to cost 5.1 billion dollars (January 1982 dollars).

The upstream Watana Development (See Watana General Arrangement) would include an 885 foot-high earthfill dam with a crest length of 4,100 feet forming a 48 mile-long reservoir with a surface area of 38,000 acres and a usable storage capacity of 3.7 million acre-feet at normal maximum water surface elevation 2,185 feet. Two chute spillways would be provided on the right abutment. A concrete, gated intake structure on the right abutment would lead to six 17 foot-diameter penstocks terminating in an underground powerhouse containing six 170 MW generating units. The first four units would come on line in January 1994, followed in July 1994 by the final two units.

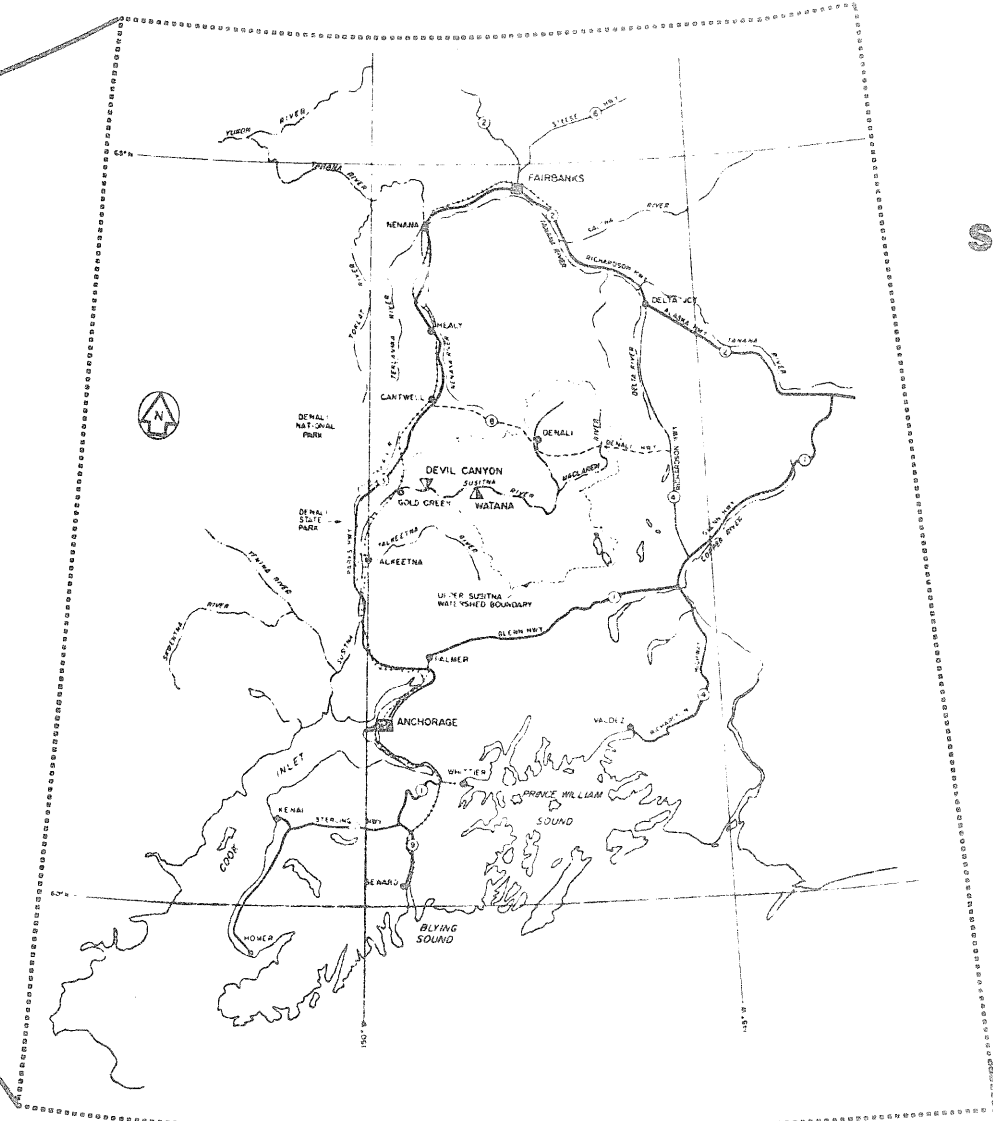
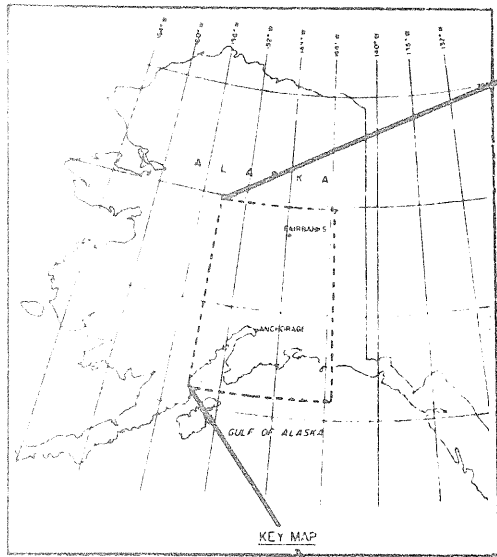
The Devil Canyon Development (See Devil Canyon General Arrangement) would include a 645 foot-high, double-curved, concrete thin arch dam forming a 26 mile-long reservoir with a surface area of 7,800 acres and a usable storage capacity of 350,000 acre-feet at normal maximum water surface elevation 1,455 feet. A 245 foot-high, rock-fill saddle dam would be located on the left abutment. A spillway would be provided on each abutment. A concrete, gated intake structure on the right abutment would lead to four 20 foot-diameter penstocks terminating in an underground powerhouse containing four 150 MW generating units. The Devil Canyon Development would become operational in the year of 2002.

As part of the Susitna Hydroelectric Project, two 26 mile-long, 345 kV transmission lines would be constructed from Watana to Devil Canyon. From Devil Canyon, two 195 mile-long, 345 kV transmission lines would extend to the Fairbanks area and three 84 mile-long, 345 kV transmission lines would extend to Anchorage.

An access road would be constructed from the Denali Highway south to Watana and then west to Devil Canyon. A 6,000 foot-long airstrip and a permanent town for operation and maintenance personnel would be constructed at Watana.

# APPENDIX F

## Susitna Hydroelectric Project LOCATION MAP



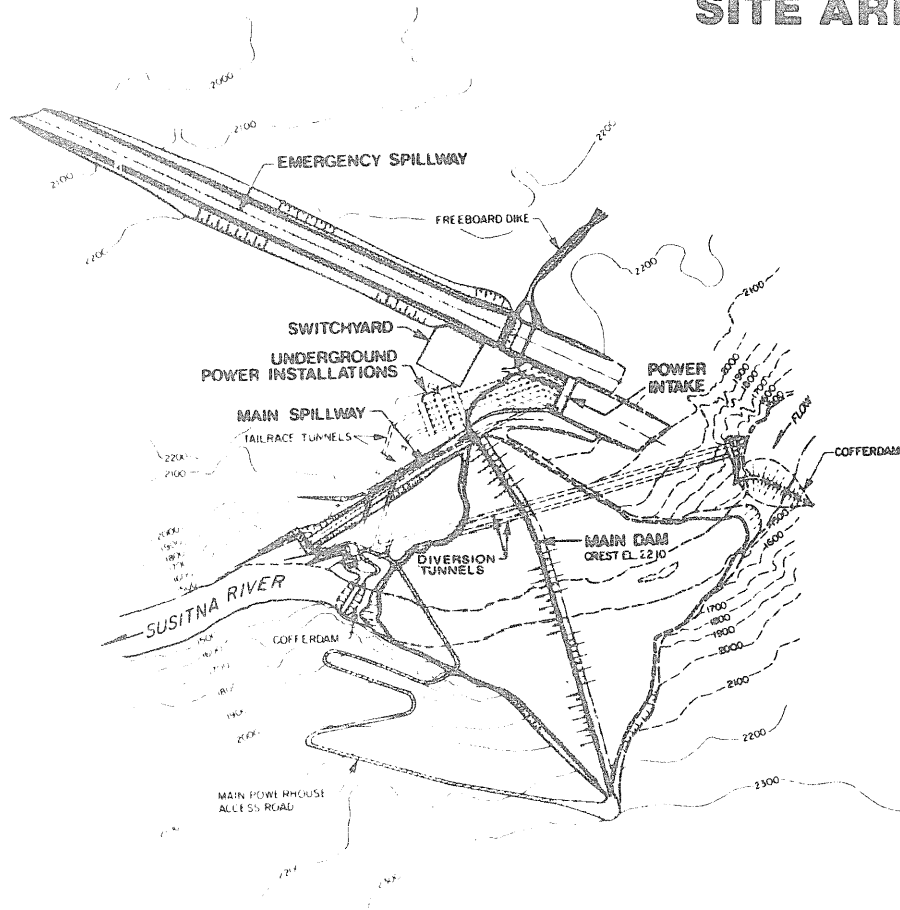
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- 3 — PRIMARY PAVED UNDIVIDED HIGHWAY
- SECONDARY PAVED UNDIVIDED HIGHWAY
- SECONDARY GRAVEL HIGHWAY
- - - - - RAILROAD
- RIVER

