

LEG. FINANCE - BILLS 1979 - 1980 1220

CSHJR 30 cont. thru HCR 30 1280

CORDOVA PUBLIC UTILITIES
TWO YEAR WORK PLAN
TWO YEAR INVESTMENT BREAKDOWN

GENERATION

	ACT	NON ACT	TOTAL
INTERIM GENERATION (EMERGENCY 2000 KW)	\$ 30,000	\$ 120,000	\$ 150,000
LAND AND LAND RIGHTS	85,000	330,000	415,000
STRUCTURES AND IMPROVEMENTS	330,000	1,320,000	1,650,000
ROADS	0	100,000	100,000
MECHANICAL EQUIPMENT (5300 KW DIESEL)	1,000,000	650,000	1,650,000
ELECTRICAL EQUIPMENT	600,000	140,000	740,000
STEP UP SUBSTATION (10,000 KVA 4.16-12.47kv)	160,000	100,000	260,000
ENGINEERING FEES	325,000	410,000	735,000
<u>POWER CREEK PRELIMINARY STUDIES & SURVUYS</u>	0	370,000	370,000
TOTAL*****	\$ 2,530,000	3,540,000	6,070,000

NOTE: INVESTMENT ALLOCATIONS WERE BASED ON THE NUMBER OF ACT AND NON ACT BENEFICIARIES AS DETERMINED IN THE 1977 POWER REQUIREMENTS STUDY.

Excerpted 1977 Study, Mark's Engineering.



OFFICIAL BUSINESS

Alaska State Legislature
Senate

POUCH V
CAPITOL BUILDING
JUNEAU, ALASKA 99811

March 15, 1979

Perry D. Lovett
City Manager
City of Cordova
Box 1210
Cordova, AK 99574

Dear Perry:

I received your letter of March 12 and it seems to me that Ernie Haugen's strategy is for me to put the bill in. This will result in no results if the Governor vetoes it as he has done in the past. As much as I respect Ernie Haugen, I have to admit that his "strategies" seem to me to be - in a farmer's words - pure B.S.

or amendment x

If I am wrong in all this, please let me know.

Sincerely,

Jalmar Kerttula
Minority Leader

x you vetoed us out before by reduction of appropriation!

Phone: (907) 424-3237
or 424-3238

CITY OF CORDOVA

Box 1210

CORDOVA, ALASKA 99574

"The Friendly City"

Reply to:

MAR 14 1979

March 12, 1979

Honorable Jay Kerttula
Pouch "V"
Juneau, Alaska 99811

Dear Senator *Jay* Kerttula:

I received a call this afternoon from Representative Ernie Haugen concerning our hydro-power project for Cordova.

Ernie advised me that you have really been working hard on our behalf to include Cordova in the bill. As I understand, from Ernie and Terry McGuire of Alaska Power Authority that the three house bills would be combined into one and Ernie advised me that you and he had devised a strategy to include Cordova on the Senate side.

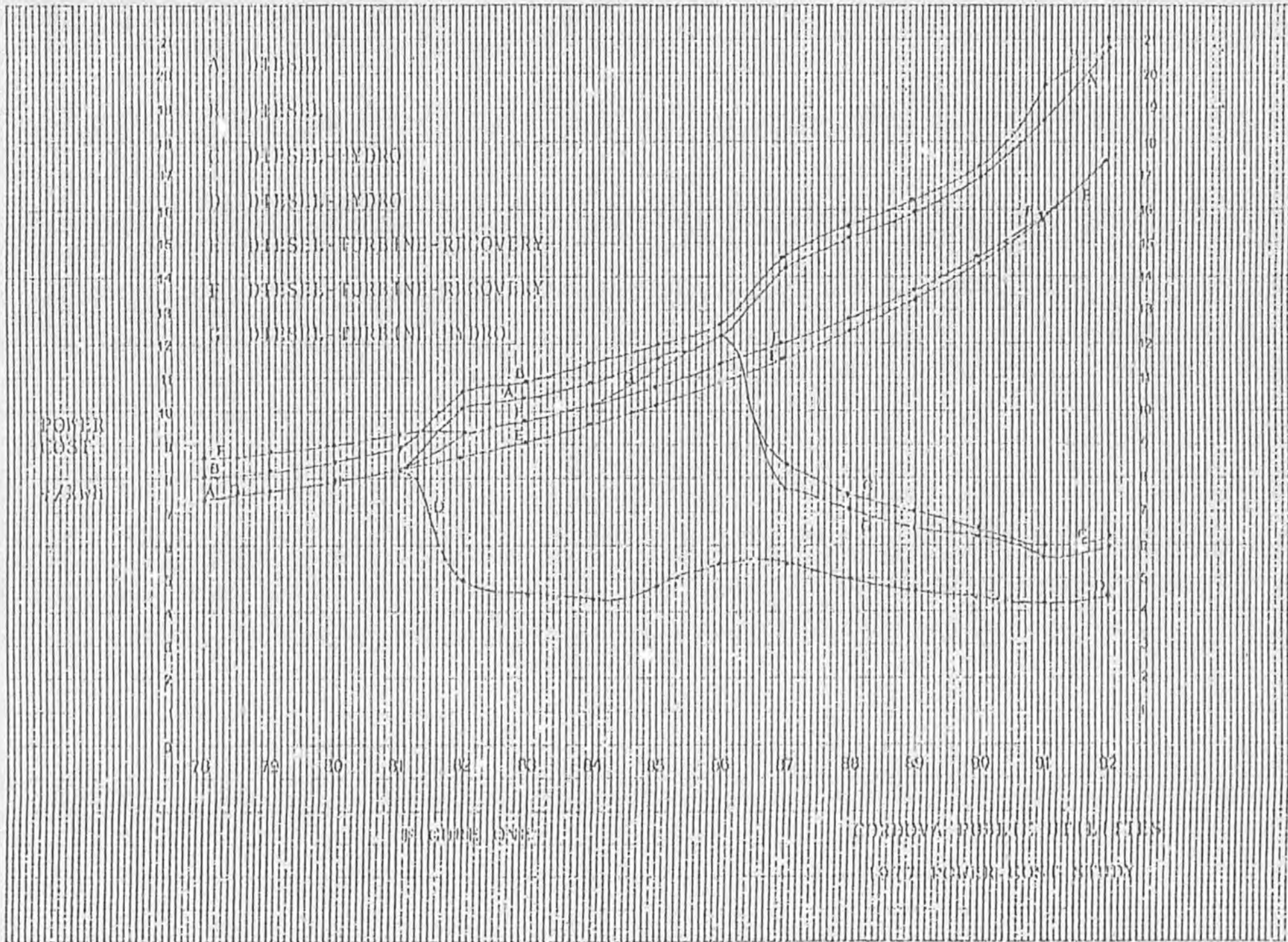
I have two estimates by engineering firms for the Cordova project. One was prepared by Mark's Engineering in 1977 that has \$370,000 for preliminary studies and surveys plus \$100,000 for access roads to conduct the studies for a total of \$470,000. I have a more recent study dated January 30, 1979 from the firm of Harstad Associates, Inc. for the same study which did not include the access road in the amount of \$430,000. I would believe that a cost estimate including the access road and the study would be \$470,000 to \$500,000.

Please use us as your backup material to include Cordova in the combined bill. If I can be of further service, please call me immediately.

Very truly yours,

Perry D. Lovett
Perry D. Lovett
City Manager

Attachments



MARKS ENGINEERING
Anchorage, Alaska

1977 POWER COST STUDY

For:
CORDOVA PUBLIC UTILITIES

PAGE 1 OF 2

PLAN AVERAGE COST SUMMARY

	5 YEAR AVG.	10 YEAR AVG.	15 YEAR AVG.
PLAN A			
DIESEL			
TOTAL POWER COSTS	1,680.5	2,732.6	4,820.2
UNIT COSTS (\$/KWH)	0.0830	0.1014	0.1268
PLAN B			
DIESEL			
TOTAL POWER COSTS	1,803.0	2,854.1	4,940.1
UNIT COSTS (\$/KWH)	0.0833	0.1065	0.1310
PLAN C			
DIESEL-HYDRO			
TOTAL POWER COSTS	1,685.8	2,541.4	2,783.0
UNIT COSTS (\$/KWH)	0.0823	0.0948	0.0253
PLAN D			
DIESEL-HYDRO			
TOTAL POWER COSTS	1,432.6	1,504.6	1,755.3
UNIT COSTS (\$/KWH)	0.0725	0.0613	0.0561
PLAN E			
DIESEL-TURBINE-RECOVERY			
TOTAL POWER COSTS	1,613.9	2,440.7	4,101.6
UNIT COSTS (\$/KWH)	0.0802	0.0919	0.1102
PLAN F			
DIESEL-TURBINE-RECOVERY-RELOCATE			
TOTAL POWER COSTS	1,804.0	2,612.3	4,259.0
UNIT COSTS (\$/KWH)	0.0900	0.0932	0.1160
PLAN G			
DIESEL-TURBINE-HYDRO			
TOTAL POWER COSTS	1,645.5	2,427.0	2,652.2
UNIT COSTS (\$/KWH)	0.0815	0.0925	0.0825

CORDOVA PUBLIC UTILITIES

1977 POWER COST STUDY

CPU PCS 1977

Hydroelectric Power

Of the several promising hydroelectric sites near Cordova. Power Creek is drawing interest again since it is approximately 6 miles from Cordova and the price of fuel oil and electricity continues to escalate.

Power Creek has an estimated potential of 12,500 KW and \$0,000,000 KWHR/year that can be developed practically within the next 16 years.

In 1969, the Cordova Electorate turned down a proposition to approve bonds and partial Federal financing at 4.5% to build a dam and power plant at Power Creek.

A review of geological surveys and studies indicates that four different sites could be developed. (The most promising site from an economic standpoint may not be possible due to the geology of the abutment, however, additional geologic testing must be conducted to determine its soundness.

The other three locations appear geologically sound, however, testing must be conducted and the economics are not as favorable as the first site.



CORDOVA PUBLIC UTILITIES

1977 POWER COST STUDY

In 1976, the Cordova Electorate turned down a proposition to obtain a loan from the State of Alaska to conduct further geologic and feasibility studies at Power Creek.

Since then, the Cordova Public Utilities has attempted to induce the U.S. Army Corps of Engineers to conduct geologic and feasibility studies at Power Creek. At this time, the Corps has expressed a desire and "capability" to conduct the studies and are pending their Congressional approvals and appropriations; and it is anticipated that the studies can begin by October, 1977.

Other sources of hydroelectric power are available at Woods Canyon on the Copper River south of Tara approximately 140 miles from Cordova. The Tebay Lakes are approximately 100 miles from Cordova and would be accessible by road if and when the Copper River Highway is constructed. Valdez, Alaska, approximately 160 miles from Cordova around the Chugach Mountains, is presently studying the development of hydroelectric sites in its area and power could be transmitted to Cordova via the Copper River route, however, these alternatives represent costly propositions in view of the \$170,000 cost for mile for a transmission line today.



CORDOVA PUBLIC UTILITIES

1977 POWER COST STUDY

CPU PCS 1977

HYDROELECTRIC POWER

DATA & ASSUMPTIONS

Power Creek Hydroelectric Site No. 1, Mile 2.5

Site No. 1 is the most promising potential site from a construction cost standpoint since a natural abutment traverses approximately three quarters of the distance to dam the creek and the amount of fill to complete the dam would be considerably less than the other two potential sites. However, preliminary geological reports indicate that part of the natural abutment is slide material and additional studies and testing are required to render a determination on the geologic soundness of the abutment.

Preliminary cost estimates established in 1969 indicated a total cost of \$2,500,000 for a 2,400 KW hydroelectric plant with a dam at Mile 2.5. Adjusting for inflation and a completion date of 1987, the estimate can be revised to a total cost of \$25,000,000 in 1987 for a 10,000 KW plant.



CORDOVA PUBLIC UTILITIES

1977 POWER COST STUDY

CPU PCS 1977

HYDROELECTRIC POWER

DATA & ASSUMPTIONS

ii. Power Creek Hydroelectric Site No. 2, Mile 5

Site No. 2 appears to be a viable geologic site to construct a rockfill dam by utilizing rock material from Mile 2.5, however, studies and testing are required to render a determination on the site's geologic soundness.

Approximately 5,000,000 cubic yards of rock and clay or concrete fill would be required to construct a dam at Mile 5. Preliminary estimates indicate an approximate cost of 30 to 35 million dollars in 1987 for a 10,000 KW plant.

iii. Power Creek Hydroelectric Site No. 3, Mile 7

Site No. 3 appears to be a viable geologic site to construct a rockfill dam by utilizing rock material from Mile 2.5, however, studies and testing are required to render a determination on the site's geologic soundness.

Approximately 1,500,000 cubic yards of rock and clay or concrete fill would be required to construct a dam at Mile 7. Preliminary



-02-

CORDOVA PUBLIC UTILITIES

1977 POWER COST STUDY

Preliminary estimates indicate an approximate cost of 10 to 15 million dollars in 1985 for a 2,500 MW plant.

W. Power Creek Hydroelectric Site No. 4, Mile 2.5.

Stream flow records during the last several years indicate that a run of the river Hydroelectric plant rated at 5,000 KW could generate approximately 30,000,000 KWH in 8 months at 200 CFS and a 380 foot head.

The installation would consist of a small diversion dam near Mile 3 and a catch basin at Mile 2.5 where a short tunnel and a low pressure conduit would transport the water to Mile 1.

It is estimated that a 5,000 KW run of the river installation could be constructed by 1982 for approximately \$6,000,000.

A dam constructed at Mile 2.5 to store 60,000 acre feet of water in 1987 is estimated at \$10,000,000, and a second 5,000 KW unit would be installed at Mile 1.

Approximately 70,000,000 KWH per year can be generated through this alternative.

