

## **Alaska Energy Cost Reduction Program Progress Report**

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

**Project Name:** Allakaket Power Plant Relocation (Denali)

**Grant # 169-05**

**Period of Report:** Fourth Quarter 2005 (October 1, 2005 to December 31, 2005)

### **Project activities completed:**

Staff is working with the Department of Transportation's Airport Leasing Officer to complete permits for leasing a lot near the airport apron for an AP&T vehicle garage.

Work this last quarter has included driveway culvert placement, laying foundational pad and driveway tymp, gravel excavation, and constructing the driveway and foundational pad for the new powerhouse. Local operators and construction equipment were contracted and worked under the direction of AP&T supervisors. Gravel was placed across the entire powerhouse pad and stockpiled for continued grading work when weather allows. Gravel has also been stockpiled for the construction of a garage foundation at the airport.

Manufacturing of the new powerhouse equipment and modules continues at offsite locations. The powerhouse module containers have been specified and ordered for delivery to the assembly shop the first week in February. The switchgear and control equipment was ordered with an early April delivery time.

AP&T is currently preparing a request for a Budget and Program Revision, as per Section 5 of the FAA, for additional project funding based on unexpected cost overruns and changes in the project scope.

### **Project existing or potential problems:**

There is ongoing fight to keep the dilapidated equipment running while weather issues require plowing heavy snowfall work areas. Work was curtailed for two weeks in November due to severe cold temperatures.

Several material backorders are delaying construction schedules.

A late breakup of river ice or excessive precipitation could delay completing the foundation pad.

Competition with FAA projects has reduced availability of local workers and equipment.

### **Activities targeted for Next Reporting Period, First Quarter 2005:**

Continue working to lease a small lot for use as a garage at the airstrip.

Complete specifications and order garage materials.

Site work will continue when weather and ground conditions allow.

The engines, generators, and radiators should be delivered to the AP&T assembly shop, recently leased in south Seattle, the week of January 24. Work will continue on assembly and testing of the powerhouse equipment and modules. The schedule is for powerhouse to be completed and ready for testing at the end of April.