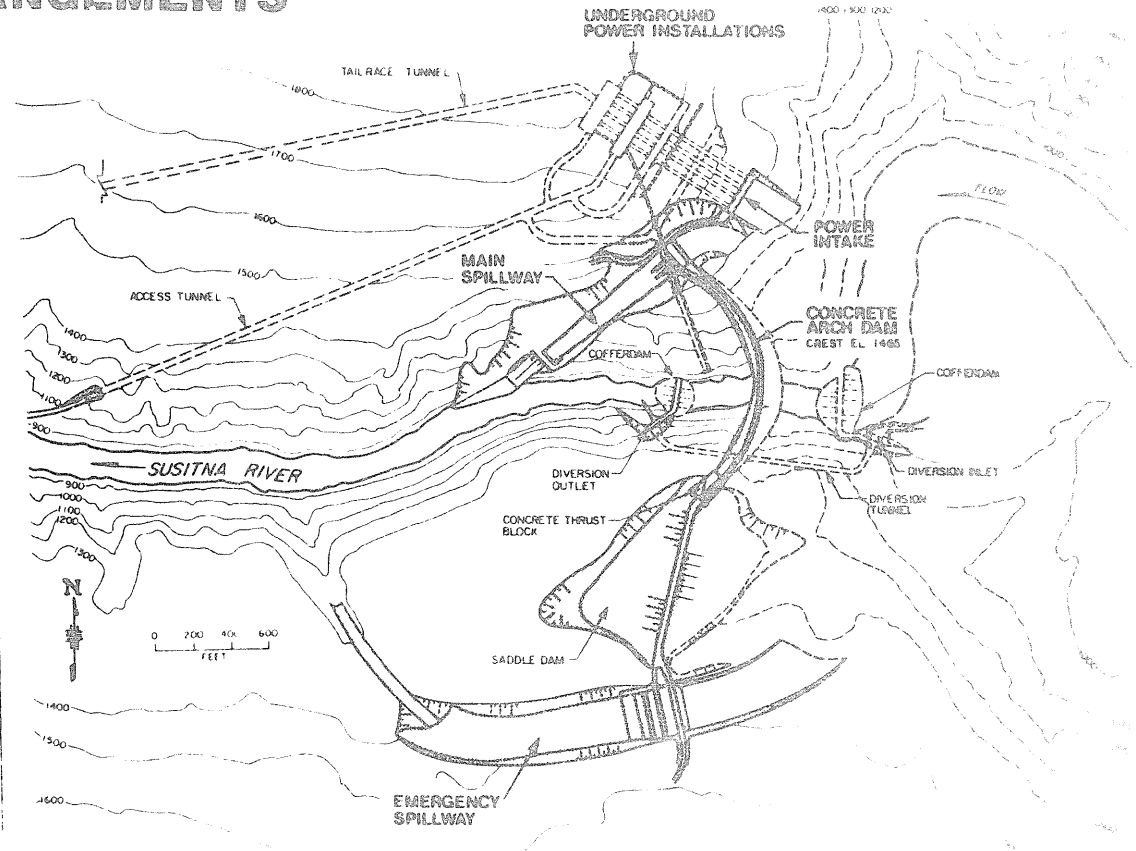
SCALE 0 40 MILES

# Susitna Hydroelectric Project SITE ARRANGEMENTS

APPENDIX C



WATANA GENERAL ARRANGEMENT



DEVIL CANYON GENERAL ARRANGEMENT

## Susitna Hydroelectric Project KEY PERSONNEL

## APPENDIX H

### FERC Staff

|                                                                                                                    |                |
|--------------------------------------------------------------------------------------------------------------------|----------------|
| Project Manager: William Wakefield                                                                                 | (202) 376-9808 |
| Engineering/Environment:<br>Director, Division of Hydroelectric Licensing: Quentin Edson                           | (202) 376-9171 |
| Coordinator: Gerald Wilson                                                                                         | (202) 376-9130 |
| Coordinator: Mark Robinson                                                                                         | (202) 376-9060 |
| Need for Power/Transmission Lines:<br>Director, Division of Interconnections and Systems Analysis:<br>Bernard Chew | (202) 376-9264 |
| Coordinator: Gene Biggerstaff                                                                                      | (202) 376-9020 |
| Coordinator: Edward Fowlkes                                                                                        | (202) 376-9381 |
| Attorney: Donald Clarke                                                                                            | (202) 357-8487 |

### Alaska Power Authority

|                                                             |                           |
|-------------------------------------------------------------|---------------------------|
| Project Manager: Jon Ferguson                               | (907) 277 - 7641 Ext. 259 |
| Deputy Project Manager - Environment: Richard Fleming       | (907) 277-7641 Ext. 211   |
| Deputy Project Manager - Permitting: Tom Arminski           | (907) 277-7641            |
| Engineering Consultants - Harza/Ebasco: William Larson      | (907) 272 - 5585 Ext. 240 |
| Regulatory Management Consultant - MSI, Inc.: G. R. Hill    | (404) 992-6469            |
| Legal Counsel - Pillsbury, Madison & Sutro: D. Jane Drennan | (202) 887-0300            |

# **SUSITNA HYDROELECTRIC PROJECT PRIMARY PERMITS AND APPROVALS THAT APA HAS DEEMED NECESSARY PRIOR TO START OF CONSTRUCTION**

APPENDIX I

## **Federal**

Hydroelectric License  
Section 404 Permit  
Section 10 Permit  
Endangered Species Act Section 7 Consultation  
Right-of-Way Grant & Temporary Use Permits  
FLPMA Section 302 Leases, Permits & Easements  
Free Use Permit for Gravel  
National Pollution Discharge Elimination System Permit  
Prevention of Significant Deterioration of Air Quality  
Determination of Eligibility for the National Register  
Determination of Effect on Sites  
Advisory Council Consultation

## **Administering Agency**

FERC  
COE  
COE  
FWS  
BLM  
BLM  
BLM  
EPA  
EPA  
FERC, SHPO &  
Advisory Council

## **Key**

ADEC Alaska Department of Environmental Conservation  
ADFG Alaska Department of Fish and Game  
ADNR Alaska Department of Natural Resources  
ADPDP Alaska Division of Policy Development and Planning  
BLM Bureau of Land Management  
COE United States Corps of Engineers  
EPA Environmental Protection Agency  
FERC Federal Energy Regulatory Commission  
FWS Fish and Wildlife Service  
MSB Matanuska - Susitna Borough  
SHPO State Historic Preservation Officer

## **State**

NPDES Certification  
Certificate of Reasonable Assurance  
Alaska Coastal Management Program Certificate of Consistency  
Anadromous Fish Protection Permit  
Fishways for Obstruction to Fish Passage  
Land Use Permits  
Material Sales  
Water Rights Permit & Certificate of Appropriation  
Land Lease  
Permit to Construct a Dam  
Right-of-Way Permit for an Easement

ADEC  
ADEC  
DPDP  
ADFG  
ADNR  
ADNR  
ADNR  
ADNR  
ADNR  
ADNR

## **Local**

Matanuska - Susitna Borough Permits and Reviews

MSB

## **FOOTNOTES**

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connector (Level B)  
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◻ Off-page connector  
references page number

