

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

**Grantee:** Alaska Power & Telephone Company

**Project Name:** Upper Lynn Canal Power Supply Projects (Denali)

**Financial Assistance Award # 296-07**

**Period of Report:** First Quarter 2008 (January 1 to March 31, 2008)

### **Project activities completed:**

- The South bridge abutments were completed and backfilled around them.
- Assembled the bridge and completed the approaches.
- Temporary shelters were erected to shelter work areas.
- Relocated construction equipment sheds and established power to dam site.
- Excavated and constructed of the dam abutments.
- The dam sluiceway and forebay walls were constructed.

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

Two weeks of time was lost due to single digit temperatures and high winds in February. The time was made up after temperatures moderated by utilizing contract labor from all local contractors. The project suffered a tragic accident that took the life of the driver of a redi-mix truck delivering concrete on March 20. The driver was crushed between a loader and the redi mix truck while connecting a tow chain. Construction was delayed three days while OSHA and insurance investigators were on site. The diversion dam has to be built during the low water period prior to spring thaws. At this time it appears that the diversion dam will be successfully completed prior to the spring runoff.

### **Activities targeted for Next Reporting Period, Second Quarter 2008:**

- Complete the sluiceway including the sluiceway gate.
- Construct a cofferdam to divert the creek through the sluiceway.
- Complete the diversion dam spillway including installation of the spillway gates.
- Complete the concrete foundation, walls and superstructure for the valve house.
- Complete the installation of the intake, and inlet valve.
- Fusion weld 1400 feet of 48" HDPE penstock and bury
- Construct thrust blocks and continue laying ductile iron penstock
- Begin installation of powerhouse equipment