The order of magnitude cost estimates for developing hydroelectric power at sites 1 through 4 have been developed to provide a



CORDOVA PUBLIC UTILITIES

1977 POWER COST STUDY

power cost comparison between oil fired units and hydroelectric units through the next 15 years.

More detailed geologic, hydrologic, and engineering studies are necessary to refine the energy and cost estimates.



CORDOVA PUBLIC UTILITIES

1977 POWER COST STUDY

CPU PCS 1977

DATA & ASSUMPTIONS

FUEL OIL CONSUMPTION & COSTS

Historical Data

<u>Year</u>	<u>Gallons Used</u>	<u>Avg. \$/Gal.</u>	<u>Avg. % Annual Increase</u>
1972	96,320	0.15250	
1973	108,634	0.14374	-6.1%
1974	165,615	0.18678	29.9%
1975	280,139	0.29129	55.9%
1976	361,988	0.36122	24.0%

Projected Data

1977	0.45346		20.0%
1978	0.50282	<i>On Tank - Will Eventually prove Conservative</i>	16.0%
1979	0.56316		12.0%
1980	0.61947		10.0%
1981	0.68142		10.0%
1982	0.74956		10.0%
1983	0.82452		10.0%
1984	0.90697		10.0%
1985	0.99767		10.0%
1986	1.09743		10.0%
1987	1.20718		10.0%
1988	1.32789		10.0%
1989	1.46068		10.0%
1990	1.60675		10.0%
1991	1.76743		10.0%
1992	1.94417		10.0%
1993	2.13859		10.0%



CORDOVA PUBLIC UTILITIES

1977 POWER COST STUDY

BASIC PLANS

A review of the demand and energy load growth indicated by the 1977 R.E.A. Power Requirements Study that additional generation is required to meet Cordova's growth and firm power requirements and to retire the old generating Units 7, 8, 9 and 10.

Cordova's need for additional generation in the near term is acute since firm power cannot meet present demand and the local economy depends heavily on the operation of the six canneries. Although outage records have not been kept, it can be stated that the equipment and system reliability is poor.

The following plans have been devised and comparative costs determined based on historical data and anticipated trends during the 15-year period from 1978 to 1992.

Plans A through G were evolved utilizing R.E.A. interest at 5% with principal payments deferred in the first three years.

Plans A1 through G1 were evolved utilizing R.E.A. interest at 2% with principal payments deferred in the first three years.



CORDOVA PUBLIC UTILITIES

1977 POWER COST STUDY

PLAN D

Plan D is a diesel and hydroelectric alternative that can meet Cordova's power requirements between 1978 and 1992.

A refurbished and warranted 2,650 KW diesel generator, Unit 3, would be installed in early 1978, the substation upgraded to meet R.E.A. and N.E.C. standards, and Units 7, 8, 9, and 10 removed and auctioned off. Unit 3 would be installed adjacent to Unit 2 in what is now a laydown and shop area. The 60' x 30' area vacated by Units 7, 8, 9, and 10 would be converted into a control and switchgear room, and a shop area.

In 1982, a 5,000 KW run of the stream hydroelectric plant would be built at Mile 1 in Power Creek, approximately seven miles from Cordova, and would generate energy eight months per year.

A dam would be constructed at Mile 2.5 in Power Creek in 1987 to provide approximately 50,000 acre feet of storage and an additional 5,000 KW unit would be installed at Mile 1.



CORDOVA PUBLIC UTILITIES

PLAN D DETAIL: SUMMARY

	1978	1979	1980	1981	1982	1983	1984	1985
LOAD DATA								
DEMAND-KW	3,100	3,400	3,700	4,100	4,500	4,900	5,400	5,900
ENERGY-GWH	16.5	18.0	19.9	21.8	23.6	25.8	28.0	31.0
LOAD FACTOR-%	60.8	60.7	61.4	60.7	59.9	60.1	59.2	60.0
GENERATION								
TOTAL CAPACITY-KW	7,000	7,250	7,250	7,250	12,250	12,250	12,250	12,250
FIRM CAPACITY-KW	4,000	4,600	4,600	4,600	7,250	7,250	7,250	7,250
INVESTMENTS (\$1,000)								
REA	600	0	0	0	4,200	0	0	0
CPU	400	0	0	0	1,800	0	0	0
TOTAL	1,000	0	0	0	6,000	0	0	0
FIXED COSTS (\$1,000)								
DEPRECIATION	86.2	75.4	75.4	75.4	195.4	195.4	195.4	195.4
INTEREST	130.9	126.4	121.6	120.1	469.2	460.4	450.5	437.6
INSURANCE	52.7	56.3	60.2	64.4	84.7	90.7	97.0	103.8
LABOR-TAX	7.2	7.7	8.2	8.8	9.4	10.1	10.8	11.6
TOTAL	277.0	265.9	265.5	268.8	758.8	756.6	753.7	748.4
PRODUCTION COSTS (\$1,000)								
LABOR	207.0	222.0	237.0	254.0	271.0	291.0	311.0	333.0
FUEL	633.3	774.8	941.8	1,135.0	91.6	113.4	138.7	381.5
LUBRICANTS & SUPPLIES	63.3	77.4	94.1	113.5	9.1	11.3	13.8	38.1
MAINTENANCE MATERIALS	37.3	42.7	49.5	56.6	16.2	18.6	21.1	31.0
TOTAL	940.9	1,116.9	1,322.4	1,559.1	387.9	434.3	484.6	783.6
TOTAL POWER COSTS (\$1,000)								
	1,217.9	1,382.8	1,587.9	1,827.9	1,146.7	1,190.9	1,238.3	1,532.0
TOTAL GENERATION-GWH								
	16.5	18.0	19.9	21.8	23.6	25.8	28.0	31.0
UNIT COSTS (\$/KWH)								
	0.0738	0.0768	0.0797	0.0838	0.0485	0.0461	0.0442	0.0494

5% Financing

CORDOVA PUBLIC UTILITIES

PLAN D DETAILS SUMMARY

	1986	1987	1988	1989	1990	1991	1992
LOAD DATA							
DEMAND-KW	6,500	7,100	7,800	8,500	9,400	10,300	11,300
ENERGY-GWH	33.8	37.2	41.0	45.0	49.4	54.3	59.6
LOAD FACTOR-%	59.4	59.8	60.0	60.4	60.0	60.2	60.2
GENERATION							
TOTAL CAPACITY-KW	12,250	17,250	17,250	17,250	17,250	17,250	17,250
FIRM CAPACITY-KW	7,250	12,250	12,250	12,250	12,250	12,250	12,250
INVESTMENTS (\$1,000)							
REA	0	8,000	0	0	0	0	0
GPU	0	2,000	0	0	0	0	0
TOTAL	0	10,000	0	0	0	0	0
FIXED COSTS (\$1,000)							
DEPRECIATION	195.4	395.4	395.4	395.4	395.4	395.4	395.4
INTEREST	423.3	368.3	351.2	331.3	305.2	277.6	251.5
INSURANCE	111.1	155.6	166.6	178.2	190.7	206.1	218.3
LABOR-TAX	12.4	13.2	14.2	15.2	16.2	17.4	18.6
TOTAL	742.2	1,532.6	1,527.4	1,520.1	1,507.6	1,494.5	1,483.8
PRODUCTION COSTS (\$1,000)							
LABOR	356.0	381.0	407.0	436.0	466.0	499.0	534.0
FUEL	654.2	110.7	101.5	111.6	171.9	275.6	535.0
LUBRICANTS & SUPPLIES	65.4	11.0	10.1	11.1	17.1	17.5	53.5
MAINTENANCE MATERIALS	41.0	27.4	30.4	34.2	39.5	43.3	56.5
TOTAL	1,116.6	530.1	549.0	592.9	694.5	735.4	1,179.0
TOTAL POWER COSTS (\$1,000)							
	1,858.8	2,062.7	2,076.4	2,113.0	2,202.1	2,229.9	2,662.8
TOTAL GENERATION-GWH							
	33.8	37.2	41.0	45.0	49.4	54.3	59.6
UNIT COSTS (\$/KWH)							
	0.0549	0.0554	0.0506	0.0469	0.0445	0.0418	0.0446

5% Financing

CORDOVA PUBLIC UTILITIES

PLAN 01 DETAIL: SUMMARY

	1986	1987	1988	1989	1990	1991	1992
LOAD DATA							
DEMAND-KW	6,500	7,100	7,800	8,500	9,400	10,300	11,300
ENERGY-GMI	33.8	37.2	41.0	45.0	49.4	54.3	59.6
LOAD FACTOR-%	59.4	59.8	60.0	60.4	60.0	60.2	60.2
GENERATION							
TOTAL CAPACITY-KW	12,250	17,250	17,250	17,250	17,250	17,250	17,250
FIRM CAPACITY-KW	7,250	12,250	12,250	12,250	12,250	12,250	12,250
INVESTMENTS (\$1,000)							
REA	0	8,000	0	0	0	0	0
CPU	0	2,000	0	0	0	0	0
TOTAL	0	10,000	0	0	0	0	0
FIXED COSTS (\$1,000)							
DEPRECIATION	195.4	335.4	335.4	335.4	335.4	335.4	335.4
INTEREST	406.1	251.2	234.3	214.5	888.7	861.4	835.6
INSURANCE	111.1	155.6	166.6	178.2	190.7	204.1	218.3
LABOR-TAX	12.4	13.2	14.2	15.2	16.2	17.4	18.6
TOTAL	725.0	1,515.5	1,510.5	1,503.3	1,491.1	1,478.3	1,467.9
PRODUCTION COSTS (\$1,000)							
LABOR	356.0	381.0	407.0	436.0	466.0	493.0	534.0
FUEL	654.2	110.7	101.5	111.6	171.9	175.6	535.0
LUBRICANTS & SUPPLIES	65.4	11.0	10.1	11.1	17.1	17.5	53.5
MAINTENANCE MATERIALS	41.0	27.4	20.4	34.2	39.5	43.3	56.5
TOTAL	1,116.6	530.1	549.0	592.9	694.5	735.4	1,179.0
TOTAL POWER COSTS (\$1,000)	1,841.6	2,045.6	2,059.5	2,096.2	2,185.6	2,213.7	2,646.9
TOTAL GENERATION-GMI	33.8	37.2	41.0	45.0	49.4	53.3	59.6
UNIT COSTS (\$/GMI)							
	0.0544	0.0549	0.0502	0.0465	0.0442	0.0415	0.0444

2% Finance



Alaska State Legislature

House of Representatives

Office of the Speaker

Pouch V
State Capitol
Juneau, Alaska 99811

Official Business

MEMO: April 9, 1979

TO: Senate Finance Committee
Sen. John Sackett, chairman

FROM: Rep. Terry Gardiner *TG*

RE: HB 32 funding hydroelectric projects

You may recall that in February, the Senate Finance Committee graciously took time to hear testimony from representatives of the City of Ketchikan regarding a loan of \$3,115,000 for license application and other pre-construction work on the Swan Lake hydroelectric project.

Attached you will find information dealing with the Swan Lake project for your reference.

Before the bill passed the House, two other projects were amended onto the original bill as sponsored by Rep. Freeman and myself. Those projects were at Tyee Lake for the Wrangell/Petersburg area and Terror Lake for Kodiak, to be funded at \$2 million each. It should be emphasized that these are loans, to be repaid at the time bonds are sold to fund actual construction; the money would then be available for other projects around the state through the hydro revolving loan fund.

It is critical that these projects be funded at this time; in the case of the Ketchikan project, a year's delay would result in additional costs of at least \$4 million to \$6 million in interest alone; as well as the need to install additional diesel generating capacity costing another \$6 million to head off projected power generating shortages.

When the bill was under consideration by the Senate Resources Committee, Sen. Kerttula requested that \$250,000 be added to fund preliminary studies for a project at Cordova. I have given tentative approval of this addition in my testimony before Senate Resources, pending availability of funds.

I am available at your request to answer questions in regard to this bill in general or to the Swan Lake project specifically.

RE: HB 32 as amended

Eric Yould

TO: Senator Jalmar Keritula FROM: Eric Yould, Executive Director
Alaska Power Authority

The information below was discussed with Mr. Perry Lovett, Cordova City Manager on April 3, 1979. He expressed a desire to create flexibility in the use of funds appropriated for studies of hydroelectric projects in the Cordova area. Therefore this information is provided in a manner that is not site specific to Power Creek.

The Cordova Electric Association is an REA Cooperative serving the City of Cordova and surrounding area. Existing power is totally derived from diesel generation which is expensive and continually increasing in cost. Power demand in Cordova is forecast to increase significantly in future years with expansion of the small boat harbor and cannery facilities to accommodate the emerging bottom fish industry. Diesel fuel price increases will create exorbitant rates for Cordova consumers while alternative sources of energy are available.

Cordova has significant potential for small hydroelectric development. Numerous small projects could either reduce or in some cases eliminate dependence on diesel generation. The Cordova Electric Association presently produces approximately 17,000,000 kwh's of energy annually at a cost of 75 mills/kwh. Load demand is forecast to double in the next 8 to 10 years. CEA has commissioned numerous small studies of hydroelectric sites that have largely been paper studies with little field engineering work. Some studies indicate the development of the Power Creek site could lower electric rates in the future to approximately 50 mills/kwh. A Corps of Engineer study presently in progress of all small hydro sites in the area will probably result in a recommendation for further investigation of the Power Creek site.

No one knows today for sure that the project is feasible. However, the definite field work to determine project feasibility should be completed this summer. The funds requested for Cordova (\$250,000) would provide a loan to the utility to perform field investigations, environmental studies, and preliminary engineering to initiate project development. If Cordova was to perform all work necessary to prepare a license application for a project to the Federal Energy Regulatory Commission, the total cost of the investigations and license application would be approximately \$470,000. The funds requested will permit the Cordova utility to accomplish all necessary work up to a decision to prepare a FERC license application for either Power Creek or the most feasible site identified in an alternative analysis.