Provided by Alaska Power Authority

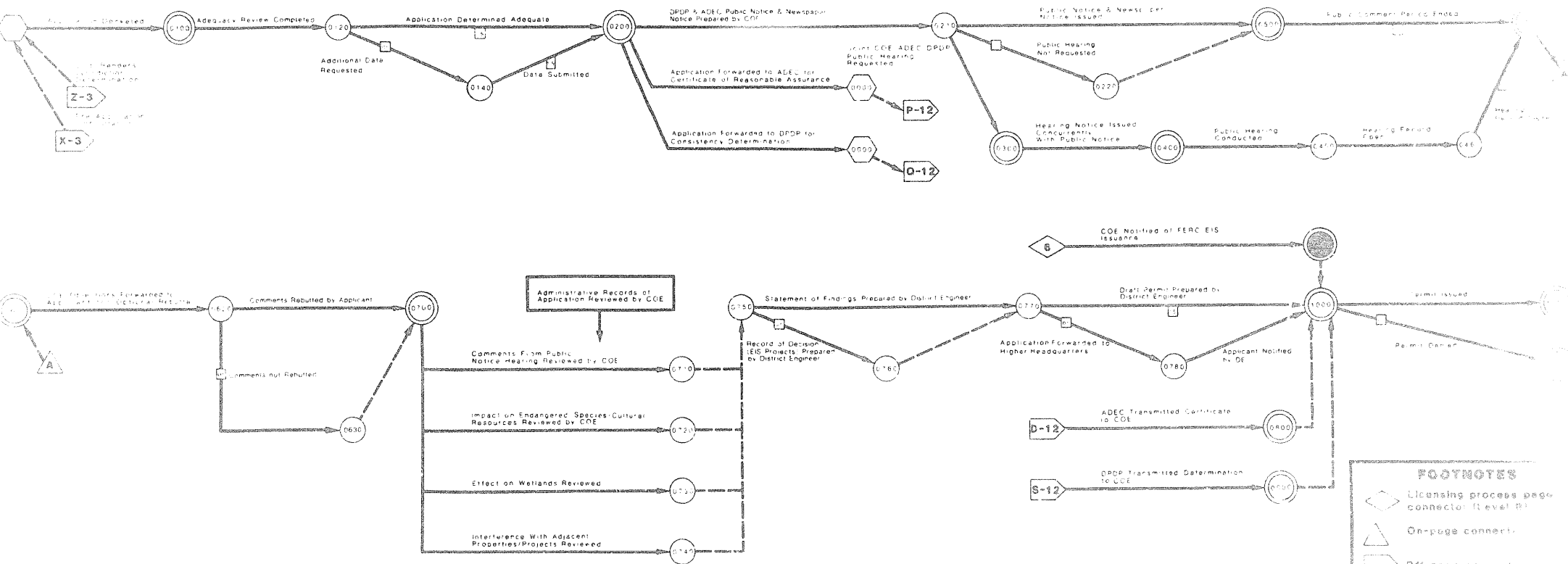
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licensing process page connector (Level B)  
The triangle represents the on-page connector  
The box represents the off-page connector

The permits, approvals and consultations required for FERC Licensing of the Susitna Project are marked with an ◊  
The remaining federal and state permits, approvals and consultations described in this Appendix may be necessary prior to construction and operation of the project.

Corps of Engineers:  
 Section 404 Permits for the Discharge of Dredged & Fill Materials 33 U.S.C. 1344  
 Section 10 Permits for Structures in or Affecting Navigable Waters 33 U.S.C. 403

# Susitna Hydroelectric Project FEDERAL PERMITS



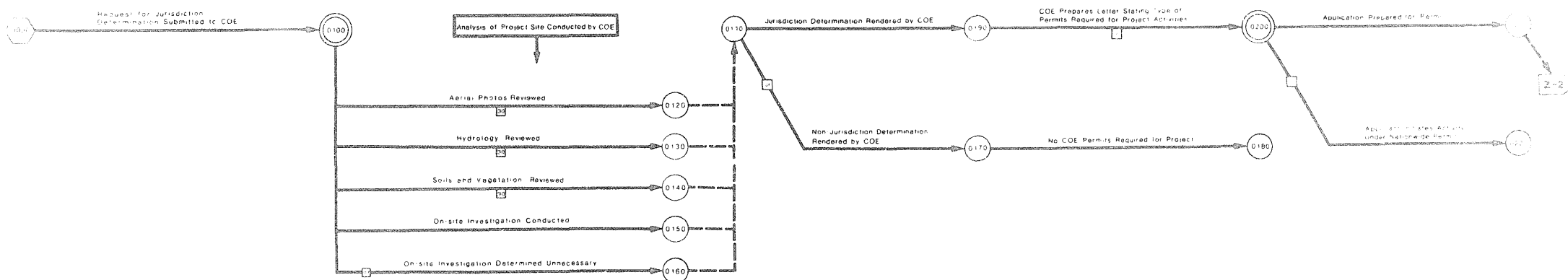
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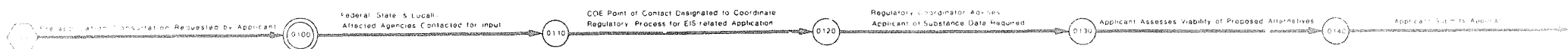
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**Corps of Engineers:  
Pre-Application Jurisdiction Determination**

**Susitna Hydroelectric Project  
FEDERAL PERMITS**



**Pre-Application Consultation 33 CFR 325.1**



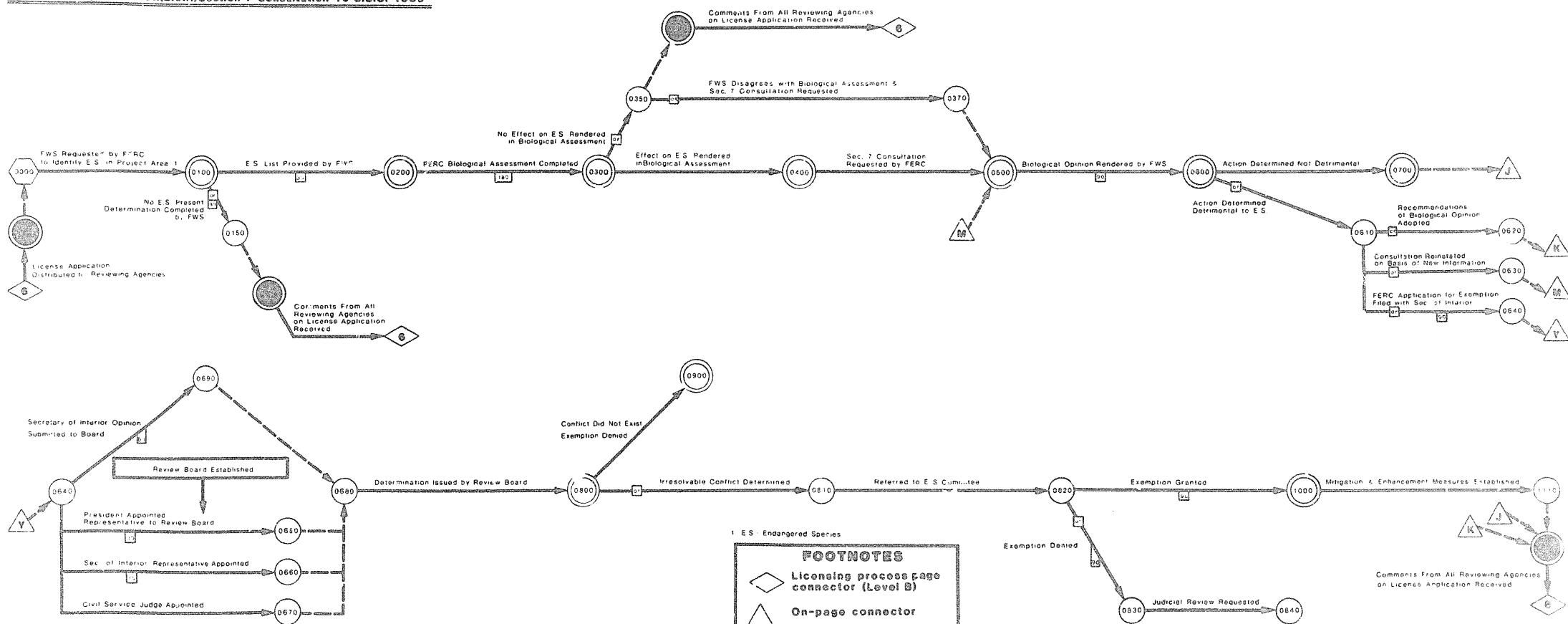
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Provided by Alaska Power Authority

**U.S Fish & Wildlife Service  
Endangered Species Act (E.S.A) Section 7 Consultation 16 U.S.C. 1539\***

**Susitna Hydroelectric Project  
FEDERAL PERMITS**



\* E.S. - Endangered Species

**FOOTNOTES**

◇ Licensing process page connector (Level B)

