

Firm Power Now At Boulder Dam

Storage in Lake Mead, created on the Colorado river by Boulder Dam, reached 13,000,000 acre feet, providing a head of 428 feet for the turbines in the power house. This is 8 feet of head more than that required for continuous production of firm power at the Boulder Dam power plant.

Catching the spring mountain run-off Lake Mead is now rising at the rate of approximately 1.8 feet a day—a unique sort of flood tide which rises but does not ebb.

Bureau of Reclamation engineers had anticipated that sufficient head would be available before June 1 to permit operation of the Boulder Dam power plant from that day forward on a continuous firm power basis. Notifications have been sent to the purchasers of Boulder Dam power by Secretary of the Interior Harold L. Ickes that on and after June 1 the firm power rate of 1.63 mills per kilowatt hour would be effective at Boulder Dam.

Three million acre feet of water has been added in Lake Mead in a little more than thirty days. The Colorado river is flowing at the head of Lake Mead at the rate of about 81,000 cubic feet per second. The flow at present is at moderate flood stage, with the peak of the spring flood, which results from melting snows in the Rocky Mountains, not yet arrived.

At 13,000,000 acre feet, Lake Mead covers 81,200 acres and is 105 miles long.

The Boulder Dam power plant has been in operation since September, but the cities of Los Angeles, Glendale, Pasadena and Burbank, California, the first contractors to take power have been paying only half a mill per kilowatt hour, since the government was not ready to guarantee them continuous service until today when the head of 428 feet was supplied. On June 1, when the contracts become binding on a firm and continuous basis, the revenue from the power being generated at Boulder Dam, approximately 80,000,000 kilowatt hours a month, will be more than tripled. It is estimated that \$1,500,000 will be received by the government from the sale of Boulder Dam power this year.

When the secretary notified the Southern California municipalities that the Bureau of Reclamation was prepared to serve them continuous power, he set in motion a train of contracts covering all the power ultimately to be generated from Boulder Dam. Other power contractors, whose contracts automatically become binding upon them at stipulated intervals following June 1 are making preparations to receive and handle their supplies. The Southern California Edison Company, which is not required to take power until three years have elapsed, is beginning construction of its power line which will extend from Boulder Dam to Chino, California, in the expressed hope that it may be able to receive power in advance of the date set in its contract.

The Metropolitan Water District of Southern California already has

constructed its power line from Boulder Dam and thence along its aqueduct route in Southern California. Under the contracts as drawn and signed April 26, 1930, the Metropolitan Water District will be the next contractor required to take power from Boulder Dam.

The Southern Sierras Power Company, another power contractor, constructed its line to Boulder Dam from San Bernardino, California several years ago. This company supplied power to Boulder Dam during the construction period and will use the same line to transmit its Boulder Dam power to its Southern California network.

Nevada Youth State Champs

Two Nevada young people, Phillip Hutchinson of Reno, and Miss Helen Box of Reno, have just been announced as state champion in two national contests.

Mr. Hutchinson is state winner in the second national meat poster contest, and Miss Box has been awarded first place in Nevada in the fourteenth national meat essay contest. Committees of prominent ar-

tists and home economics authorities selected the winner

A total of 20,581 students from 1,017 high schools representing every state participated in these competitive events, according to the National Live Stock and Meat Board, sponsor of both contests.

Mr. Hutchinson's winning poster stressed the importance of meat in proper nutrition. The title of Miss Box' winning essay was "The Value of Meat in the Diet."

The national champion in the poster contest was Miss Jane Morry of Detroit, Mich., while Miss Eleanor Duncan of Liberty, Mo., won the national award in the essay contest.