Cost Breakdown

Activity	Cost
Hydrology	\$ 20,000
Survey	20,000
Economics/Market Analysis	20,000
Environmental	60,000
Foundations Explorations and Alternative Site Analysis	110,000
Preliminary Design & Engineering	40,000

Funding for Hydro Analysis in Cordova is badly needed. I would be happy to testify if needed.
Total \$250,000
EPX 5 APR 79

Original sponsors: Zharoff, Anderson,
Branson, et al

Offered: 4/5/79
Referred: Rules

1 IN THE HOUSE

BY THE RULES COMMITTEE

2 CS FOR HOUSE JOINT RESOLUTION NO. 30

3 IN THE LEGISLATURE OF THE STATE OF ALASKA

4 ELEVENTH LEGISLATURE - FIRST SESSION

5 Relating to the sale of revenue bonds
6 of the Alaska Power Authority for the
7 Terror Lake hydroelectric generating
8 project at Kodiak, Alaska, and for
9 the Solomon Gulch hydroelectric
10 generating project near Valdez,
11 Alaska.

12 BE IT RESOLVED BY THE LEGISLATURE OF THE STATE OF ALASKA:

13 WHEREAS the State of Alaska has funded a feasibility study for the
14 Terror Lake hydroelectric project in the Kodiak Island Borough through money
15 loaned from the Alaska Power Authority power project revolving fund and the
16 water resources revolving fund in the amount of \$520,000; and

17 WHEREAS the completed study shows that the hydroelectric project is
18 feasible; and

19 WHEREAS the Alaska Power Authority has submitted to the legislature and
20 to the governor a statement of its recommendations for financing the hydro-
21 electric project, as required in AS 44.56.180(b), and a statement outlining
22 the general design, demonstration of financial feasibility, and maximum
23 amount of revenue bonds necessary for the project; and

24 WHEREAS according to statements by the authority, it is to finance the
25 project only through the issuance of revenue bonds and may not construct,
26 acquire, or own the project; and

27 WHEREAS the statements by the authority provide that the project is to
28 be designed, acquired, and constructed by the Kodiak Electric Association
29 under an agreement with the authority which shall provide that the authority

1 have ownership rights in the project only as may be necessary to secure the
2 payment of the principal and interest on revenue bonds issued for the pro-
3 ject; and

4 WHEREAS the statements submitted to the governor and to the legislature
5 fully satisfy the conditions set out in AS 44.56.180 which must be satisfied
6 before the adoption of this resolution; and

7 WHEREAS the cost to be incurred in financing the project will require
8 the issuance of revenue bonds of the authority in a presently estimated
9 amount not to exceed \$120,000,000; and

10 WHEREAS it is considered to be in the best interests of the state that
11 revenue bonds of the authority be issued to finance the cost of the project;
12 and

13 WHEREAS the Copper Valley Electric Association, Inc. has received a
14 Federal Energy Regulatory Commission license for the Solomon Gulch hydro-
15 electric generating project near Valdez, Alaska, and construction has begun
16 on the project; and

17 WHEREAS initial financing for the project has been secured from other
18 sources but it is considered in the public interest to finance a portion of
19 the project from the proceeds of the sale of revenue bonds of the Alaska
20 Power Authority; and

21 WHEREAS the Alaska Power Authority has submitted to the legislature and
22 to the governor a statement of its recommendations for financing a portion of
23 the Solomon Gulch hydroelectric project, as required in AS 44.56.180(b), and
24 a statement outlining the general design, demonstration of financial feasi-
25 bility, and maximum amount of revenue bonds necessary for that purpose; and

26 WHEREAS, according to statements by the authority, it is to finance a
27 portion of the project only through the issuance of revenue bonds and is not
28 to construct, acquire or own the project; and

29 WHEREAS the statements by the authority indicate that the project is to

1 be designed, acquired, and constructed by the Copper Valley Electric Associ-
2 ation under an agreement with the authority which shall provide that the
3 authority have ownership rights in the project only as may be necessary to
4 secure the payment of the principal and interest on revenue bonds issued for
5 the project; and

6 WHEREAS the statements submitted to the governor and to the legislature
7 fully satisfy the conditions set out in AS 44.56.180 which must be satisfied
8 before the adoption of this resolution; and

9 WHEREAS the cost to be incurred in financing a portion of the project
10 will require the issuance of revenue bonds of the authority in a presently
11 estimated amount not to exceed \$20,000,000; and

12 WHEREAS it is considered to be in the best interests of the state that
13 revenue bonds of the authority be issued to finance a portion of the cost of
14 the project;

15 BE IT RESOLVED that the Alaska State Legislature approves the general
16 design of the Terror Lake hydroelectric project in the Kodiak Island Borough
17 and the sale of revenue bonds by the Alaska Power Authority in an amount not
18 to exceed \$120,000,000 to pay the costs of the project; and be it

19 FURTHER RESOLVED that the Alaska State Legislature approves the general
20 design of the Solomon Gulch hydroelectric project near Valdez, Alaska, and
21 the sale of revenue bonds by the Alaska Power Authority in an amount not to
22 exceed \$20,000,000 to pay the cost of a portion of the project.

23

24

25

26

27

28

29

Introduced: 3/8/79
Referred: Finance

BY ZHAROFF, ANDERSON, BRANSON,
CARNEY, DUNCAN, ELIASON, FREEMAN,
FULLER, GUY, HAUGEN, HURLBERT, MALONE,
MARTIN, MILES, MOSS, OSTERBACK,
PARKER, SCHAEFFER AND GARDINER

1 IN THE HOUSE

2 HOUSE JOINT RESOLUTION NO. 30

3 IN THE LEGISLATURE OF THE STATE OF ALASKA

4 ELEVENTH LEGISLATURE - FIRST SESSION

5 Re ating to the sale of revenue bonds
6 of the Alaska Power Authority for the
7 Terror Lake hydroelectric generating
8 project at Kodiak, Alaska.

9 BE IT RESOLVED BY THE LEGISLATURE OF THE STATE OF ALASKA:

10 WHEREAS the State of Alaska has funded a feasibility study for the
11 Terror Lake hydroelectric project in the Kodiak Island Borough through money
12 loaned from the Alaska Power Authority power project revolving fund and the
13 water resources revolving fund in the amount of \$520,000; and

14 WHEREAS the completed study shows that the hydroelectric project is
15 feasible; and

16 WHEREAS the Alaska Power Authority has submitted to the legislature and
17 to the governor a statement of its recommendations for financing the hydro-
18 electric project, as required in AS 44.56.180(b), and a statement outlining
19 the general design, demonstration of financial feasibility, and maximum
20 amount of revenue bonds necessary for the project; and

21 WHEREAS according to statements by the authority, it is to finance the
22 project only through the issuance of revenue bonds and may not construct,
23 acquire, or own the project; and

24 WHEREAS the statements by the authority provide that the project is to
25 be designed, acquired, and constructed by the Kodiak Electric Association
26 under an agreement with the authority which shall provide that the authority
27 have ownership rights in the project only as may be necessary to secure the
28 payment of the principal and interest on revenue bonds issued fo: the pro-
29 ject; and

1 WHEREAS the statements submitted to the governor and to the legislature
2 fully satisfy the conditions set out in AS 44.56.180 which must be satisfied
3 before the adoption of this resolution; and

4 WHEREAS the cost to be incurred in financing the project will require
5 the issuance of revenue bonds of the authority in a presently estimated
6 amount not to exceed \$120,000,000; and

7 WHEREAS it is considered to be in the best interests of the state that
8 revenue bonds of the authority be issued to finance the cost of the project;

9 BE IT RESOLVED that the Alaska State Legislature approves the general
10 design of the Terror Lake hydroelectric project in the Kodiak Island Borough
11 and the sale of revenue bonds by the Alaska Power Authority in an amount not
12 to exceed \$120,000,000 to pay the costs of the project.

13
14
15
16
17
18
19
20
21
22
23
24
25
26
27
28
29

GENERAL DESCRIPTION OF THE TERROR LAKE HYDROELECTRIC PROJECT

Terror Lake lies in a natural high-level basin in the rugged mountains of Kodiak Island about 18 airline miles from the City of Kodiak. The natural storage of the lake will be increased by building a dam across the lake's natural outlet to the Terror River. A power tunnel will leave the lake from an intake structure on the eastern shore and carry water to an outlet portal on the slopes of the Kizhuyak Valley. A single penstock will extend from the tunnel outlet down the side of the Kizhuyak Valley to a surface powerhouse located on the valley floor. Discharge water from the turbines will flow into the Kizhuyak River. Electrical power will be carried to Kodiak on a 69000-volt transmission line.

FACTS

- Present elevation of the surface of the lake is 1250 feet.
- The surface of the water will be raised to an elevation of 1383 feet.
- Natural storage of Terror Lake will be increased by 78,000 acre feet.
- The natural catchment for runoff to Terror Lake is 15.1 square miles.
 - 1) The catchment area will be supplemented by diversion of 8.6 square miles of the following adjacent catchment areas:

Shotgun Creek	Rolling Rock Creek
Falls Creek	Mount Glotoff Glacier
 - 2) Provisions will be made for future diversion of runoff from 4 square miles of the Hidden Basin Creek catchment area.
- The dam will have a structural height of 156 feet.
 - 1) The dam will have a compacted rockfill structure with an upstream impervious face of asphaltic concrete.
 - 2) Crest elevation is 1391 feet.
 - 3) A side channel spillway will be ungated and unlined and have an inlet crest 600 feet long at elevation 1383 feet.
 - 4) Controlled release of water down Terror River will be by a reinforced concrete outlet conduit through the base of the dam.
 - 5) Total volume of fill used in the dam will be 910,000 cubic yards.
 - 6) Total crest length of the dam is 2100 feet.
- The power tunnel will be five miles long.
 - 1) The tunnel will be horseshoe shaped and 10 foot in diameter.
 - 2) The tunnel will pass through granite for its entire length.
- The penstock will be 3400 feet long.
 - 1) The penstock will be made of steel and surface run from the tunnel outlet to the powerhouse.
 - 2) The thickness of the steel will vary from 3/8" to 3/4" and will have a yield stress of 50,000 PSI.
 - 3) The diameter of the penstock will vary from 96 inches to 56 inches.
- The powerhouse will be located 3 miles upstream from where the Kizhuyak River meets the ocean.
 - 1) The powerhouse will contain 2 horizontal axis, 13,000 HP, Pelton-Type impulse turbines.
 - 2) The generators are rated 10 megawatts each.
 - 3) The elevation of the plant is 109.5 feet and will operate at an average head of 1150 feet.
 - 4) Provisions will be made for a third turbine in the powerhouse.

Normal operation of the powerhouse will be from a control center in Kodiak, but equipment will be provided for operation at the Terror Lake Powerhouse.

SALIENT POINTS OF THE TERROR LAKE HYDROELECTRIC PROJECT

I. The first and most important step must be the timely approval and issuance of license by FERC. The application for license was sent to FERC on January 19, 1979.

- a) Without the approval of FERC License, the project cannot start.
- b) FERC indicates approval will take from 12 to 19 months.

II. The second and almost simultaneous step is to apply for financing.

- a) It appears at this time that the most advantageous source of financing will be REA and revenue bonds through APA.

III. Facts:

- a) Project Cost \$81,000,000
- b) Project Size 20 Megawatts (With provisions for additional 10 megawatts)
- c) Comparison of Cost of Hydroelectric Verses Diesel:

Year	Energy Requirements (KEA-USCG) In GWH	Terror Lake Alone In Mills/KWH	Terror Lake Plus Supplementary Diesel In Mills/KWH	All Diesel Generation In Mills/KWH
1984	133.5	57.6	62.0	68.0
1987	151.7	57.6	61.7	78.9
1992	175.7	59.4	70.1	115.0
1997	197.7	61.2	88.4	160.0
2002	198.0	63.0	108.0	220.0
2007	198.0	65.7	136.0	305.0
2012	198.0	70.2	175.0	423.0
2017	198.0	76.5	229.0	589.0
2018	198.0	23.4	204.0	630.0

These costs include the Capital Investment of new plant but does not include the costs which are common to both alternatives. These include all present debt repayment obligations plus those for the additional diesel unit to be installed prior to 1981 and insurance and administration costs.

- d) Savings to rate payers over life of loan (35 years) is \$79,000,000. This figure is the value of the savings in 1979 dollars.
- e) Financing sources: The amount of the project is large enough so we will need to obtain financing from more than one source. Some of the possible financing sources are:

REA: 5% insured loan program
Federal Financing Bank. Interest tied to market rates.

CFC: Interest tied to Market Rates

APA: Revenue Bonds. Guaranteed by State

- f) Line of Credit will be sought from CFC for interim financing for planning and initial construction.

FERC - Federal Energy Regulatory Commission
 REA - Rural Electrification Administration
 APA - Alaska Power Authority
 CFC - National Rural Utilities Cooperative Finance Corporation

SALIENT POINTS OF THE TERROR LAKE HYDROELECTRIC PROJECT

- I. The first and most important step must be the timely approval and issuance of license by FERC. The application for license was sent to FERC on January 19, 1979.
 - a) Without the approval of FERC License, the project cannot start.
 - b) FERC indicates approval will take from 12 to 19 months.
- II. The second and almost simultaneous step is to apply for financing.
 - a) It appears at this time that the most advantageous source of financing will be REA and revenue bonds through APA.
- III. Facts:
 - a) Project Cost \$81,000,000
 - b) Project Size 20 Megawatts (With provisions for additional 10 megawatts)
 - c) Comparison of Cost of Hydroelectric Verses Diesel:

Year	Energy Requirements (KEA-USCG) In GWH	Terror Lake Alone In Mills/KWH	Terror Lake Plus Supplementary Diesel In Mills/KWH	All Diesel Generation In Mills/KWH
1984	133.5	57.6	62.0	68.0
1987	151.7	57.6	61.7	78.9
1992	175.7	59.4	70.1	115.0
1997	197.7	61.2	88.4	160.0
2002	198.0	63.0	108.0	220.0
2007	198.0	65.7	136.0	305.0
2012	198.0	70.2	175.0	423.0
2017	198.0	76.5	229.0	589.0
2018	198.0	23.4	204.0	630.0

These costs include the Capital Investment of new plant but does not include the costs which are common to both alternatives. These include all present debt repayment obligations plus those for the additional diesel unit to be installed prior to 1981 and insurance and administration costs.

