

Alaska Energy Cost Reduction Program Progress Report

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

Project Name: APC South Fork Hydro Project

Grant # 2195156

Period of Report April 1 to April 30, 2005

Project activities completed:

- The powerhouse retaining wall footings and retaining wall forming and pouring were completed. This large wall is on the schedule's critical path and will need to cure for two weeks before backfilling.
- The tailrace pipe to grade completed.
- Receive and provide storage for powerhouse and substation equipment.
- Hauling and placing rock continued to stabilize the slide area below the tailrace.

Project existing or potential problems:

A decision Sealaska, USFS and ADFG on requirements for a permanent access road culvert washout solution remains pending. The twin 48 inch culverts have handled the spring runoff but have begun to deform due to limited cover. This is the only access to the project and will create delays if the culverts collapse or another high water event washes out the road. Several options are being investigated.

The accelerated project schedule has begun to slip due primarily to recent staff changes. Corrective actions are being evaluated.

Activities targeted for the Next Reporting Period, May 2005:

- Continue to follow all environmental plans and requirements of the Environmental Compliance Monitor.
- Complete the rockwork to stabilize the slide area below the tailrace.
- Cut and weld miter bends for the steel penstock transition pieces between the end of the ductile iron penstock and the turbine inlet valve.
- Excavate, form and pour stage 3 and 4 concrete at the powerhouse.
- Backfill the behind the powerhouse wall.