

## Keswick Dam Project

INDUSTRY: **Hydro**

APPLICATION: **Maintenance and Repairs**

PRODUCT: **150 Ton Sister Hooks, Main and Auxiliary Wire Ropes**

SERVICES: **Service and Upgrades**

### THE CHALLENGE

The Keswick Dam's turbine cranes required repairs in order to uphold safety and maintenance.

### THE SOLUTION

American Crane and Equipment Corporation was tasked with replacing two 115 ton sister hooks and wire ropes on both the main and auxiliary hoists. Using drawings that were generated in the 1940's, we had hooks specially forged to meet the existing hook block cross head tolerances and clearances required to mate to the lifting beam. Both main hoists and auxiliary hoists wire ropes were replaced. The crane was inspected in accordance with OSHA 1910.170 and the crane load tested at 124% of its rated capacity.

### THE RESULT

American Crane provided the Keswick Dam with a properly running turbine crane to ensure that the operation was safe for the future.