- d) Savings to rate payers over life of loan (35 years) is \$79,000,000. This figure is the value of the savings in 1979 dollars.
- e) Financing sources: The amount of the project is large enough so we will need to obtain financing from more than one source. Some of the possible financing sources are:
 - REA: 5% insured loan program
Federal Financing Bank. Interest tied to market rates.
 - CFC: Interest tied to Market Rates
 - APA: Revenue Bonds. Guaranteed by State
- f) Line of Credit will be sought from CFC for interim financing for planning and initial construction.

500 - Equipment

Development water source (estimate only) 3,000

Vehicle 3,600

Safety Equipment 1,000

Total Cost of Equipment \$ 7,600

Total Projected Cost of FY'79 Camp Budget \$ 75,113
(Estimate only - subject to modification and change)

Terror Lake lies in a natural high-level basin in the rugged mountains of Kodiak Island about 18 airline miles from the City of Kodiak. The natural storage of the lake will be increased by building a dam across the lake's natural outlet to the Terror River. A power tunnel will leave the lake from an intake structure on the eastern shore and carry water to an outlet portal on the slopes of the Kizhuyak Valley. A single penstock will extend from the tunnel outlet down the side of the Kizhuyak Valley to a surface powerhouse located on the valley floor. Discharge water from the turbines will flow into the Kizhuyak River. Electrical power will be carried to Kodiak on a 69000-volt transmission line.

FACTS

- Present elevation of the surface of the lake is 1250 feet.
- The surface of the water will be raised to an elevation of 1383 feet.
- Natural storage of Terror Lake will be increased by 78,000 acre feet.
- The natural catchment for runoff to Terror Lake is 15.1 square miles.
 - 1) The catchment area will be supplemented by diversion of 8.6 square miles of the following adjacent catchment areas:

Shotgun Creek	Rolling Rock Creek
Falls Creek	Mount Glotoff Glacier
 - 2) Provisions will be made for future diversion of runoff from 4 square miles of the Hidden Basin Creek catchment area.
- The dam will have a structural height of 156 feet.
 - 1) The dam will have a compacted rockfill structure with an upstream impervious face of asphaltic concrete.
 - 2) Crest elevation is 1391 feet.
 - 3) A side channel spillway will be ungated and unlined and have an inlet crest 600 feet long at elevation 1383 feet.
 - 4) Controlled release of water down Terror River will be by a reinforced concrete outlet conduit through the base of the dam.
 - 5) Total volume of fill used in the dam will be 910,000 cubic yards.
 - 6) Total crest length of the dam is 2100 feet.
- The power tunnel will be five miles long.
 - 1) The tunnel will be horseshoe shaped and 10 foot in diameter.
 - 2) The tunnel will pass through granite for its entire length.
- The penstock will be 3400 feet long.
 - 1) The penstock will be made of steel and surface run from the tunnel outlet to the powerhouse.
 - 2) The thickness of the steel will vary from 3/8" to 3/4" and will have a yield stress of 50,000 PSI.
 - 3) The diameter of the penstock will vary from 96 inches to 56 inches.
- The powerhouse will be located 3 miles upstream from where the Kizhuyak River meets the ocean.
 - 1) The powerhouse will contain 2 horizontal axis, 13,000 HP, Pelton-Type impulse turbines.
 - 2) The generators are rated 10 megawatts each.

3) The diameter of the penstock will vary from 96 inches to 56 inches.

- The powerhouse will be located 3 miles upstream from where the Kizhuyak River meets the ocean.

- 1) The powerhouse will contain 2 horizontal axis, 13,000 HP, Pelton-Type impulse turbines.
- 2) The generators are rated 10 megawatts each.
- 3) The elevation of the plant is 109.5 feet and will operate at an average head of 1150 feet.
- 4) Provisions will be made for a third turbine in the powerhouse.

Normal operation of the powerhouse will be from a control center in Kodiak, but equipment will be provided for operation at the Terror Lake Powerhouse.

January 26, 1979





RECORDS CERTIFICATION



I, the undersigned, an employee of the State of Alaska, do hereby certify that the microfilm images on this microform are accurate reproductions of the original records of the State of Alaska as accumulated during the regular course of business, and that it is the established policy and practice of this State to microfilm its records and to dispose of the original records after microfilm reproductions have been made.

James O Smith
Signature of Camera Operator

3/20/90
Date



Alaska State Legislature

House of Representatives

Committee on Finance

Official Business

April 25, 1979

Pouch V
State Capitol
Juneau, Alaska 99811

MEMORANDUM

TO: The Honorable Russ Meekins, Jr.

FROM: Mike Doogan

SUBJECT: HCR 30

House Concurrent Resolution 30 requests the governor to direct the Commissioners of Revenue and Commerce and Economic Development to resume financing business loans through investment of the state general fund surplus. These loan programs, located in DCED's Division of Business Loans, have been closed since January, 1979 due to lack of funds.

HCR 30 also establishes amounts per loan program until the end of FY 1980. These figures are the same as those proposed by the governor in SB 146. They are:

Commercial Fishing Revolving Loan Fund	\$15,000.0
Fisheries Enhancement Revolving Loan Fund	\$ 4,000.0
Tourism Revolving Loan Fund	\$ 6,000.0
Small Business Revolving Loan Fund	<u>\$20,000.0</u>
Total	\$45,000.0

I wish to point out that this is not an appropriation, but a request for the administration to resume a program authorized by A.S.37.10.070.

Attached to this memorandum is information from DCED on historical activity in Division of Business Loans loan funds and a copy of my memorandum on SB 146 and SB 147.



Official Business

Alaska State Legislature

House of Representatives

Committee on Finance

Pouch V
State Capitol
Juneau, Alaska 99811

LETTER OF INTENT FOR HCR 30

It is the intent of the Legislature that the amounts for investment listed in HCR 30 be used from the date of passage of the Resolution until JUNE 30, 1980.

Rep. Oral Freeman
Vice Chairman

February 15, 1979

TO: Honorable Russ Meekins
FROM: Mike Doogan
SUBJECT: SB 146 and SB 147

Senate Bill 146, by the Rules Committee by request of the governor, appropriates \$145 million to the Department of Commerce and Economic Development for seven revolving loan funds it administers.*

One hundred million dollars goes from the general fund to the general fund, making it more of a book transfer than an operating budget expenditure. The money is appropriated to Commerce to repurchase paper bought from the funds by the Department of Revenue. Through this process, the governor is returning \$100 million of "surplus" general funds, used to buy loan paper under the terms of A.S.26.15. This does not create additional revenue for the state, it simply moves \$100 million worth of contingent liabilities from the Department of Revenue (general fund) to the Department of Commerce and Economic Development (revolving loan funds).

The other \$45 million is, however, an actual operating budget expenditure. It is appropriated in varying amounts** to four of the revolving loan funds.

*These are the Commercial Fishing Revolving Loan Fund, Fisheries Enhancement Revolving Loan Fund, Child Care Facility Revolving Loan Fund, Water Resources Revolving Loan Fund, Tourism Revolving Loan Fund, Small Business Revolving Loan Fund, Historical District Revolving Loan Fund

**These are \$15 million to the Commercial Fishing Revolving Loan Fund, \$4 million to the Fisheries Enhancement Revolving Loan Fund, \$6 million to the Tourism Revolving Fund, \$20 million to the Small Business Revolving Loan Fund. Note that there are no appropriations for the Child Care Facility, Water Resources or Historical District Revolving Loan Funds.

The Honorable Russ Meekins

-2-

Three factors are worthy of scrutiny here.

First, have the historical loan activities of these funds been greater than the amounts the governor wishes to appropriate to these funds? If so, these appropriations are actually a change in state policy regarding the priority of the activities financed by these funds. To determine this, I have requested your administrative assistant, John Crandall, to obtain five year financial histories of these funds.

Second, if these appropriations do cause a tightening of loans from these funds, what is the impact on the state's economy likely to be? This question is made more pressing by increasing interest rates offered by private lending institutions and the closure, even if temporary, of the veterans loan program.

Third, what is the effect of forcing \$45 million worth of appropriations for these revolving loan funds into competition with other budget items? This is particularly worthy of your attention, since this \$45 million is in addition to the governor's proposed operating budget.*

*No such figure appears in the development portion of the governor's budget document, HB 60.

Honorable Russ Meekins

-3-

Senate Bill 147 makes two significant changes in the statutes creating these loan funds.

First, it raises the interest rates for loans from these revolving funds* and states that if the legislature wants to lower those interest rates it must vote a direct subsidy.

Second, it changes current law with regard to the purchase of loan paper from these funds by the Commissioner of Revenue. In all cases, this is changed from a legislative direction to the commissioner to purchase such paper to language allowing the commissioner to make such purchases as he sees fit.

The first change raises two points.

First, what will be the impact on the state's economy of higher interest rates for these loans?

Second, what will be the cost in operating budget funds if the legislature chooses to vote a subsidy?

The point raised by the second change is obvious: does the legislature wish to grant the Commissioner of Revenue additional discretion in the investment of "surplus" general funds?

*At current rates, it would raise interest rates to 11 percent.

February 26, 1979

TO: Honorable Russ Meekins

FROM: Mike Doogan *MD*

SUBJECT: Addition to February 15 memorandum on SB 146 and
SB 147

In addition to the loan programs listed in the above memorandum, SB 147 alters the interest rates for and the Commissioner of Revenue's duties toward two loan funds. These are the Residential Care Facility and Alternative Power Resource Revolving Loan Funds.

COMPARATIVE DATA FOR LOAN PROGRAMS & EFFECT OF SB-146

	FY '75	FY '76	Growth of FY 76 Over FY 75	FY '77	Growth of FY '77 Over FY 75	FY '78	Growth of FY '78 Over FY 75	FY '79 ^{1/}	Growth of FY '79 Over FY 75	SB-146 FY '80	Growth of FY '80 Over FY 75	Growth of FY 80 Over FY 79
Small Business	3,325,500	2,509,600	-25%	4,511,043	36%	22,369,100	572%	39,829,603	1097%	28,635,000 ^{2/}	761%	-38%
Commercial Fishing	2,418,550	3,190,245	32%	6,228,842	157%	13,044,274	439%	27,990,649	1057%	20,271,400 ^{3/}	738%	-38%
Tourism	5,245,000	2,187,900	-58%	1,659,000	-68%	4,194,000	-20%	3,500,000	-32%	7,752,000 ^{4/}	48%	+121%
Child Care				34,250		33,950		60,000		50,000		
Fisheries Enhancement				965,000		2,865,000		1,200,000		4,000,000 ^{5/}		
Water Resources				450,000		2,050,000		-0-		-0-		
Historical Sites								78,000		-0-		
Residential Care								-0-		-0-		
Alternative Power								-0-		0-		
Total Available	10,989,050	7,887,745	-28%	13,848,135	26%	44,556,324	301%	72,658,252	561%	60,708,400		-16%

(1) FY '79 data was estimated by combining the first 6 months actual with estimated loans to be approved during remaining 6 months that were received prior to January 1, 1979

(2) Est. annual payments from 50,000,000 loans appropriated from Department of Revenue 8,635,000
Appropriated from GF 20,000,000

(3) Est. annual payments from 30,000,000 loans appropriated from Department of Revenue 5,271,400
Appropriated from GF 15,000,000

(4) Est. annual payments from 15,000,000 loans appropriated from Department of Revenue 1,752,000
Appropriated from GF 6,000,000

(5) Appropriated from G.F. 4,000,000

NO ALLOWANCE HAS BEEN MADE FOR EARLY PAYOFFS WHICH WILL MAKE ADDITIONAL FUNDS AVAILABLE

STATE HOUSE OF REPRESENTATIVES ELECTION DISTRICT

FY	1	2	3	4	5	6	7-12	13	14
1972	60,000							78,000	
1973			11,500	1,996,625	283,200	60,000	188,000	111,250	20,000
1974	842,100	395,600	278,500	296,500	206,250	149,500	1,155,000	453,800	
1975	438,500	534,800	539,800	1,572,450	1,045,000	43,000	2,409,000	661,000	466,000
1976	659,450	477,000	208,000	1,029,950	2,255,095		390,000	1,009,550	579,950
1977	759,200	1,019,673	1,533,000	1,856,400	1,665,825	107,400	2,068,250	1,629,577	1,090,375
1978	5,279,400	3,259,450	3,238,150	4,842,450	1,595,200	418,000	6,459,815	7,192,043	3,138,406
1979	4,053,720	4,162,833	3,692,700	7,766,875	5,593,527	543,500	16,020,225	9,652,975	6,258,050
1980									
TOTAL	12,092,370	9,841,216	7,501,250	17,361,775	12,642,375	1,321,400	39,190,270	20,788,175	11,552,781

FY	15	16	17	18	19	20	21	22	TOTAL
1972									138,000
1973						140,000			2,810,575
1974	218,750	184,950	40,000	16,000	140,000	79,000	85,000		4,540,950
1975	10,000	105,000	1,041,000			1,103,500	1,000,000	20,000	10,989,050
1976				10,000		268,750	1,000,000		7,887,745
1977	645,435	35,900	10,000			916,100	100,000	411,000	13,848,135
1978	1,737,350	846,060	75,000	337,000	554,500	5,583,500			44,556,324
1979	1,718,300	2,222,821	758,900	298,000	962,740	8,239,375	215,000	46,500	72,206,041
1980									
TOTAL	4,329,835	3,344,731	1,924,900	661,000	1,657,240	16,330,225	2,400,000	477,500	156,976,820

