

Loaded Cars Are Lowered Into Canyon

Railroad cars, bearing 137 tons of loads, are being swung down into Black canyon as the bureau of reclamation, under whose direction the Boulder Canyon project is being built, makes ready to install the turbines in the powerhouse structure.

Tuesday a railroad car bearing one of the scroll-case sections was run onto the car-cradle near the head tower of the government cableway. The car and its load, and the cradle, were picked up by the huge 150-ton government cable-way and swung down into the canyon to the landing platform on the downstream end of the Nevada wing of the powerhouse. Reclamation officials said today that the total weight of the car and car load was 274,640 pounds, or 137 tons.

From the Milwaukee, Wisconsin, factory of the Allys-Chalmers company sections of the scroll cases, important parts of the turbines, are being shipped to Boulder by rail. Each scroll case consists of six sections, and the one handled yesterday weighed 90,000 pounds.

Water from the penstock tunnels will travel thru the scroll case, which is similar somewhat in design to a gigantic snail shell, to reach the turbine "runner" which, in turn, will propel the generator.

Five scroll cases, the initial installation under present specifications, will be placed in the powerhouse. Four of the total will be placed for the 115,000 horse-power turbines in the Nevada wing, and one will be placed for the 55,000 horse-power turbine to go in the Arizona wing. They will be installed in the generator floor room at elevation 673.