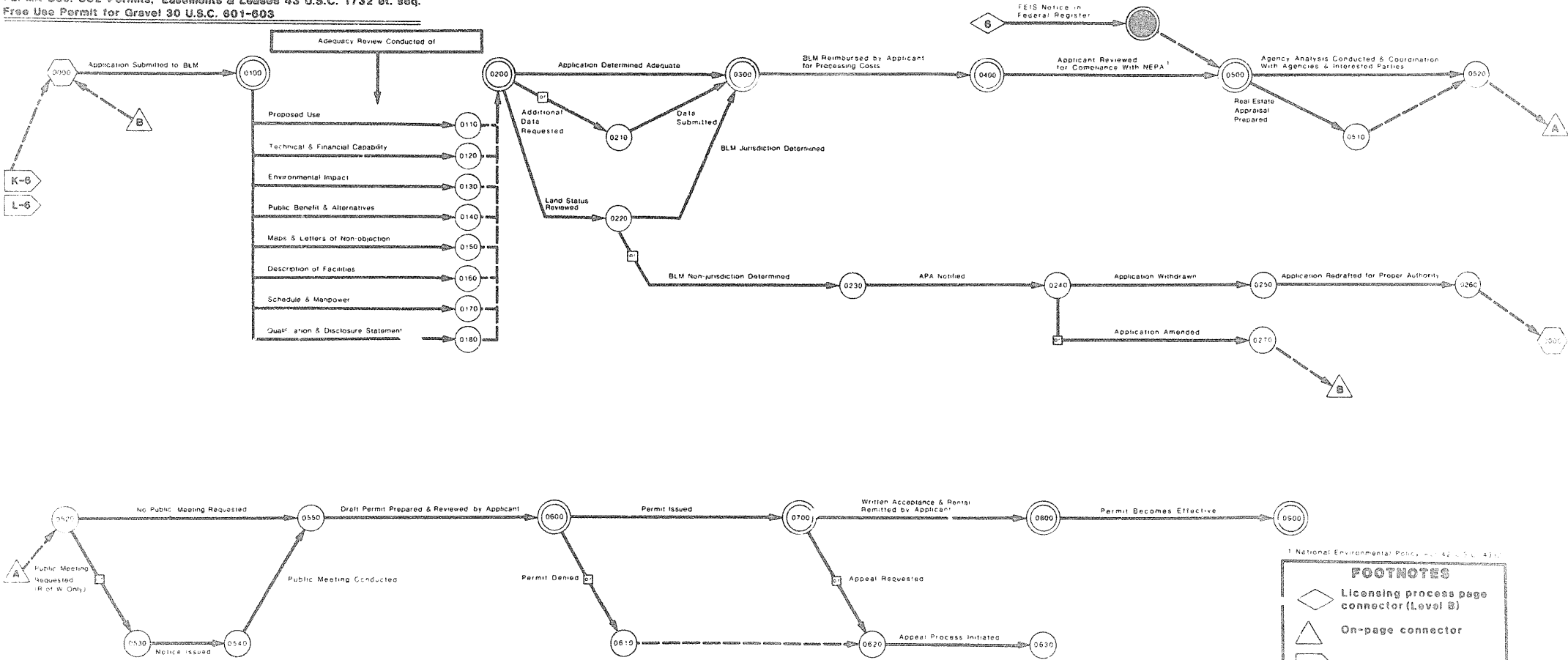
△ On-page connector

▢ Off-page connector references page number

Provided by Alaska Power Authority

Bureau of Land Management  
Grant of Right-of-Way 43 U.S.C. 1761 et. seq.  
Temporary Use Permit 43 U.S.C. 1764  
FLPMA Sec. 302 Permits, Easements & Leases 43 U.S.C. 1732 et. seq.  
Free Use Permit for Gravel 30 U.S.C. 601-603

Susitna Hydroelectric Project  
FEDERAL PERMITS



<sup>1</sup> National Environmental Policy Act (42 U.S.C. 4321)

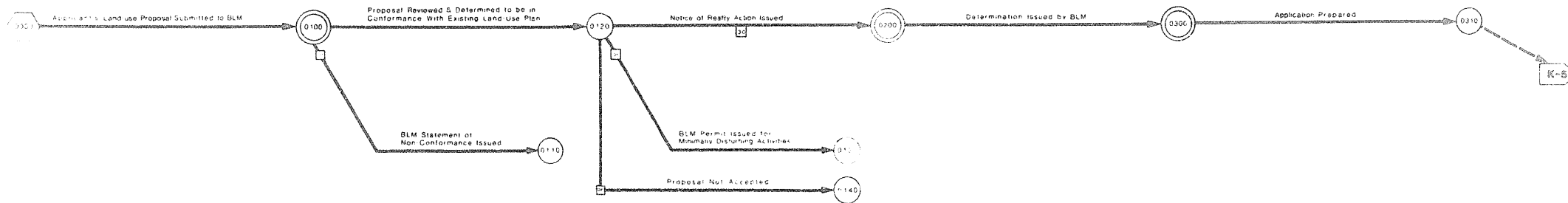
**FOOTNOTES**

- ◇ Licensing process page connector (Level B)
- △ On-page connector
- Off-page connector references page number

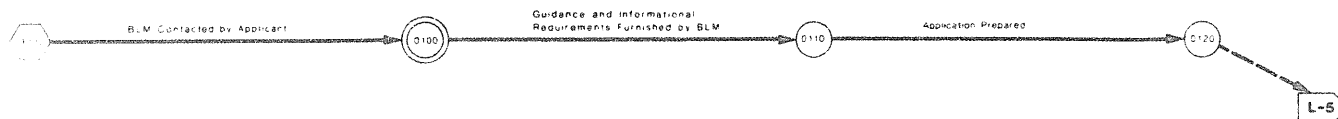
Provided by Alaska Power Authority

## Susitna Hydroelectric Project FEDERAL PERMITS

**Bureau of Land Management:**  
FLPMA Sec. 302 Pre-Application Procedures for Public Initiated  
Land-use Proposals 43 U.S.C. 1732 et. seq.



**Right-of-Way Grant & Temporary Use Permit**  
Pre-application Activity 43 U.S.C. 1761 et. seq.

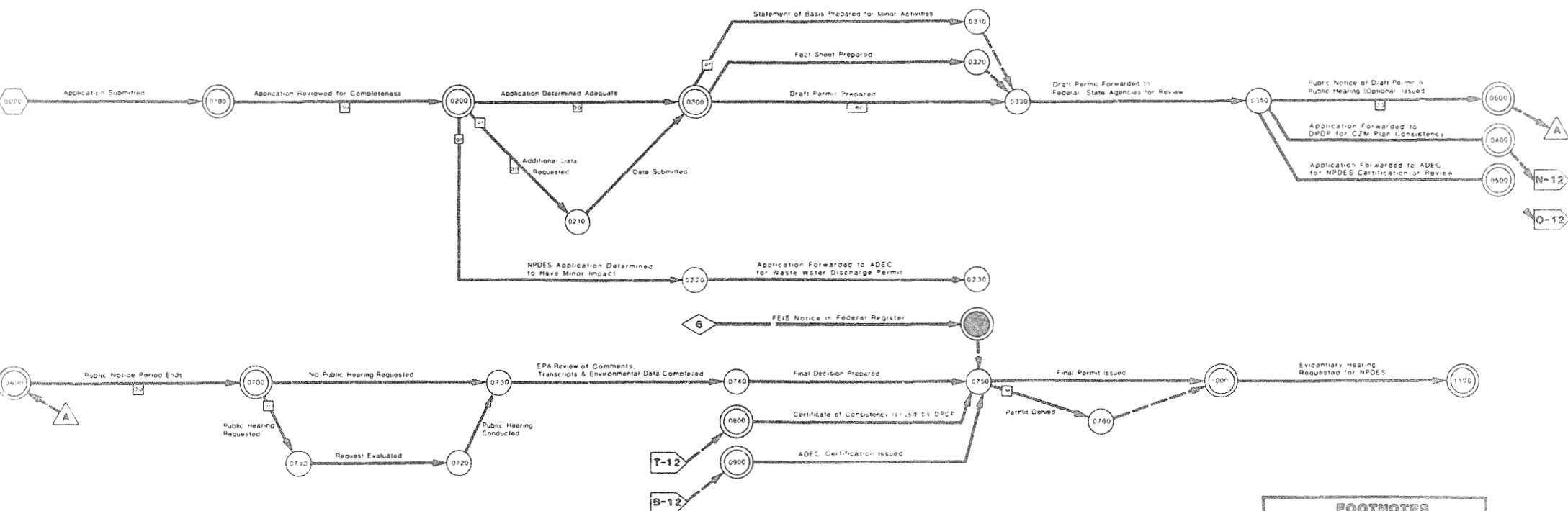


### FOOTNOTES

-  Licensing process page connector (Level B)
-  On-page connector
-  Off-page connector references page number

Provided by Alaska Power Authority

# Susitna Hydroelectric Project FEDERAL PERMITS



**FOOTNOTES**

- ◆ Licensing process page connector (Level B)
- △ On-page connector
- Off-page connector references page number

