

DAM LIGHTING TO BE AN EFFECTIVE AID TO BARRIER

Lights to Add Much to the Beauty of Imposing Structure

Boulder dam, between the two dark walls of Black canyon, will present a spectacle of sheer beauty upon completion by the bureau of reclamation of the installation of lighting effects.

Bureau of reclamation engineers have solved the problem of lighting the world's largest dam, and government electricians are now engaged in the installation of over 200,000 feet of wire and over 200 electric lights which, at night, will make the Boulder dam and its appurtenances the most brilliant spot in the southwest.

FROM ATOP each of the four intake towers a cast aluminum-alloy lantern containing six 300-watt lights will shed a soft gleam down onto the operating house roofs. Forty special 300-watt floodlights, 10 to each tower, will illuminate the exterior walls of these operating houses, and will be placed in the parapet walls surrounding the tops of the towers.

The roadway across the top of Boulder dam will be lighted by 104 200-watt lights, using 100-volt circuits. These lights will be installed in the dam parapet and will illuminate the center of the dam with an intensity of one candle power.

BRIDGES LEADING from the two downstream intakes to the dam will be lighted with 60-watt lights, set in the bridge parapets. The bridges connecting the downstream intakes with the two upstream intakes will also be illuminated in a like manner. A total of 34 lights will be used on the four bridges.

The aluminum-alloy lanterns are being furnished the bureau of reclamation by the Graybar Electric company of Denver. All wire used in the lighting job is being purchased from the Mine and Smelter company, also of Denver.