STATE HOUSE OF REPRESENTATIVES ELECTION DISTRICT

FY	1	2	3	4	5	6	7-12	13	14
1972	60,000							78,000	
1973				108,625		60,000	188,000	111,250	20,000
1974	194,000			237,500	94,500		430,000	423,000	
1975	36,000	100,000	97,000	740,000		43,000	1,529,000	115,000	
1976	485,600		208,000	640,000	112,000		390,000	300,000	106,500
1977	300,700	264,875	400,000	707,000		107,400	603,000	911,968	
1978	1,751,100	494,500	313,000	2,911,950	617,350	300,000	4,177,000	4,599,300	174,000
1979	2,541,650	373,800	1,270,500	5,045,650	1,465,650	498,500	12,800,325	5,512,900	535,000
1980									
TOTAL	7,260,000	1,738,375	2,288,500	12,597,750	2,089,500	1,008,900	20,117,325	12,051,118	935,500

FY	15	16	17	18	19	20	21	22	TOTAL
1972									138,000
1973						60,000			547,875
1974			40,000	16,000	25,000	79,000			1,539,000
1975		75,000	41,000			529,500		20,000	3,325,500
1976				10,000		257,500			2,509,600
1977	100,000					916,000	100,000	100,000	4,511,043
1978		552,000	75,000	337,000	498,500	5,568,500			22,369,100
1979		355,000	758,900	298,000	362,500	6,922,750	215,000		39,056,127
1980									
TOTAL	100,000	482,000	914,900	661,000	886,500	11,333,250	315,000	120,000	73,446,245

STATE HOUSE OF REPRESENTATIVES ELECTION DISTRICT

FY	1	2	3	4	5	6	7-12	13	14
1972									
1973			11,500						
1974	22,500	245,600	278,500	59,000	111,750		125,000	30,800	
1975	276,500	434,800	292,800	232,450	245,000		45,000	386,000	466,000
1976	173,850	262,500		389,950	1,169,695			709,550	473,450
1977	458,500	594,798	683,000	1,059,400	715,825		328,000	717,609	1,090,375
1978	704,350	1,554,950	1,045,150	1,930,500	527,950	108,000	622,815	1,918,743	2,544,406
1979	1,512,070	2,763,333	2,422,200	2,642,475	3,627,875	45,000	2,566,060	3,820,075	5,623,050
1980									
TOTAL	3,117,770	6,856,981	4,772,250	6,313,775	6,378,075	153,000	3,686,875	7,552,777	10,197,281

FY	15	16	17	18	19	20	21	22	TOTAL
1972									
1973									11,500
1974	133,750	35,000							1,041,900
1975	10,000	30,000							2,418,550
1976						11,250			3,190,245
1977	545,435	35,900							6,228,842
1978	1,737,350	294,060			56,000				13,044,274
1979	1,718,300	1,867,821			90,000	182,625		46,500	28,857,384
1980									
TOTAL	4,144,535	3,263,781			146,000	193,875		46,500	54,792,695

STATE HOUSE OF REPRESENTATIVES ELECTION DISTRICT

FY	1	2	3	4	5	6	7-12	13	14
1972									
1973				1,888,000	283,200				
1974	625,600	150,000				149,500	600,000		
1975	126,000		150,000	600,000	800,000		835,000	160,000	
1976		214,500				973,400			
1977		145,000		90,000			1,113,000		
1978			1,880,000				1,640,000	674,000	
1979		880,000		78,750			623,840	320,000	
1980									
TOTAL	751,600	1,389,500	1,030,000	1,656,750	1,083,200	1,122,900	11,811,840	1,654,000	

FY	15	16	17	18	19	20	21	22	TOTAL
1972									
1973						80,000			2,251,200
1974	85,000	149,950			115,000		85,000		1,960,050
1975			1,000,000			574,000	1,000,000		5,245,000
1976							1,000,000		2,187,900
1977								311,000	1,659,000
1978									4,194,000
1979					510,240	1,134,000			3,546,830
1980									
TOTAL	85,000	149,950	1,000,000		625,240	1,708,000	2,085,000	311,000	21,043,480

STATE HOUSE OF REPRESENTATIVES ELECTION DISTRICT

FY	1	2	3	4	5	6	7-12	13	14
1972									
1973									
1974									
1975									
1976									
1977							24,250		
1978	3,950					10,000	20,000		
1979							30,000		
1980									
TOTAL	3,950					10,000	44,250		

FY	15	16	17	18	19	20	21	22	TOTAL
1972									
1973									
1974									
1975									
1976									
1977			10,000						34,250
1978									33,950
1979									30,000
1980									
TOTAL			10,000						63,200

STATE HOUSE OF REPRESENTATIVES ELECTION DISTRICT

FY	1	2	3	4	5	6	7-12	13	14
1972									
1973									
1974									
1975									
1976									
1977		15,000			950,000				
1978	2,400,000				450,000				
1979		145,700			500,000				
1980									
TOTAL	2,400,000	160,700			1,900,000				

FY	15	16	17	18	19	20	21	22	TOTAL
1972									
1973									
1974									
1975									
1976									
1977									965,000
1978						15,000			2,865,000
1979									645,700
1980									
TOTAL						15,000			4,475,700

STATE HOUSE OF REPRESENTATIVES ELECTION DISTRICT

FY	1	2	3	4	5	6	7-12	13	14
1972	1							2	
1973			2	7	2	1	4	2	2
1974	6	6	7	7	6	1	12	9	
1975	7	14	11	25	9	1	23	11	7
1976	11	8	9	18	27		4	19	9
1977	18	19	15	41	20	2	22	31	14
1978	31	32	22	61	21	3	40	69	34
1979	38	29	31	75	54	5	98	78	49
1980									
TOTAL	112	118	97	234	128	13	203	221	115

FY	15	16	17	18	19	20	21	22	TOTAL
1972									3
1973					1	2			23
1974	3	2	1	1	2	2	1		66
1975	1	2	2			7	1	1	122
1976				1		5	1		112
1977	12	2				12	1	2	211
1978	23	12		2	3	31			385
1979	22	43	5	1	5	43	1	1	578
1980									
TOTAL	61	61	8	5	11	102	5	4	1499

STATE HOUSE OF REPRESENTATIVES ELECTION DISTRICT

FY	1	2	3	4	5	6	7-12	13	14
1972	1							2	
1973				4		1	4	2	2
1974	4			5	3		9	7	
1975	1	1	2	14		1	19	3	
1976	5		3	8	2		4	4	2
1977	5	3	5	11		2	8	12	
1978	11	5	2	21	6	1	21	32	2
1979	15	3	8	33	10	4	65	32	3
1980									
TOTAL	40	10	20	66	21	7	130	94	9

FY	15	16	17	18	19	20	21	22	TOTAL
1972									3
1973						1			14
1974			1	1	2	2			34
1975		1	1			6		1	50
1976				1		4			35
1977	1					12	1	1	61
1978		2	1	2	2	30			138
1979		2	5	1	3	36	1		221
1980									
TOTAL	1	5	8	5	7	91	2	2	554

STATE HOUSE OF REPRESENTATIVES ELECTION DISTRICT

FY	1	2	3	4	5	6	7-12	13	14
1972									
1973			2						
1974	1	5	7	2	3		2	2	
1975	5	13	8	10	8		2	7	7
1976	6	7	6	10	23			15	7
1977	12	14	9	29	17		8	19	14
1978	17	25	19	40	15	1	15	37	31
1979	23	24	23	41	43	1	30	45	46
1980									
TOTAL	125	55	74	122	109	2	57	125	195

FY	15	16	17	18	19	20	21	22	TOTAL
1972									
1973									2
1974	2	1							25
1975	1	1							62
1976						1			75
1977	11	2							136
1978	23	10			1				234
1979	22	41			1	5		1	346
1980									
TOTAL	57	55			2	6		1	880

STATE HOUSE OF REPRESENTATIVES ELECTION DISTRICT

FY	1	2	3	4	5	6	7-12	13	14
1972									
1973				3	2				
1974	1	1				1	1		
1975	1		1	1	1		2	1	
1976		1			2				
1977		1		1			3		
1978			1				2		
1979		1		1			2	1	
1980									
TOTAL		4	1	6	2	1	10	2	

FY	15	16	17	18	19	20	21	22	TOTAL
1972									
1973					1	1			7
1974	1	1					1		7
1975			1			1	1		10
1976							1		4
1977								1	6
1978									3
1979					1	2			8
1980									
TOTAL		1	1		2	4	2	1	45

STATE HOUSE OF REPRESENTATIVES ELECTION DISTRICT

FY	1	2	3	4	5	6	7-12	13	14
1972									
1973									
1974									
1975									
1976									
1977							3		
1978	1					1	2		
1979							1		
1980									
TOTAL	1					1	6		

FY	15	16	17	18	19	20	21	22	TOTAL
1972									
1973									
1974									
1975									
1976									
1977			1						4
1978									4
1979									1
1980									
TOTAL			1						9

STATE HOUSE OF REPRESENTATIVES ELECTION DISTRICT

FY	1	2	3	4	5	6	7-12	13	14
1972									
1973									
1974									
1975									
1976									
1977		1			2				
1978	1								
1979		1			1				
1980									
TOTAL					3				

FY	15	16	17	18	19	20	21	22	TOTAL
1972									
1973									
1974									
1975									
1976									
1977									3
1978						1			2
1979									2
1980									
TOTAL						1			7

HOUSE ELECTION DISTRICT #1

SMALL BUSINESS LOANS

<u>NAME</u>	<u>TYPE OF BUSINESS</u>	<u>LOCATION</u>	<u>AMOUNT</u>
<u>FY 1972</u>			
1. William E. Marks (Pied Piper Pest Control)	Pest Control	Ketchikan	\$ 60,000
FY TOTAL			\$ 60,000
<u>FY 1974</u>			
1. Goldie Abel	Confectionery	Craig	19,000
2. Aubrey N. Stephens	Dentist	Ketchikan	15,000
3. Moore Construction Co.	Construction	Ketchikan	100,000
4. Prince of Wales Lodge (Ralph C. Burnett)	Lodge	Klawock	60,000
FY TOTAL			\$194,000
<u>FY 1975</u>			
1. William Taylor	Novelty Shop	Ketchikan	36,000
FY TOTAL			\$ 36,000
<u>FY 1976</u>			
1. Ketchikan Air Service	Charter Airlines	Ketchikan	100,000
2. Gary Emard	Restaurant	Ketchikan	100,000
3. Harley E. Lewis, Sr.	Restaurant	Ketchikan	100,000
4. Tye Airlines	Charter Airlines	Ketchikan	85,600
5. Hans I. Antonsen	Repair & Refinance	Ketchikan	100,000
FY TOTAL			\$485,600
<u>FY 1977</u>			
1. Lawrence Crostick	Real Property	Ketchikan	99,000
2. Merlin Kirkpatrick	Equipment	Ketchikan	34,000
3. Andy Crowe	Real Property	Ketchikan	67,500
4. Thomas Ramiskey		Ketchikan	90,000
5. Angela, Incorporated		Ketchikan	10,200
FY TOTAL			\$300,700
<u>FY 1978</u>			
1. Terry Wills	Air Charter	Ward Cove	196,500
2. Ludwig & Sullivan	Wire-Rope	Ketchikan	172,500
3. Gary Elkins	Restuarant	Ketchikan	140,000
4. Dale Philman	Charter Vessel	Ketchikan	68,000
5. Kenneth Dillard	Logging	Ketchikan	50,000
6. Terry Wills	Fish Tender	Ketchikan	300,000
7. James Jones	Charter fishing	Ketchikan	40,000
8. Robert Crowder	Trailer court	Ketchikan	160,000
9. J.T. Thompson	Dentist	Ketchikan	133,000
10. Ellis, Sund & Whittaker	Lawyers	Ketchikan	262,500
11. Ketchikan Air Service	Air Charter	Ketchikan	228,600
FY TOTAL			1,751,100

House Election District #1
Small Business Loans

NAME

FY 79

1.	Robert Pickrell	Charter vessel	Ketchikan	36,900
2.	A.J. Dennis	Print Shop	Ketchikan	176,250
3.	Steve Seley	Tugboat/Barge	Ketchikan	127,500
4.	Reid Timber, Inc.	Logging Equip.	Ketchikan	218,000
5.	Andrew Taylor	Bar	Ketchikan	55,000
6.	CB's - 78	Warehouse	Ketchikan	240,000
7.	Carl Jones	Equipment	Ketchikan	150,000
8.	Ketchikan Marina & Supply	Equipment	Ketchikan	208,000
9.	Martin Fabry	Building	Klawock	35,000
10.	Gary Daubersmith & Lyle Simpson	Building	Ketchikan	180,000
11.	Ketchikan Title Agency	Office	Ketchikan	97,500
12.	Stan Oaksmith	Freight Vessel	Ketchikan	300,000
13.	Lawrence Carson	Tender	Ketchikan	262,500
14.	Temsco Helicopters	Property	Ketchikan	300,000
15.	Bill Palmer & Charlie Slater	Refinancing	Ketchikan	155,000