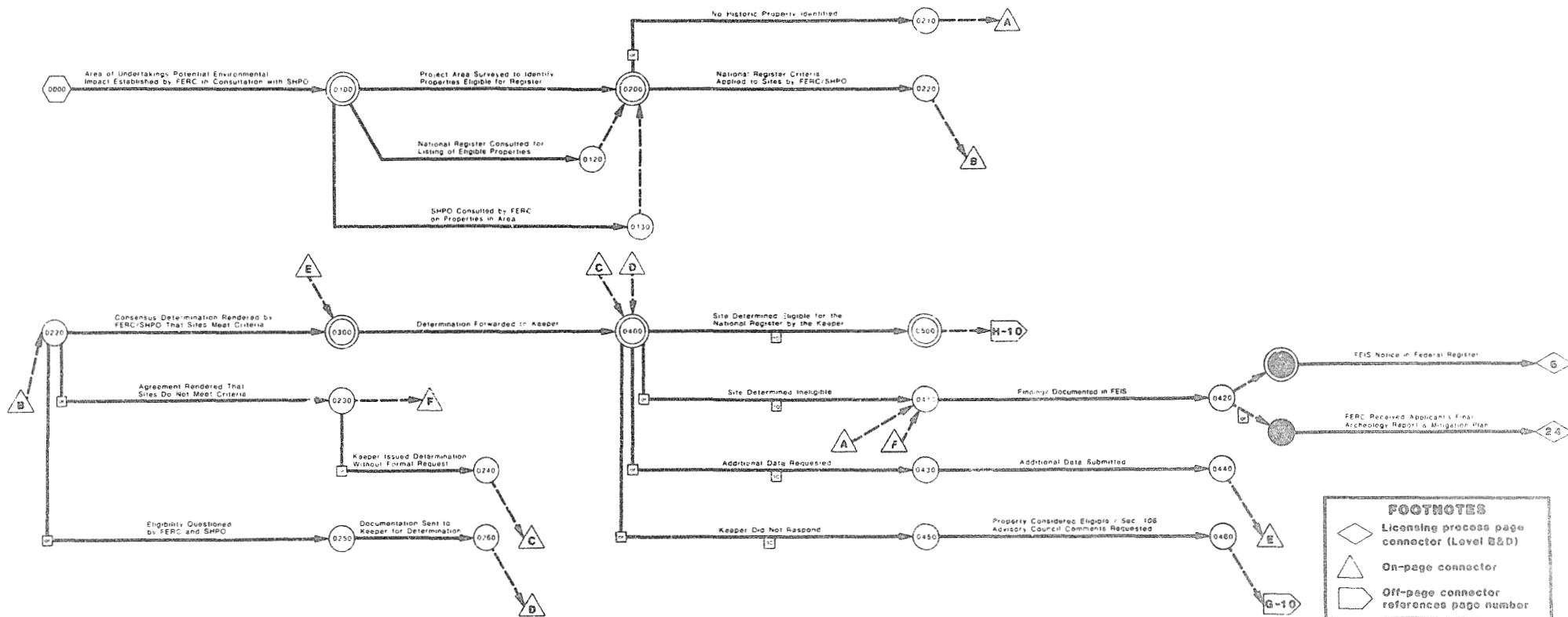
Provided by Alaska Power Authority

Environmental Protection Agency  
Prevention of Significant Deterioration (PSD) Permit 42 U.S.C. 7470 et. seq.



**Identification of Sites Eligible for National Register**  
**16 U.S.C. 470 36 CFR 800, 1200**

**Sustna Hydroelectric Project**  
**FEDERAL PERMITS**



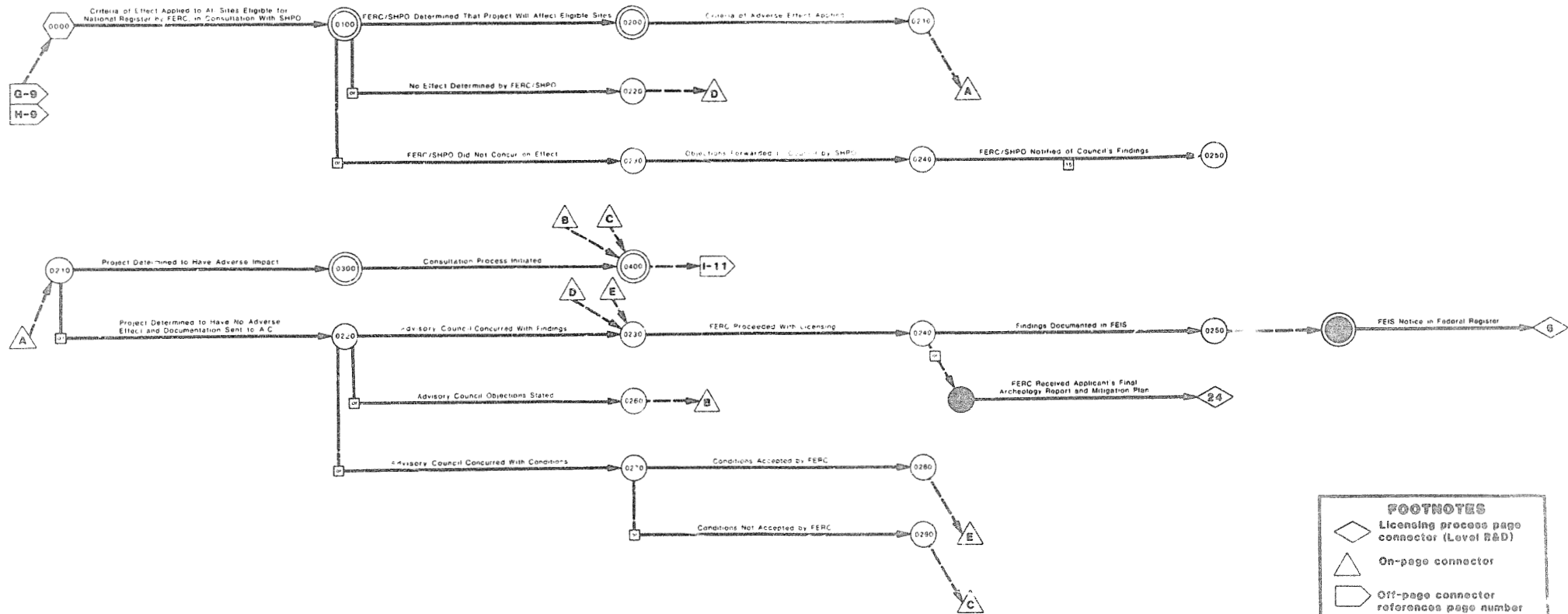
**FOOTNOTES**

- ◊ Licensing process page connector (Level B&D)
- △ On-page connector
- ◻ Off-page connector references page number

Provided by Alaska Power Authority

# Susitna Hydroelectric Project FEDERAL PERMITS

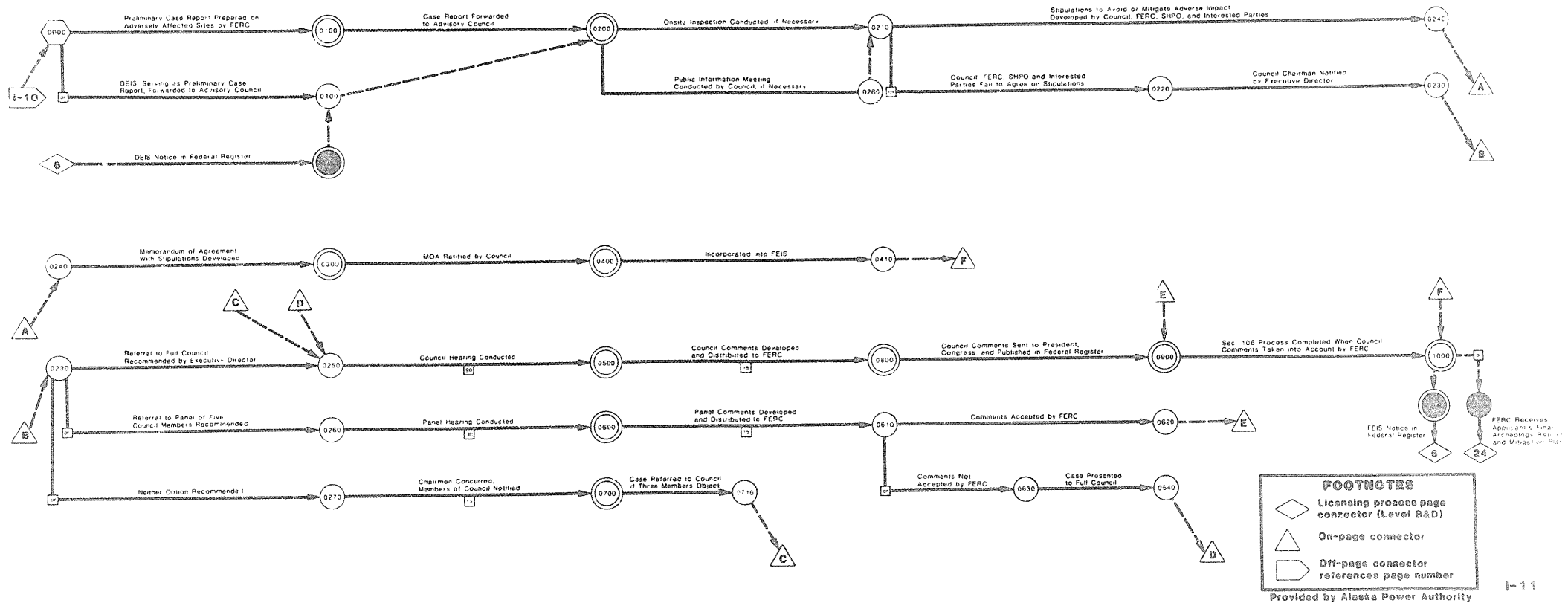
Determination of Effect on Sites Eligible for National Register  
16 U.S.C. 470 36 CFR 800.2(d), 800.3(a), 800.4(b)



