Alaska Energy Cost Reduction Program
Progress Report

Grantee: Alaska Power Company (a/k/a Alaska Power and Telephone Company)

Project Name: APC Mergers and Consolidation Project, Prince of Wales Island (POW Upgrades)

Grant # **0073-DC-2002-I26**

Period of Report: April 1, 2002 through June 30, 2002

Project activities completed:

Installation of the automated motor control line breaker in Kasaan is near completion.

The 3-phase line extension to upgrade the City of Klawock shop from single phase is complete.

Removal of abandoned TV cable in Klawock and Thorne Bay is near completion. Raptor protection has been installed across the top of crossarms on poles where necessary.

In Klawock, the Over Current Protection (OPC) controls are being redesigned.

Untreated, deteriorated cedar poles in Klawock are being replaced with poles meeting NESC requirements.

Project existing or potential problems:

No problems existing or indicated at this time.

Activities targeted for Next Reporting Period, July 2002:

Continue with the replacement of deteriorated and undersized poles in Klawock.

Complete removal of TV cable and raptor protection in Klawock and Thorne Bay.

Implement the redesigned Over Current Protection system.

Continue with the switchgear upgrade and the insulation of the power plant building in Kasaan.

Alaska Power & Telephone Company
Denali Commission Grant
Mergers and Consolidation Project No. 0073-DC-2002-I26
Financial Status Report
April 1 through June 30, 2002

7/31/02
Dusty Nellis

Work Description	Total Project Budget	Budget 2nd Qtr	2ND QUARTER ACTUAL ALLOWABLE COSTS: Direct Labor	Fringe Benefits @ 52%	Direct Costs	G & A Overhead @ 20%	Heavy Vehicle @ 48%	Light Vehicle @ 27%	Total 2nd Qtr Project Expense	GRANT Project to Date Expenses Beg 4/1/02	APT Project to Date Expenses Beg 1/1/02	Cost % of Total Budget
Klawock:												
C245 Replace deteriorated poles	118,500.00	25,000.00	5,991.50	3,115.58	4,188.53	2,036.01	2,875.92	-	18,207.54	18,207.54	28,226.34	23.82%
C246 Replace undersized poles	125,000.00		439.33	228.45	1,036.00	295.07	210.88	-	2,209.73	2,209.73	2,275.74	1.82%
C242 Correct NESC violations	10,500.00			-		-	-	-	-	-		0.00%
C244 Remove abandoned TV cable	9,000.00	9,000.00	822.00	427.44	-	164.40	394.56	-	1,808.40	1,808.40	6,778.20	75.31%
Raptor protection on Harbor View Dr.	8,000.00			-		-	-	-	-	-		0.00%
C243 OCP scheme and implementation	9,000.00	9,000.00	955.50	496.86	56.77	202.45	458.64	-	2,170.22	2,170.22	2,170.23	24.11%
C247 Re-route distribution on Anchorage Ave.	10,000.00			-		-	-	-	-	-		0.00%
C241 Extend 3 phase power to 3 areas	10,000.00	10,000.00	-	-	2,403.60	480.72	-	-	2,884.32	2,884.32	10,150.16	101.50%
Total Klawock	300,000.00	53,000.00	8,208.33	4,268.33	7,684.90	3,178.65	3,940.00	-	27,280.21	27,280.21	49,600.67	16.53%
Kasaan:												
C238 Upgrade switchgear	35,000.00	35,000.00	3,103.37	1,613.75	9,459.03	2,512.48	1,439.62	-	18,178.25	18,178.25	20,138.21	57.54%
Map URD (underground) system	5,000.00			-		-		-	-	-		0.00%
Insulate power plant building	10,000.00	10,000.00		-		-		-	-	-		0.00%
Replace non-compliant parts of URD syste	50,000.00			-		-		-	-	-		0.00%
Total Kasaan	100,000.00	45,000.00	3,103.37	1,613.75	9,459.03	2,512.48	1,439.62	-	18,178.25	18,178.25	20,138.21	20.14%
Thorne Bay:												
Replace 3 transformers with 1-750 KVA uni	25,000.00			-		-		-	-	-	-	0.00%
Rebuild non-compliant substation	60,000.00			-		-		-	-	-	-	0.00%
Replace 480V breakersw/4.16 kV OCRs	60,000.00			-		-		-	-	-	-	0.00%
Replace 480V distribution	30,000.00			-		-		-	-	-	-	0.00%
Correct NESC violations	10,000.00			-		-		-	-	-	-	0.00%
Remove abandoned TV cable	15,000.00			-		-		-	-	-	-	0.00%
Total Thorne Bay	200,000.00	-	-	-	-	-	-	-	-		-	0.00%
Total Grant	600,000.00	98,000.00	11,311.70	5,882.08	17,143.93	5,691.13	5,429.62	-	45,458.46	45,458.46	69,738.88	11.62%

Denali Grant Prince of Wales Island Upgrade Project Budget	600,000.00
Total allowable grant project expenditures @ 6/30/02	45,458.46
Total Denali Funds used @ 6/30/02	-
% of expenditures to total budget	7.58%