HOUSE ELECTION DISTRICT #1

COMMERCIAL FISHING LOANS

<u>NAME</u>	<u>TYPE OF LOAN</u>	<u>LOCATION</u>	<u>AMOUNT</u>
<u>FY 1974</u>			
1. Richard D. Bishop	Vessel	Ketchikan	\$ 22,500
FY TOTAL			\$ 22,500
<u>FY 1975</u>			
1. Martin T. Perez, Jr.	Vessel	Saxman	26,000
2. Francis D. Jaynes	Vessel	Ketchikan	100,000
3. Charles L. Clement	Vessel	Metlakatla	30,000
4. Chester R. Lee	Vessel	Ketchikan	43,500
5. James A. Branda	Vessel	Ketchikan	77,000
FY TOTAL			\$276,500
<u>FY 1976</u>			
1. Harvey Davis	Repairs to Vessel	Ketchikan	15,000
2. James K. Marr	Vessel	Ketchikan	11,250
3. George Yates	Vessel	Craig	32,000
4. Cliff Hudson	Equipment & Upgrade	Metlakatla	7,000
5. Charles Clement	Vessel	Metlakatla	30,600
6. James Todahl	Vessel	Ketchikan	78,000
FY TOTAL			\$173,850
<u>FY 1977</u>			
1. J. B. Cotant	Vessel	Ketchikan	55,000
2. Gerald Cogswell	Vessel	Loring	22,500
3. Alan Stein	Vessel	Point Baker	24,500
4. Paul Benggaard	Vessel	Ketchikan	48,500
5. John Leask	Vessel	Metlakatla	35,000
6. Charles Zieske	Vessel	Point Baker	14,000
7. David Weis	Vessel	Ketchikan	12,000
8. George Hamar	Vessel	Ketchikan	10,000
9. Wendell Pitcher	Vessel	Ketchikan	30,000
10. Maurice Ingman	Vessel	Ketchikan	50,000
11. Richard Ortiz	Vessel	Ketchikan	17,000
12. Nevin May	Vessel	Ketchikan	65,000
13. Louie Wagner, Jr.	Vessel	Ketchikan	75,000
FY TOTAL			\$458,500
<u>FY 1978</u>			
1. Richard Hudson, Sr.	Vessel	Metlakatla	48,750
2. Charles Escoffon	Vessel	Ketchikan	36,000
3. Stephen Kinney	Vessel	Ketchikan	35,000
4. Charles Bellon	Vessel	Ketchikan	99,500
5. Oliver Lovett	Vessel	Ketchikan	36,000
6. Raleigh Morrison	Vessel	Hydaburg	31,000
7. Charles Sannar	Vessel	Ketchikan	35,000

House Election District #1
Commercial Fishing Loans

FY 1978 (continued)

8.	James Marr	Vessel	Ketchikan	10,000
9.	Daniel Majors	Vessel	Ketchikan	57,500
10.	James K. Marr	Vessel	Ketchikan	45,000
11.	Donald Torgeson	Vessel	Ketchikan	60,000
12.	Delbert Richardson	Vessel	Ward Cove	75,000
13.	Wilburt L. Scott	Vessel	Ketchikan	49,000
14.	Larry Painter	Vessel	Ketchikan	15,000
15.	William Trew	Vessel	Ketchikan	16,000
16.	George Demmert	Vessel	Ketchikan	24,600
17.	Raleigh Morrison	Vessel	Hydaburg	31,000

FY TOTAL

\$704,350

FY 1979

1.	Charles Wills	Vessel	Ketchikan	50,000
2.	Leslie Martin	Vessel	Ketchikan	232,500
3.	James White	Vessel	Ketchikan	64,000
4.	Donald Safford	Vessel	Craig	30,000
5.	Richard Gottardi	Vessel	Ketchikan	50,000
6.	David Axmaker	Vessel	Craig	20,000
7.	Alan Babboni	Vessel	Ketchikan	93,000
8.	Matthew Carle, Jr.	Vessel	Hydaburg	54,900
9.	Leonard Leach	Vessel	Ketchikan	40,000
10.	John Gilson	Vessel/Permit	Ketchikan	34,200
11.	Carl McBride	Vessel	Ward Cove	125,000
12.	Clifford Hudson	Vessel/Permit	Ketchikan	75,000
13.	Daniel Karlson	Vessel	Ketchikan	67,500
14.	John Karlson	Vessel	Ketchikan	171,700
15.	Fred Morjean	Permit	Ketchikan	11,250
16.	Raleigh Morrison	Vessel	Hydaburg	10,000
17.	Robert Ziegler	Vessel/Permit	Ketchikan	90,300
18.	David Hashager	Vessel	Ketchikan	34,000
19.	Bruce Wallace	Vessel	Ketchikan	30,770
20.	Edward Linkous, Jr.	Vessel	Ketchikan	118,200
21.	Forrest Fleenor	Vessel/Permit	Ketchikan	26,200
22.	Luke Nelson	Vessel/Permit	Ketchikan	18,750
23.	Mack & Hans Holum	Vessel/Permit	Ketchikan	65,500

HOUSE ELECTION DISTRICT #1

<u>NAME</u>	<u>TYPE OF LOAN</u>	<u>LOCATION</u>	<u>AMOUNT</u>
<u>TOURISM LOANS</u>			
<u>FY 1974</u>			
1. Hilltop Motel, Inc. (Elsie Walters)	Motel	Ketchikan	\$625,600
FY TOTAL			\$625,600
<u>FY 1975</u>			
1. Creek Street Enterprises	Tourist Attraction	Ketchikan	126,000
FY TOTAL			\$126,000
<u>WATER RESOURCES</u>			
<u>FY 1978</u>			
1. Ketchikan Public Utilities	Utility	Ketchikan	420,000
FY TOTAL			\$420,000
<u>CHILD CARE</u>			
<u>FY 1978</u>			
1. Jeanneane Smith	Remodel	Ketchikan	3,950
FY TOTAL			\$3,950
<u>FISHERIES ENHANCEMENT</u>			
<u>FY 1978</u>			
1. SSERAA	Hatchery	Ketchikan	2,400,000
FY TOTAL			\$2,400,000
<u>GRANTS</u>			
<u>FY 1978</u>			
1. SSERAA		Ketchikan	100,000
FY TOTAL			\$100,000

HOUSE ELECTION DISTRICT #2

SMALL BUSINESS LOANS

<u>NAME</u>	<u>TYPE OF BUSINESS</u>	<u>LOCATION</u>	<u>AMOUNT</u>
<u>FY 1975</u>			
1. L. H. Clark	Tug Boat Operator	Tenakee	\$100,000
			\$100,000
FY TOTAL			
<u>FY 1977</u>			
1. John E. Eyon	Shopping Center	Wrangell	100,000
2. Jackson's Inc.	New Building	Kake	100,000
3. Anton Bowers		Petersburg	64,875
			\$264,875
FY TOTAL			
<u>FY 1978</u>			
1. Grant Thompson	Office Space	Petersburg	72,000
2. John Eyon	Building	Wrangell	120,000
3. Hugh Sorensen	Fish Tender	Petersburg	93,500
4. Glacier Bay Airways	Charter	Gustavus	72,000
5. Palmer Odegaard	Packer	Petersburg	137,000
			494,500
FY TOTAL			
<u>FY 1979</u>			
1. Ritchie Transportation	Tug/Warehouse	Wrangell	152,000
2. Martin Holmes	Warehouse	Petersburg	121,800
3. Richard Olson	Hotel	Wrangell	100,000

HOUSE ELECTION DISTRICT #2

COMMERCIAL FISHING LOANS

<u>NAME</u>	<u>TYPE OF LOAN</u>	<u>LOCATION</u>	<u>AMOUNT</u>
<u>FY 1974</u>			
1. Gary J. Stevens	Vessel	Wrangell	\$100,000
2. Daniel W. Sims	Vessel	Petersburg	22,500
3. Dennis L. Heimdahl	Vessel	Petersburg	18,000
4. Richard Eide	Vessel	Petersburg	100,000
5. Charles Jack, Jr.	Vessel	Hoonah	5,100
FY TOTAL			\$245,600
<u>FY 1975</u>			
1. James C. Stevens	Upgrade	Wrangell	30,000
2. Fred E. Haltiner, Jr.	Upgrade	Petersburg	50,000
3. Richard E. Hansen	Upgrade	Petersburg	18,000
4. Edward R. Ness	Vessel	Wrangell	25,000
5. Paul Garceau	Upgrade	Petersburg	15,000
6. Carl A. Peterson	Vessel	Wrangell	53,000
7. John F. Eide	Upgrade	Petersburg	15,000
8. William R. Menish	Vessel	Petersburg	30,000
9. John E. Jensen	Equipment	Petersburg	9,800
10. Raymond C. Winters	Equipment	Port Protections	12,000
11. Terry E. MacDonald	Vessel	Petersburg	60,000
12. John Rice	Vessel	Petersburg	17,000
13. Edwin O. Fuglvog	Vessel	Petersburg	100,000
FY TOTAL			\$434,800
<u>FY 1976</u>			
1. Arcadio Tagabon	Limited Entry Permit	Petersburg	10,500
2. David Lesh	Vessel	Gustavus	18,000
3. Norman Guthrie	Vessel	Petersburg	30,000
4. Aril Mathisen	Vessel	Petersburg	86,000
5. Ken Schoonover	Vessel	Hoonah	60,000
6. Grant Thompson	Vessel	Petersburg	33,000
7. Steven H. Thomassen	Construction & Refinancing	Wrangell	25,000
FY TOTAL			\$262,500
<u>FY 1977</u>			
1. Dennis Sperl	Vessel	Petersburg	31,275
2. Andrew Barlow	Vessel	Wrangell	10,900
3. Jon Stephen	Vessel	Petersburg	33,750
4. Sid Wright	Vessel	Petersburg	40,500
5. Nels Otness	Vessel	Petersburg	100,000
6. Dale Bosworth	Vessel	Petersburg	94,000
7. Douglas Stokes	Vessel	Wrangell	34,500
8. James Green	Vessel	Petersburg	47,000
9. Michael O'Schwartz	Vessel	Petersburg	28,000

House Election District #2
Commercial Fishing Loans

FY 1977 (continued)

10. Thomas Budd	Vessel	Hoonah	31,000
11. Victor Smith	Vessel	Petersburg	45,000
12. Robert Neimeyer	Vessel	Wrangell	8,373
13. Anthony Muskauage	Vessel	Petersburg	36,500
14. John Ende	Vessel	Wrangell	54,000
FY TOTAL			\$594,798

FY 1978

1. Gainhart Samuelson	Vessel	Petersburg	83,000
2. Bruce Eagle	Vessel	Wrangell	109,000
3. Dan Simms	Vessel	Petersburg	45,000
4. Norman Hickock	Vessel	Petersburg	25,000
5. Dan Simms	Vessel	Petersburg	50,000
6. Collin Martins	Vessel	Petersburg	142,000
7. Charles Christensen	Vessel	Petersburg	150,000
8. Douglas Kaino	Vessel	Petersburg	30,000
9. Jeffery Fundt	Vessel	Petersburg	110,000
10. Andrew Barlow	Vessel	Wrangell	16,500
11. Frederick Magill	Vessel	Petersburg	56,250
12. Ken Deitering	Vessel	Hoonah	24,000
13. Tom Lesh	Vessel	Gustavus	33,000
14. Edwin Vantress	Vessel	Petersburg	40,000
15. Mike Lopez	Vessel	Hoonah	94,500
16. Donald Kalk	Vessel	Petersburg	33,500
17. Dennis Heimdah!	Vessel	Petersburg	54,000
18. Robert Haltner	Vessel	Petersburg	46,500
19. Arnold Bakke	Vessel	Wrangell	65,000
20. Michael Schwartz	Vessel	Petersburg	44,700
21. James Erickson	Vessel	Hoonah	31,000
22. Richard Walsh	Vessel	Petersburg	110,000
23. Howard Conn	Vessel	Petersburg	100,000
24. Robert Kinneen	Vessel	Petersburg	22,000
25. David Lyons	Vessel	Petersburg	40,000
FY TOTAL			\$1,554,950

FY 1979

1. Michael Hay	Vessel	Wrangell	110,000
2. Charles Thynes	Vessel	Petersburg	32,250
3. Sigurd Mathisen	Vessel	Petersburg	335,000
4. Raymond Winters	Vessel	Petersburg	35,000
5. Clyde Curry	Vessel	Petersburg	250,000
6. William George	Vessel	Petersburg	40,000
7. Jack Lyons	Vessel	Petersburg	63,500
8. Raymond Evans	Vessel	Petersburg	60,000
9. Arnold Enge	Vessel	Petersburg	91,000
10. Herman Hansen	Vessel	Wrangell	45,000
11. John Edling	Vessel/Permit	Petersburg	90,000
12. Alvin Crayne	Vessel/Permit	Petersburg	93,150
13. Gary McCullough	Vessel/Permit	Petersburg	125,000
14. Hofstad & Severson	Vessel	Petersburg	393,150
15. Dan Crane	Vessel	Petersburg	25,500

House Election District #2
Commercial Fishing Loans

FY 1979

16.	Carl Crome	Vessel/Permit	Petersburg	139,000
17.	William Menish	Vessel/Permit	Petersburg	112,783
18.	Michael Hay	Vessel	Wrangell	20,000
19.	Rocky Littleton	Permit	Petersburg	26,000
20.	Paul Bowen	Vessel	Petersburg	61,700
21.	Eric Rosvold	Vessel	Petersburg	500,000
22.	Van Baker	Vessel	Gustavus	63,700
23.	Alan Stein	Vessel	Petersburg	30,000
24.	James Lesh	Vessel	Gustavus	21,600