**FOOTNOTES**  
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 ▲ On-page connector  
 □ Off-page connector references page number  
 Provided by Alaska Power Authority

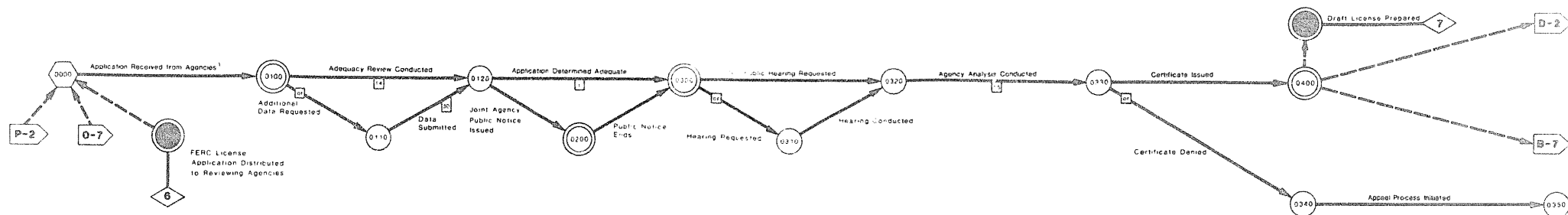
# Susitna Hydroelectric Project FEDERAL PERMITS

Advisory Council Consultation Process  
43 CFR 800.4, 800.6, 800.13



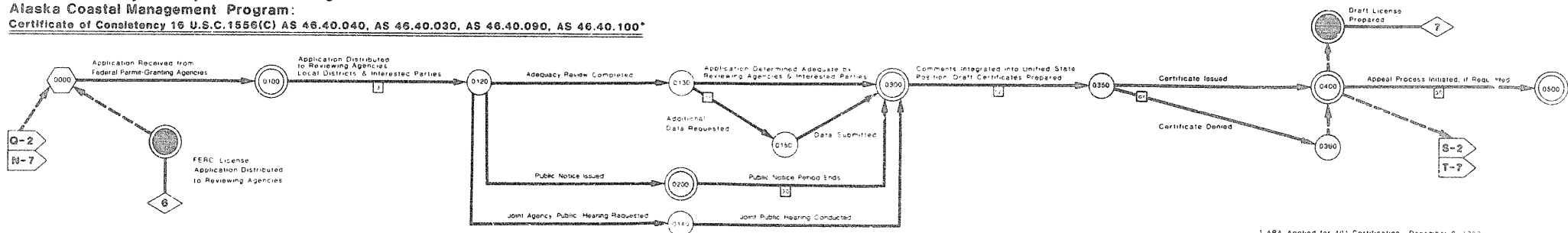
Alaska Department of Environmental Conservation:  
Certificate of Reasonable Assurance 33 U.S.C. 1342\*  
NPDES Certification 18 ACC 15.130-15.180

Susitna Hydroelectric Project  
STATE PERMITS



Division of Policy Development & Planning  
Alaska Coastal Management Program:

Certificate of Consistency 16 U.S.C. 1556(C) AS 46.40.040, AS 46.40.030, AS 46.40.090, AS 46.40.100\*



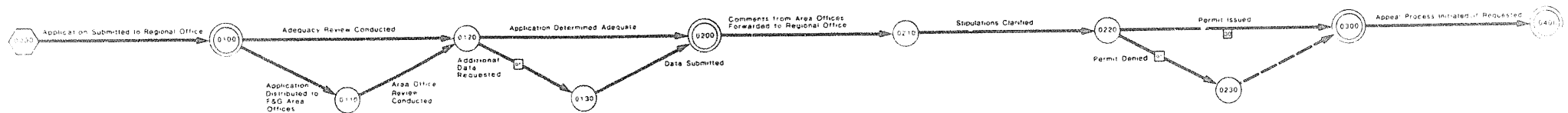
1 APA Applied for 401 Certification December 9, 1982

| FOOTNOTES |                                            |
|-----------|--------------------------------------------|
| ◇         | Licensing process page connector (Level B) |
| △         | On-page connector                          |
| □         | Off-page connector references page number  |

Provided by Alaska Power Authority

Alaska Department of Fish & Game:  
 Permit to Construct Facilities Providing for  
 the Efficient Passage of Fish AS 16.05.840  
 Permit to Conduct Activities in or Affecting  
 Anadromous Fish Streams AS 16.05.870

# Susitna Hydroelectric Project STATE PERMITS



**FOOTNOTES**

◊ Licensing process page connector (Level B)

△ On-page connector

▢ Off-page connector references page number

Provided by Alaska Power Auth. .y

# Alaska Department of Natural Resources:

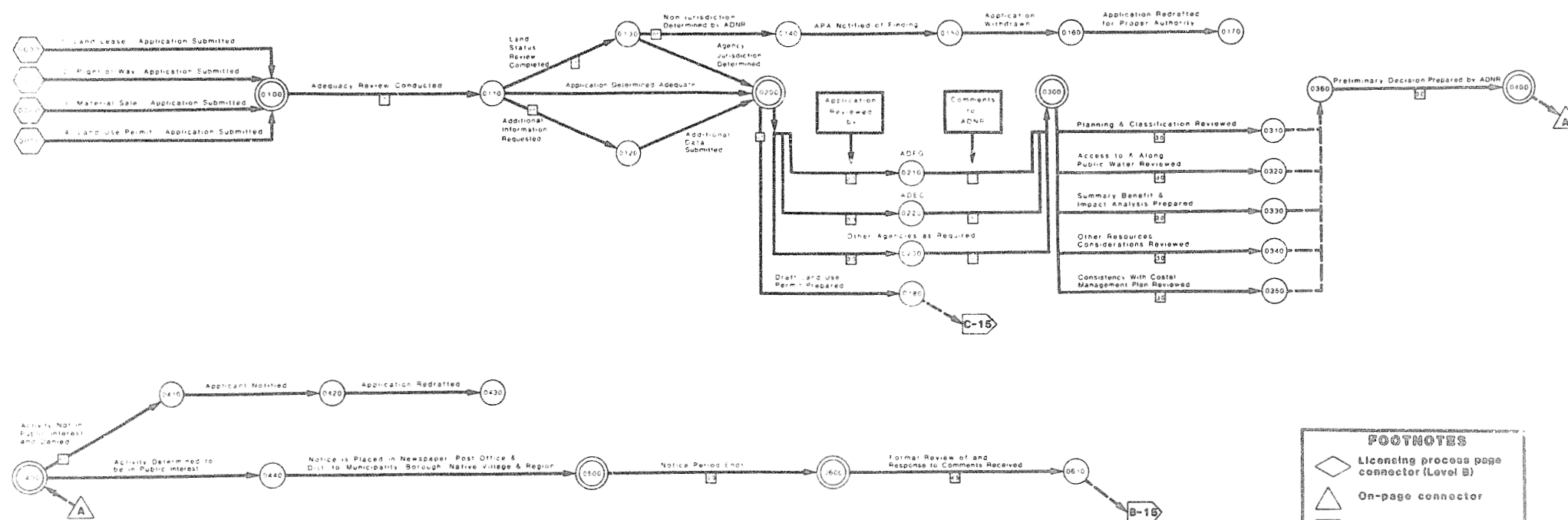
Right-of-Way Permit for an Easement  
Land Use Permit

AS 38.05.020 AS 38.05.315 AS 38.05.330 AS 38.05.055 AS 38.05.127

Material Sales AS 38.05.020 AS 38.05.115 AS 38.05.315 AS 38.05.035

Land-Lease AS 38.05.070-AS 38.05.105 AS 38.05.315

## Susitna Hydroelectric Project STATE PERMITS



**FOOTNOTES**

◆ Licensing process page connector (Level B)

