

HYDROELECTRIC BARRIER WOULD BE BUILT ABOVE BOULDER DAM

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Bridge Canyon Planned as
The Site of New, Huge
Barrier

PWA FUNDS SOUGHT

Engineers Say New Structure Would Solve Silt Problem at Boulder

PHOENIX, Aug. 16. (UP)—Another gigantic dam on the Colorado river in the upper end of Boulder lake, 75 miles airline from Boulder dam, will be erected by the state of Arizona if permission can be secured from the federal power commission.

Application for the project was made yesterday by the Arizona Colorado river commission, thru Secretary Donald C. Scott, who said further action awaited the decision of the commission.

The dam would be located in Bridge Canyon, would be of concrete arch type 570 feet high, and would be entirely a power development project, Scott said.

The application proposes an initial installation of generators with a capacity of 800,000 horsepower, and points out that later developments upstream would impound additional waters and permit installation of an additional 300,000 horsepower capacity, Scott said, enabling the project to generate slightly more than half of the energy that can be produced at Boulder dam.

THE RIVER would be backed up 78 miles by the dam, but it is not proposed that any of the impounded water would be used for irrigation purposes.

If the application is approved, the state of Arizona will erect the dam is a PWA project and have exclusive right to all the power generated, it was pointed out.

The public works administration has been asked for a preliminary grant to help finance the necessary surveys which are expected to cost \$175,000.

"THE COMMISSION does not anticipate this dam will be needed for five years, but it does anticipate it will be needed by the end of 15 years if development in the state continues as it has in the past," Scott said, pointing out that surplus power from Boulder dam has been made available for only 15 years to certain sections of Arizona.

The proposed dam site is closer to Phoenix and the Salt River Valley than Boulder Dam and is but 20 miles from the Santa Fe railroad.

ENGINEERS pointed out that the dam would solve the silt control problem of Boulder dam, and that its construction might result in Arizona's giving up claim to any of the power generated at Boulder dam.