HOUSE ELECTIONS DISTRICT #2

<u>NAME</u>	<u>TYPE OF LOAN</u>	<u>LOCATION</u>	<u>AMOUNT</u>
<u>TOURISM LOANS</u>			
<u>FY 1974</u>			
1. Frank See	Motel	Hoonah	\$150,000
FY TOTAL		\$150,000	
<u>FY 1976</u>			
1. Shockley-Sidwell	Vessel Charter	Glacier Bay	\$214,500
FY TOTAL		\$214,500	
<u>FY 1977</u>			
1. Richard Olson	Motel	Wrangell	\$145,000
FY TOTAL		\$145,000	
<u>FY 1979</u>			
1. Alaska Cruise Boat Co.	Vessel Charter	Glacier Bay	\$880,000
<u>FISHERIES ENHANCEMENT</u>			
<u>FY 1977</u>			
1. Kake Non-Profit Hatchery Corp.	Hatchery	Kake	15,000
FY TOTAL		15,000	
<u>FY 1979</u>			
1. Alaska Aquaculture Foundation	Hatchery	Wrangell	145,700
<u>WATER RESOURCES</u>			
<u>FY 1978</u>			
1. Thomas Bay Power Commission	Utility	Wrangell-Petersburg	300,000
2. City of Petersburg	Utility	Petersburg	910,000
FY TOTAL		\$1,210,000	

HOUSE ELECTION DISTRICT #3

SMALL BUSINESS LOANS

<u>NAME</u>	<u>TYPE OF BUSINESS</u>	<u>LOCATION</u>	<u>AMOUNT</u>
<u>FY 1975</u>			
1. Lawrence E. Powell (Mallott's General Store)	General Store	Yakutat	\$ 59,000
2. Byron I. Mallott	Boat Charter	Yakutat	38,000
FY TOTAL			\$ 97,000
<u>FY 1976</u>			
1. Channel Club	Tavern	Sitka	90,000
2. Gene Prewitt (Island Bus Company)	Bus Company	Sitka	93,000
3. Peter Rosi	Construction & Equipment	Sitka	25,000
FY TOTAL			\$208,000
<u>FY 1977</u>			
1. Allen Marine Ways	Real Property	Sitka	60,000
2. Gary Erb	Building	Sitka	95,000
3. Harold Thomason	Fishing Vessel	Sitka	45,000
4. Wilmac Corp.	Clothing Store	Sitka	100,000
5. Henry Matthaehi	Bakery	Sitka	100,000
FY TOTAL			\$400,000
<u>FY 1978</u>			
1. Harold Thompson	Fish tender	Sitka	104,500
2. Zana Stromme	Shoe store	Sitka	208,500
FY TOTAL			\$313,000
<u>FY 1979</u>			
1. Ralph Ulricksen	Hardware Store	Sitka	104,500
2. Robert Allen	Commercial Bldg.	Sitka	300,000
3. Gordon Harang	Commercial Bldg.	Sitka	300,000
4. Moore Clinic	Medical Building	Sitka	100,000
5. Charles Trierschield	Commercial Bldg.	Sitka	150,000
6. Leo Haag	Building	Sitka	200,000
7. David Kennedy	Store/Warehouse	Elfin Cove	74,000
8. Dwight Gregerson	Refinancing	Sitka	42,000

HOUSE ELECTION DISTRICT #3

COMMERCIAL FISHING LOANS

<u>NAME</u>	<u>TYPE OF LOAN</u>	<u>LOCATION</u>	<u>AMOUNT</u>
<u>FY 1973</u>			
1. William Mork	Vessel	Pelican	2,000
2. Donald T. Kenney	Vessel	Pelican	9,500
FY TOTAL			\$ 11,500
<u>FY 1974</u>			
1. Otto M. Petersen	Vessel	Sitka	35,500
2. Roy Levinee	Vessel	Sitka	100,000
3. Phillip R. Wyman	Vessel	Sitka	45,000
4. Houston L. Hannafious	Equipment	Sitka	7,000
5. Michael Leon Rose	Vessel	Sitka	20,000
6. James J. Cooper	Vessel	Sitka	33,500
7. Zane E. Newsom	Vessel	Pelican	37,500
FY TOTAL			\$278,500
<u>FY 1975</u>			
1. Wesley Kesler	Upgrade	Sitka	5,500
2. David D. Wallen	Vessel	Point Alexander	31,800
3. Ronald C. Conatser	Equipment	Sitka	12,000
4. Raymond F. Northrup	Vessel	Sitka	19,000
5. John R. Jager	Vessel	Sitka	70,000
6. Neland J. Haavig	Vessel	Sitka	22,000
7. Kenneth I. Mears	Equipment	Pelican	32,500
8. Jack A. Phillips	Vessel	Pelican	100,000
FY TOTAL			\$292,800
<u>FY 1977</u>			
1. Wayne Westover	Vessel	Sitka	50,000
2. Ernest Matteson	Vessel	Sitka	24,000
3. Henry Museth	Vessel	Elfin Cove	45,000
4. Dennis Hicks	Vessel	Sitka	56,000
5. Don Kenney	Vessel	Pelican	95,000
6. James A. Chesnut	Vessel	Sitka	73,000
7. Gary Boddy	Vessel	Sitka	30,000
8. Clyde Peters	Vessel	Elfin Cove	17,000
9. Marjorie Newman	Vessel	Elfin Cove	20,000
10. George C. Bogren	Vessel	Yakutat	29,000
11. Joseph Siebert	Vessel	Sitka	50,000
12. Carl Rerr	Vessel	Sitka	54,000
13. Ron Conatser	Vessel	Sitka	50,000
14. Robert Gibson	Vessel	Elfin Cove	30,000
15. David Turcott	Vessel	Sitka	60,000
FY TOTAL			\$683,000

House Election District #3
Commerical Fishing Loans

FY 1978

1. Walter Johnson	Vessel	Yakutat	60,500
2. Floyd Reeves	Vessel	Sitka	22,500
3. Harry Jimmy	Vessel	Sitka	76,500
4. Dexter Kyle	Vessel	Sitka	67,500
5. Michael Kelley	Vessel	Elfin Cove	50,000
6. Richard Elison	Vessel	Sitka	70,000
7. George Elison	Vessel	Sitka	39,000
8. Richard Palm	Vessel	Sitka	71,000
9. Robert Veach	Vessel	Sitka	60,000
10. Jerry Bowen	Vessel	Mt. Edgecumbe	19,500
11. James Cooper	Vessel	Sitka	110,000
12. Richard Palm	Vessel	Sitka	75,850
13. Gregory Howe	Vessel	Elfin Cove	13,000
14. Ernest Eggleston	Vessel	Pelican	15,000
15. Ronald Sparks	Vessel	Sitka	39,500
16. Edward Rutherford	Vessel	Sitka	26,500
17. Thomas Perry	Vessel	Sitka	28,800
18. Phillip Wyman	Vessel	Sitka	100,000
19. David Turcott	Vessel	Sitka	100,000
FY TOTAL			\$1,045,150

FY 1979

1. Paul Corbin	Vessel	Pelican	90,000
2. Gregory Howe	Permit	Elfin Cove	25,500
3. Thomas Anglin	Vessel	Pelican	225,000
4. William Rhodes	Vessel	Sitka	43,000
5. Sid Jarrell	Vessel	Pelican	195,000
6. Geoggrey Widdows	Vessel/Permit	Yakutat	36,500
7. James Swift	Vessel	Sitka	18,750
8. John Young	Vessel	Yakutat	483,500
9. Randolph Kalkins	Vessel	Wrangell	140,000
10. Harold Jenny	Vessel	Sitka	55,000
11. Clint Buckmaster	Vessel	Sitka	135,000
12. Kerry Chambers	Vessel	Sitka	37,500
13. Ramon Pillen	Vessel	Point Alexander	9,000
14. Bradley Padon	Vessel	Pelican	97,500
15. Don Nash	Vessel/Permit	Pelican	71,000
16. Wesley Kesler	Vessel	Sitka	15,700
17. Earnest Matteson	Vessel	Sitka	130,000
18. Daniel Cushing	Vessel	Sitka	102,000
19. Jack Bodding	Vessel	Sitka	155,000
20. Leroy Carson	Vessel	Pelican	63,750
21. Mark Pillett	Vessel	Sitka	64,000
22. David Kelly	Vessel	Sitka	172,500
23. David Kennedy	Vessel	Elfin Cove	57,000

HOUSE ELECTION DISTRICT #3

NAME

TOURISM LOANS

TYPE OF LOAN

LOCATION

AMOUNT

FY 1975

1. Potlatch Motel	Motel	Sitka	\$150,000
FY TOTAL		\$150,000	

FY 1978

1. Sitka Hotel Associates	Hotel	Sitka	1,880,000
FY TOTAL		\$1,880,000	

WATER RESOURCES

FY 1977

1. City of Sitka	Planning & Research	Sitka	450,000
FY TOTAL		\$450,000	

GRANTS

FY 1978

1. NSERAA		Sitka	100,000
FY TOTAL		\$100,000	

HOUSE ELECTION DISTRICT #4

SMALL BUSINESS LOANS

<u>NAME</u>	<u>TYPE OF BUSINESS</u>	<u>LOCATION</u>	<u>AMOUNT</u>
<u>FY 1973</u>			
1. Lowell B. Goodwin (Fashion Fabrics)	Retail Sales, Clothing	Juneau	\$ 40,000
2. Haines Transfer, Inc. (Donald E. Krake)	Trucking	Haines	35,000
3. Joe Hotch	Fishing Vessel	Klukwan	8,625
4. Lou E. Montgomery (Montgomery Forest Products)	Sawmill	Haines	25,000
FY TOTAL			\$108,625
<u>FY 1974</u>			
1. Robert J. Thibodeau (Shop Rite)	Retail Sales, Groceries	Juneau	60,000
2. Ly-Ver-Kay, Inc.	Retail Sales, Restaurant	Juneau	60,000
3. Roy M. VanKirk (Sunset Terrace)	Trailer Park	Juneau	40,000
4. E. L. "Red" Holloway	Motel	Juneau	60,000
5. Harold Gary Jacobsen (Honda Hut)	Retail Sales, Sporting Goods	Juneau	17,500
FY TOTAL			\$237,500
<u>FY 1975</u>			
1. Reliable Transfer, Inc.	Fuel, Oil & Freight	Juneau	100,000
2. Carlos C. Cadiente	Electronics Repair	Juneau	12,000
3. Carlson Sales Agency	Retail Sales	Juneau	23,000
4. J. R. Reynolds	Retail Liquor Sales, Cleaners & Laundromat	Juneau	100,000
5. Don E. Scofield	Contractor	Juneau	60,000
6. Douglas Trucking	Trucking	Juneau	50,000
7. Rudy J. Ripley (Commercial Art)	Sign Painter	Juneau	13,000
8. Linda Morgan	Ice Cream Parlor	Juneau	6,000
9. Ward A. Hisman	Gift Shop	Skagway	20,000
10. Harold & James Houston	Trailer Park	Haines	100,000
11. Cliff & Erma Slater (33 Mile House)	Roadhouse	Haines	31,000
12. Revis Enterprises, Inc.	Hotel	Skagway	75,000
13. Howsers & Hyatt, Ltd.	Retail Merchandise	Haines	100,000
14. David E. Olerud (Alaska Sport Shop)	Sporting Goods	Haines	50,000
FY TOTAL			\$740,000

CORRECTION

**THIS DOCUMENT
HAS BEEN REPHOTOGRAPHED
TO ASSURE LEGIBILITY**

HOUSE ELECTION DISTRICT #4

SMALL BUSINESS LOANS

<u>NAME</u>	<u>TYPE OF BUSINESS</u>	<u>LOCATION</u>	<u>AMOUNT</u>
<u>FY 1973</u>			
1. Lowell B. Goodwin (Fashion Fabrics)	Retail Sales, Clothing	Juneau	\$ 40,000
2. Haines Transfer, Inc. (Donald E. Krake)	Trucking	Haines	35,000
3. Joe Hotch	Fishing Vessel	Klukwan	8,625
4. Lou E. Montgomery (Montgomery Forest Products)	Sawmill	Haines	25,000
FY TOTAL			\$108,625
<u>FY 1974</u>			
1. Robert J. Thibodeau (Shop Rite)	Retail Sales, Groceries	Juneau	60,000
2. Ly-Ver-Kay, Inc.	Retail Sales, Restaurant	Juneau	60,000
3. Roy M. VanKirk (Sunset Terrace)	Trailer Park	Juneau	40,000
4. E. L. "Red" Holloway	Motel	Juneau	60,000
5. Harold Gary Jacobsen (Honda Hut)	Retail Sales, Sporting Goods	Juneau	17,500
FY TOTAL			\$237,500
<u>FY 1975</u>			
1. Reliable Transfer, Inc.	Fuel, Oil & Freight	Juneau	100,000
2. Carlos C. Cadiente	Electronics Repair	Juneau	12,000
3. Carlson Sales Agency	Retail Sales	Juneau	23,000
4. J. R. Reynolds	Retail Liquor Sales, Cleaners & Laundromat	Juneau	100,000
5. Don E. Scofield	Contractor	Juneau	60,000
6. Douglas Trucking	Trucking	Juneau	50,000
7. Rudy J. Ripley (Commercial Art)	Sign Painter	Juneau	13,000
8. Linda Morgan	Ice Cream Parlor	Juneau	6,000
9. Ward A. Hisman	Gift Shop	Skagway	20,000
10. Harold & James Horton	Trailer Park	Haines	100,000
11. Cliff & Erma Slater (33 Mile House)	Roadhouse	Haines	31,000
12. Revis Enterprises, Inc.	Hotel	Skagway	75,000
13. Howsers & Hyatt, Ltd.	Retail Merchandise	Haines	100,000
14. David E. Olerud (Alaska Sport Shop)	Sporting Goods	Haines	50,000
FY TOTAL			\$740,000

House Election District #4
Small Business Loans

FY 1976

1.	Fredrich Neal	Restaurant	Haines	3,000
2.	Dale C. Grier	Dental Clinic	Juneau	72,000
3.	Reinhold Fluck	Construction	Juneau	100,000
4.	Aurora Enterprises	Car Wash	Juneau	100,000
5.	Jerry Adams	Butcher Shop	Juneau	65,000
6.	Harry McLaughlin	Charter Boat	Juneau	100,000
7.	Bert Goodwin	Building	Juneau	100,000
8.	Irene Henricksen	Curio Shop	Skagway	100,000
	FY TOTAL			\$640,000