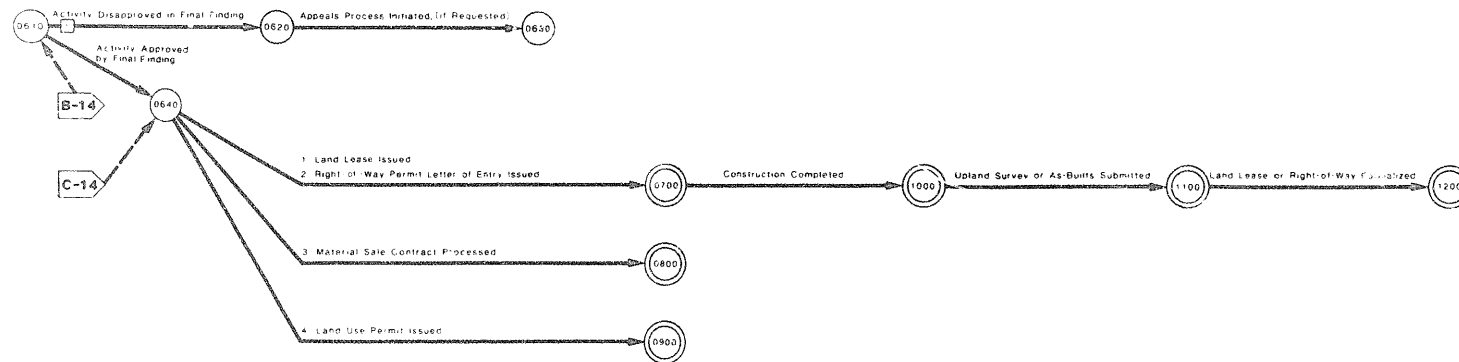
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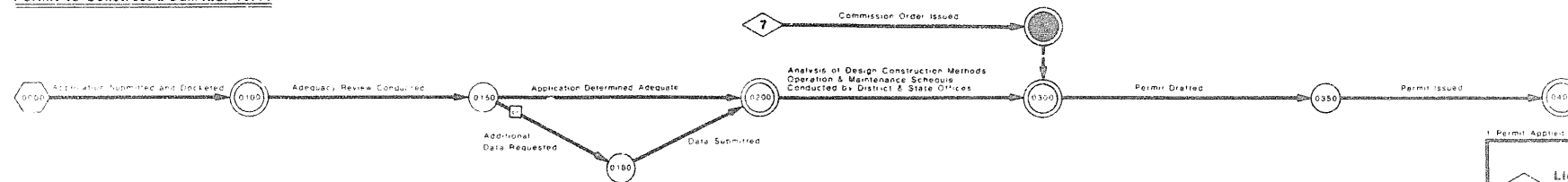
Provided by Alaska Power Authority

Alaska Department of Natural Resources, continued:

**Susitna Hydroelectric Project  
STATE PERMITS**



Permit to Construct a Dam A.S. 46.15<sup>1</sup>



<sup>1</sup> Permit Applied for on August 23, 1967.

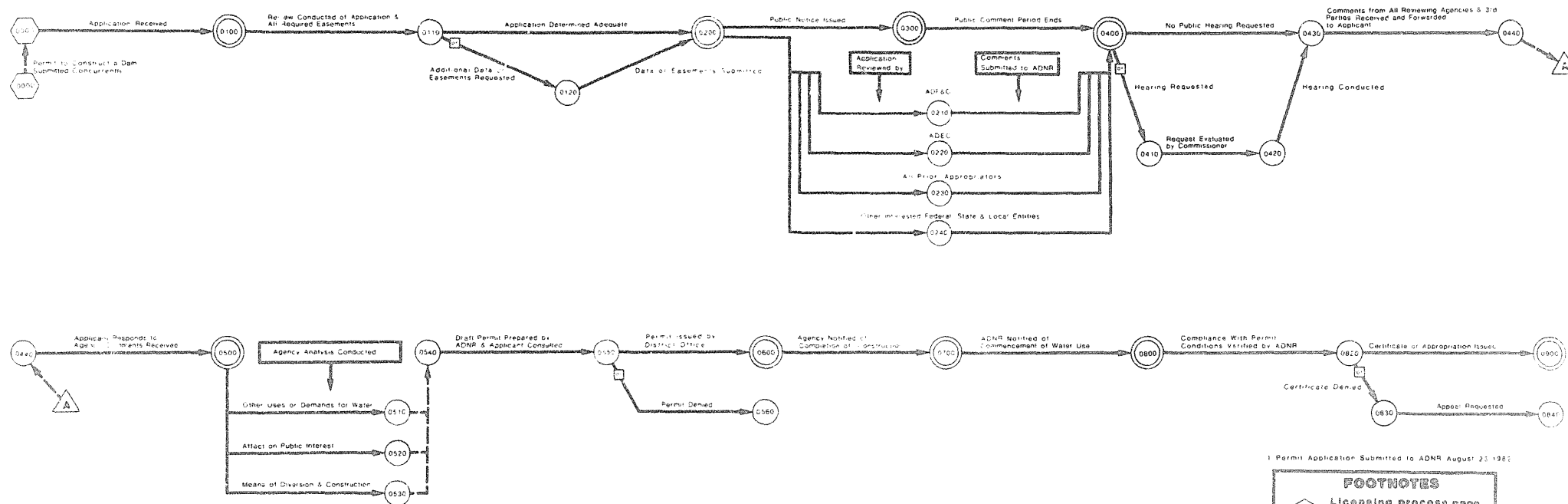
**FOOTNOTES**

- ◊ Licensing process page connector (Level B)
- △ On-page connector
- Off-page connector reference page number

Provided by Alaska Power Authority

Alaska Department of Natural Resources:  
Water Rights Permit & Certificate of Appropriation AS 46.15.010 et. seq. 11 ACC 93.140<sup>1</sup>

Susitna Hydroelectric Project  
STATE PERMITS



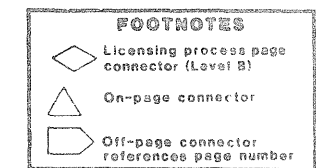
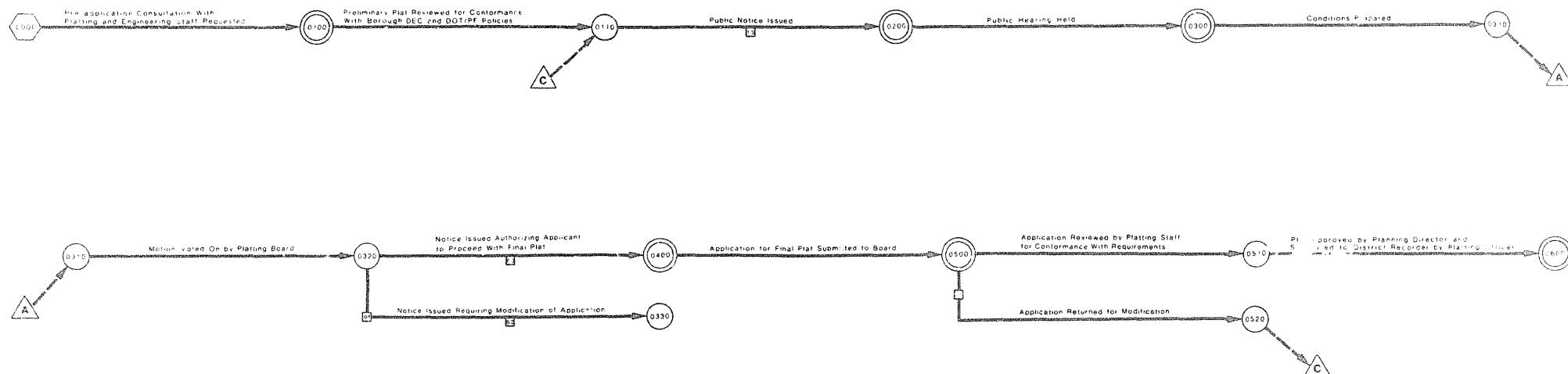
<sup>1</sup> Permit Application Submitted to ADNR August 23, 1982

| FOOTNOTES |                                            |
|-----------|--------------------------------------------|
|           | Licensing process page connector (Level B) |
|           | On-page connector                          |
|           | Off-page connector reference page number   |

Provided by Alaska Power Authority

**Matanuska-Susitna Borough**  
Plats, Variances, Vacations, Waivers AS 29.33.015 MSB 16.15.010-.015

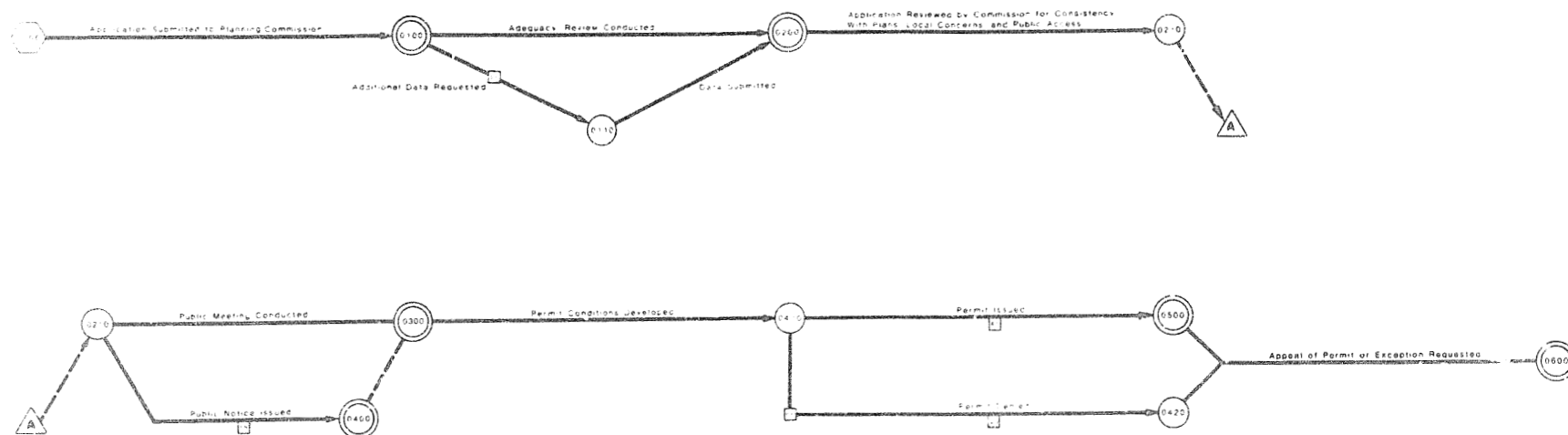
**Susitna Hydroelectric Project**  
**LOCAL PERMITS**