FY 1977

1.	Robert Schroth	Purchase Partners Int.	Juneau	100,000
2.	Frank Morelli	Construction	Skagway	72,500
3.	Katherine Jacobson	Construction	Juneau	34,500
4.	Harri Plumbing & Heating	Purchase Partners Int.	Juneau	100,000
5.	Horton's Properties, Inc.	Construction	Juneau	100,000
6.	Dennis Corrington	Construction	Skagway	25,000
7.	Irene Henrickson		Skagway	64,000
8.	Ron Sedgwick	Drugstore	Juneau	35,000
9.	Grant & Grant	Furniture Store	Juneau	100,000
10.	Benson & Deardoff	Logging	Haines	41,000
11.	Robert Diddier	Guided Tours	Juneau	35,000
	FY TOTAL			\$707,000

FY 1978

1.	Michael Vislocky	Auto Repair	Juneau	5,000
2.	Linda Morgan	Ice Cream Parlor	Juneau	8,500
3.	Ole Slettevold	Comm. Building	Skagway	70,000
4.	Cook & Mill	Comm. Building	Juneau	22,500
5.	Gary Moran	Gas Station	Skagway	76,300
6.	Skagway North Dev.	Hotel	Skagway	266,250
7.	Linda Morgan Anderson	Ice Cream Parlor	Juneau	28,500
8.	Lee Lucas	Auto Dealership	Juneau	300,000
9.	Horton Properties	Restaurant-Hotel	Juneau	300,000
10.	Ted Vadman-Romer Deer	Restaurant	Juneau	200,000
11.	Pioneer Plastics	Manufacturing	Juneau	300,000
12.	Mel Murphey	Courier Service	Juneau	1,000
13.	Pat DeAlexandro	Service Station	Juneau	161,000
14.	Robert Diddier	Tours	Juneau	19,000
15.	LyVerKay	Kentucky Fried Chicken	Juneau	105,000
16.	Gary & Rick Jacobsen	Auto Agency	Juneau	199,500
17.	Richard Chapman	Building	Juneau	180,000
18.	George Mann	Excavating	Juneau	67,900
19.	Roy Burns & Michael Gelston	Muffler Shop	Juneau	116,500
20.	Donald, James, Martin Madsen	Rental store	Juneau	300,000
21.	Norther Lights Corp.	Rental store	Juneau	185,000
	FY TOTAL			\$2,911,950

HOUSE ELECTION DISTRICT #4
Small Business Loans

FY 1979

1.	Chilkat Fuel, Inc.	Buy Out Partner	Juneau	60,000
2.	Ernest & Kjell Olsson	Hotel	Haines	75,000
3.	Channel Flying, Inc.	Hangar	Juneau	300,000
4.	David Olerud	Warehouse	Haines	148,000
5.	James Duncan	Restaurant	Juneau	120,000
6.	Brian Emerich	Commercial Bldg.	Juneau	133,500
7.	Richard Chapman	Office Bldg.	Juneau	281,250
8.	Dr. Eric Simpson	Vessel	Juneau	50,000
9.	Systems Northwest	Computer Equip.	Juneau	300,000
10.	John Vavalis, Jr.	Disco	Juneau	300,000
11.	Rudolph Pusich	Restaurant	Douglas	166,500
12.	Alfred Cook & Ken Mills	Commercial Bldg.	Juneau	100,000
13.	Glacier Valley Trailer Court	Trailer Court	Juneau	270,000
14.	Arnold & Jacquelynn Maier	Commercial Bldg.	Juneau	47,250
15.	Breeze In Corp.	Grocery Store	Juneau	145,000
16.	Reliable Transfer	Oil Co.	Juneau	300,000
17.	Harold Horton	Motel	Haines	133,500
18.	Duke Davis	Add to Building	Juneau	78,500
19.	Fernando Orozco	Restaurant	Juneau	300,000
20.	AK Property Management	Seven-Eleven Store	Juneau	135,000
21.	Harold Tarbox	Office Building	Juneau	103,000
22.	John Foskin	Equipment	Juneau	146,100
23.	Phillip Moritz	Dental Equipment	Juneau	50,000
24.	Charles Sothan	Equipment	Juneau	10,000
25.	Erwin Wright	Buy Out Partner	Juneau	175,000
26.	Dan Mortensen	Aircraft	Juneau	40,000
27.	Dan Bishop	Vessel	Juneau	30,000
28.	Dave Rodrigues	Building	Juneau	300,000
29.	Jerry Adams	Smokehouse	Juneau	114,300
30.	Farlin Cameron	Office Building	Juneau	67,500
31.	Joe Trucano	Crane	Juneau	300,000
32.	Kenneth Hansen	Office Building	Juneau	145,000
33.	Mike Adams	Hotel	Juneau	121,250

HOUSE ELECTION DISTRICT #4

COMMERCIAL FISHING LOANS

<u>NAME</u>	<u>TYPE OF LOAN</u>	<u>LOCATION</u>	<u>AMOUNT</u>
<u>FY 1974</u>			
1. John Gurth	Vessel	Juneau	\$ 40,000
2. Steven V. Hotch	Vessel	Haines	19,000
FY TOTAL			\$ 59,000
<u>FY 1975</u>			
1. Lorrie Bartlett	Upgrade	Juneau	20,000
2. Wayne Alex	Vessel	Douglas	14,000
3. David John	Upgrade	Juneau	15,750
4. Roger A. Gregg	Vessel	Juneau	22,500
5. Ronald C. John, Sr.	Equipment	Juneau	32,000
6. Arthur Bernard Osborne	Vessel	Juneau	11,000
7. James D. Weber	Vessel	Juneau	23,000
8. Clancy V. Henkins	Vessel	Douglas	37,500
9. William G. Albecker	Construction	Haines	39,000
10. William H. Sparks	Vessel	Haines	17,700
FY TOTAL			\$232,450
<u>FY 1976</u>			
1. Ernest Garner	Vessel	Juneau	30,000
2. Don Gray	Vessel	Juneau	40,000
3. Russel Spellman	Vessel	Haines	30,000
4. Tom Anglin	Vessel	Juneau	100,000
5. Frank Kock	Vessel	Juneau	40,000
6. Ed Bergeron	Vessel	Juneau	60,450
7. Tom Kelly	Vessel	Juneau	15,000
8. Eldon Dennis	Refinance & Capital	Juneau	13,500
9. Frank Smith	Vessel	Juneau	27,000
10. Dick Hotch	Construction	Haines	34,000
FY TOTAL			\$389,950
<u>FY 1977</u>			
1. Phillip Daniel	Vessel	Juneau	52,500
2. Alonzo J. Knutson	Vessel	Juneau	35,000
3. Norval Nelson	Vessel	Juneau	10,800
4. Gary Beal	Vessel	Juneau	23,000
5. Phillip Templeton	Vessel	Juneau	45,000
6. Ray Smith	Vessel	Juneau	27,300
7. Ken Millard	Vessel	Juneau	33,750
8. Glenn Mielke	Vessel	Juneau	65,000
9. Allen Taug	Vessel	Juneau	34,500
10. Terrance Pardee	Vessel	Haines	73,000
11. Jay Davis	Vessel	Juneau	30,000

House Election District #4
Commercial Fishing Loans

FY 1977 (continued)

12.	W. H. Armour	Vessel	Juneau	14,000
13.	Lorrie Bartlett	Vessel	Juneau	12,550
14.	Robert Nyman	Vessel	Juneau	34,500
15.	David Templeton	Vessel	Juneau	22,500
16.	Michael Lonergan	Vessel	Juneau	99,000
17.	Joe Whiting	Vessel	Juneau	31,000
18.	Daniel Edmonson	Vessel	Juneau	30,000
19.	James Beaton	Crab Pots	Juneau	9,000
20.	James Becker	Entry Permit	Juneau	18,000
21.	James Wild	Vessel	Juneau	8,000
22.	William Walker	Vessel	Haines	45,000
23.	Leo Albecker	Vessel	Haines	25,000
24.	Ernie Garner	Vessel	Juneau	40,000
25.	Robert Becker	Vessel	Juneau	60,000
26.	Darrel Ness	Vessel	Juneau	78,000
27.	Jones Hotch	Vessel	Haines	23,000
28.	Theodore David	Vessel	Haines	30,000
29.	Eldon Dennis	Vessel	Juneau	50,000
	FY TOTAL			\$1,059,400

FY 1978

1.	Ted Merrel	Vessel	Juneau	47,700
2.	Pete Howard	Vessel	Juneau	31,500
3.	David Carnes	Vessel	Juneau	65,000
4.	Bruce Lewis	Vessel	Juneau	20,000
5.	Robert Adkins	Vessel	Haines	38,500
6.	Eldon Dennis	Vessel	Juneau	60,000
7.	Helen Bartlett	Vessel	Juneau	24,000
8.	Lorrie Bartlett	Vessel	Juneau	29,000
9.	Jim Beaton	Vessel	Juneau	71,000
10.	Roger Walling	Entry Permit	Juneau	41,000
11.	Sid Jerrell	Vessel	Juneau	10,000
12.	Michael Mann	Vessel	Juneau	41,000
13.	Leo Albecker, Sr.	Vessel	Haines	31,000
14.	Richard Gregg	Vessel	Juneau	14,000
15.	Arnold Hanger	Vessel	Juneau	23,750
16.	Fred Olson	Vessel	Juneau	112,000
17.	Ernest M. Garner	Vessel	Juneau	48,000
18.	David M. McNiven	Vessel	Juneau	36,000
19.	Daniel Edmonson	Vessel	Juneau	24,900
20.	Scott Lewis	Vessel	Juneau	42,000
21.	Bernard Ivey	Vessel	Juneau	41,250
22.	Oliver Mooney	Vessel	Juneau	108,500
23.	Bernard Ivey	Vessel	Juneau	80,000
24.	Joseph Endris	Vessel	Juneau	4,000
25.	Kenneth Hines	Vessel	Juneau	63,000
26.	Helen Bartlett	Vessel	Juneau	34,700
27.	Bruce Lewis	Vessel	Juneau	149,500
28.	Gale Good	Vessel	Juneau	33,000
29.	Robert Austin	Vessel	Juneau	70,000
30.	Stephen McGraw	Vessel	Juneau	16,500
31.	Roger Walling	Vessel	Juneau	75,000
32.	William Albecker	Vessel	Haines	48,700

House Election District #4
Commercial Fishing Loans

FY 1978 (continued)

33.	Charles Clayton	Vessel	Haines	47,000
34.	Dave Choquette	Vessel	Juneau	28,500
35.	Albert Van Geystel	Vessel	Juneau	54,000
36.	Daniel Pardee	Vessel	Haines	61,500
37.	Karl Steindahl	Vessel	Juneau	79,000
38.	H.C. Bieleski	Vessel	Haines	25,000
39.	Randy Beason	Vessel	Juneau	51,000
40.	Richard Kendall	Vessel	Douglas	50,000
	FY TOTAL			\$1,930,500

FY 1979

1.	Kenneth Scott	Vessel	Auke Bay	45,000
2.	Larry Carson	Permit	Juneau	10,000
3.	William Dore, Jr.	Vessel	Douglas	48,000
4.	Ted Whitbeck			
	Tom Zarubi	Vessel	Juneau	120,000
5.	Michael Mann	Vessel	Juneau	4,000
6.	Ernie Garner	Vessel	Juneau	-12,000
7.	Christopher Birchard	Vessel	Juneau	121,000
8.	David McNiven	Vessel/Permit	Juneau	109,000
9.	William Zulfelt	Vessel	Juneau	73,500
10.	Henery Roesing	Permit	Juneau	15,100
11.	Gary Beal	Vessel	Juneau	98,500
12.	Donald Turner, Jr.	Vessel	Haines	142,500
13.	D. Eric McDowell	Vessel/Permit	Juneau	52,000
14.	Charles Clayton	Vessel	Haines	11,500
15.	Robert Fischel	Vessel	Juneau	75,000
16.	Joseph Whiting, Jr.	Permit	Juneau	65,000
17.	Garri Constantine	Vessel	Douglas	14,250
18.	T. Michael Lewis	Vessel	Juneau	30,000
19.	Jay Davis	Vessel	Juneau	40,000
20.	Harry Smith	Vessel	Juneau	42,000
21.	Charles Polk	Vessel/Permit	Juneau	63,000
22.	Phillip Hanson	Vessel/Permit	Juneau	45,000
23.	Douglas Karnes	Vessel	Haines	99,000
24.	Gary Sheridan	Vessel/Permit	Auke Bay	60,000
25.	Steven Pierce	Vessel/Permit	Juneau	25,500
26.	Joel Pasquan	Vessel/Permit	Juneau	75,000
27.	Norman Blank	Vessel/Permit	Haines	48,000
28.	Joseph Giefer & Karey Cooperrider	Vessel	Juneau	70,500
29.	John Farleigh & Ann Krekeberg	Vessel/Permit	Juneau	54,500
30.	Wayne Alex	Vessel	Juneau	187,500
31.	Norman Blank	Vessel/Permit	Haines	55,800
32.	Roy Smith	Vessel/Permit	Juneau	113,475
33.	Earnest Garner	Vessel	Juneau	70,000
34.	Morton Cook	Permit	Juneau	15,000
35.	Lorrie Bartlett	Gear	Juneau	48,600
36.	Micheal Knauss	Vessel/Permit	Juneau	55,000
37.	Donald Koppela	Vessel	Juneau	120,000
38.	James Webber	Vessel	Juneau	93,750
39.	James Moore	Vessel	Haines	97,500

House Elections District #4
Commercial Fishing Loans

FY 1979 Cont.

40. McCoy Taylor	Vessel	Haines	51,000
41. Roger Gregg	Vessel	Juneau	90,000