Provided by Alaska Power Authority

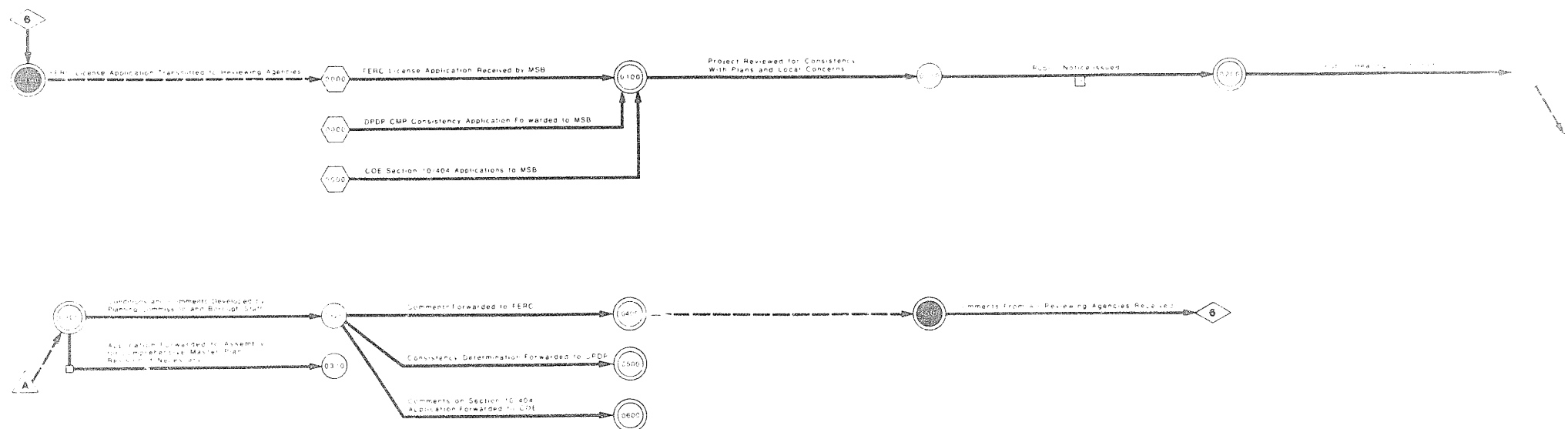
Matanuska-Susitna Borough  
 Talkeetna Mountain Special Use District  
 Permits for Enterprise Activities MSB 17.24.140  
 Exceptions to Chapter Provisions  
 for Public Facilities MSB 17.24.170

## Susitna Hydroelectric Project LOCAL PERMITS



| FOOTNOTES |                                            |
|-----------|--------------------------------------------|
|           | Licensing process page connector (Level 2) |
|           | On-page connector                          |
|           | Off-page connector references page number  |

# Susitna Hydroelectric Project LOCAL PERMITS



| FOOTNOTES |                                            |
|-----------|--------------------------------------------|
|           | Licensing process page connector (Level B) |
|           | On-page connector                          |
|           | Off-page connector references page number  |

## Susitna Hydroelectric Project LIST OF AGENCIES

## APPENDIX J

### Federal

Department of Agriculture  
 Chief of the Forest Service  
 Department of Agriculture  
 P.O. Box 2417  
 Washington, D.C. 20013

Regional Director  
 Forest Service  
 Box 1628 - Federal Office Building  
 Juneau, Alaska 99802

Director, Western Area - Electric  
 Rural Electrification Administration  
 14th and Independence SW  
 Washington, D.C. 20254

Soil Conservation Service  
 2221 E. Northern Lights Blvd.  
 Suite 129  
 Anchorage, Alaska 99504

Department of Commerce  
 Deputy Assistant General for  
 Environmental Affairs  
 Department of Commerce  
 Washington, D.C. 20230

Director, Alaska Region  
 National Marine Fisheries Service  
 P.O. Box 1668  
 Juneau, Alaska 99802

Director  
 Office of Coastal Zone Management  
 3300 Whitehaven Street, NW  
 Washington, D.C. 20235

Department of the Interior  
 Director  
 Office of Environmental Project Review  
 Department of the Interior  
 Washington, D.C. 20240

Area Director  
 U.S. Fish and Wildlife Service  
 1011 East Tudor Road  
 Anchorage, Alaska 99503

State Director  
 Bureau of Land Management  
 701 C Street, Box 13  
 Anchorage, Alaska 99513

Director  
 Regional Environmental Review Office  
 1675 C Street, Room 233  
 P.O. Box 120  
 Anchorage, Alaska 99510

Regional Director  
 National Park Service  
 540 West Fifth Avenue  
 Room 202  
 Anchorage, Alaska 99501

Area Director  
 Bureau of Indian Affairs  
 P.O. Box 3-8000  
 Juneau, Alaska 99802

U.S. Geological Survey  
 733 W. Fourth Avenue, Suite 400  
 Anchorage, Alaska 99501

Bureau of Mines  
 Chief, Alaska Field Operations Center  
 Washington, D.C. 20241

Regional Director  
 Bureau of Reclamation  
 P.O. Box 043, U.S. Court House  
 550 W. Fort Street  
 Boise, Idaho 83742

Department of the Army  
 District Engineer  
 Corps of Engineers  
 P.O. Box 7002  
 Anchorage, Alaska 99510

Department of Energy  
 Director  
 Alaska Power Administration  
 P.O. Box 50  
 Juneau, Alaska 99802

Department of Health and Human Services  
 200 Independence Avenue, SW  
 Washington, D.C. 20201

Department of Housing and Urban Development  
 451 7th Street SW  
 Washington, D.C. 20410

Department of Transportation  
 U.S. Coast Guard  
 2100 2nd Street, SW  
 Washington, D.C. 20590

Federal Aviation Administration  
 800 Independence Avenue, SW  
 Washington, D.C. 20591

U.S. Environmental Protection Agency  
 Regional Administrator  
 Environmental Protection Agency  
 1200 Sixth Avenue  
 Seattle, Washington 98101

### State

Alaska Department of Environmental Conservation  
 Pouch O  
 Juneau, Alaska 99811

Alaska Department of Fish and Game  
 Support Building  
 Juneau, Alaska 99801

Alaska Department of Natural Resources  
 Pouch M  
 Juneau, Alaska 99801

Alaska Department of Public Safety  
 450 Whittier Street  
 Juneau, Alaska 99801

Alaska Public Utilities Commission  
 1100 Mackay Building  
 338 Donald Street  
 Anchorage, Alaska 99802

Alaska State-Federal Coordinator  
 Office of the Governor  
 Pouch AD  
 Juneau, Alaska 99811

Office of the Governor  
 Division of Policy Development and Planning  
 Pouch AW  
 Juneau, Alaska 99811

Office of Coastal Management  
 Office of the Governor, Alaska  
 Pouch AP  
 Juneau, Alaska 99811

State Historic Preservation Officer  
 519 Warehouse Drive, Suite 210  
 Anchorage, Alaska 99501

# **Susitna Hydroelectric Project** **SIGNIFICANT MILESTONES**

**APPENDIX K**

| <u>EVENT</u>                              | <u>MILESTONE</u> | <u>DATE</u>        | <u>REMARKS</u>                                                                            |
|-------------------------------------------|------------------|--------------------|-------------------------------------------------------------------------------------------|
| Application Filed                         | 0500             | February 28, 1983  |                                                                                           |
| Application Found to<br>be Non-Conforming | 0900             | April 12, 1983     | Application was not in complete<br>conformance with Commission's<br>regulations           |
| Corrected Application Filed               | 1000             | July 11, 1983      |                                                                                           |
| Application Determined<br>Adequate        | 2000             | July 29, 1983      |                                                                                           |
| Public Notice Issued                      | 4005             | August 5, 1983     |                                                                                           |
| Applicant Delay ①                         | 5050             | September 29, 1983 | Report on fisheries not<br>submitted by APA                                               |
| Fisheries Report Filed                    | 5050             | October 31, 1983   |                                                                                           |
| FERC Delay ①                              | 2385             | November 10, 1983  | FERC staff requires<br>additional time to identify<br>and analyze generation alternatives |