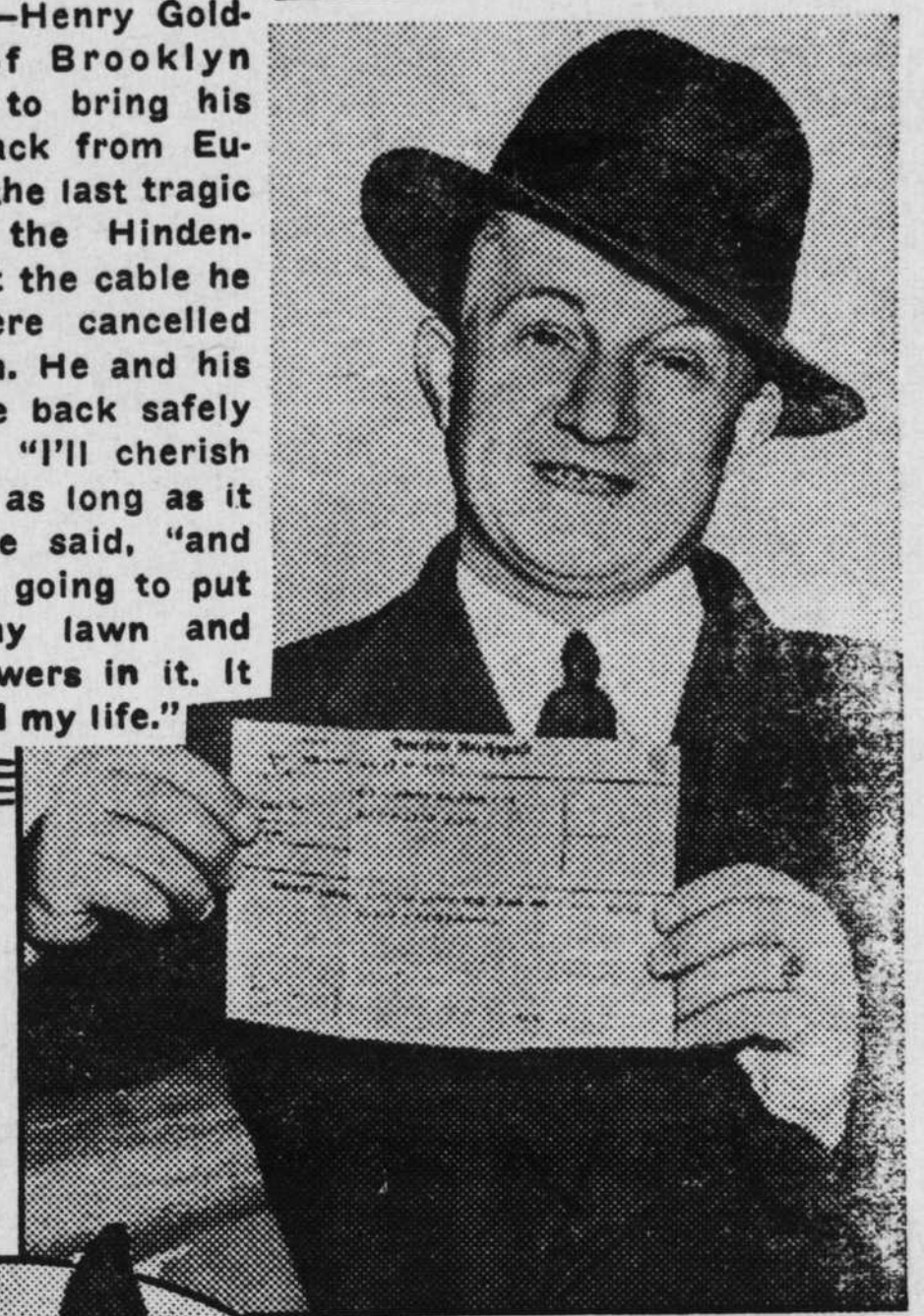
In The WEEK'S NEWS



THE DUKE AND THE DUCHESS—His brother formally crowned, her divorce final and complete, the world's foremost lovers pose for a photograph on the lawn of their bridal rendezvous. Hereafter they will pose as the Duke and Duchess of Windsor.



OUT IN FRONT—No camera was needed to pick the winner when Jockey J. Dyer brought Transmutable home far ahead of the field in the first running of a new track classic, the Crab Orchard Handicap at Aurora.



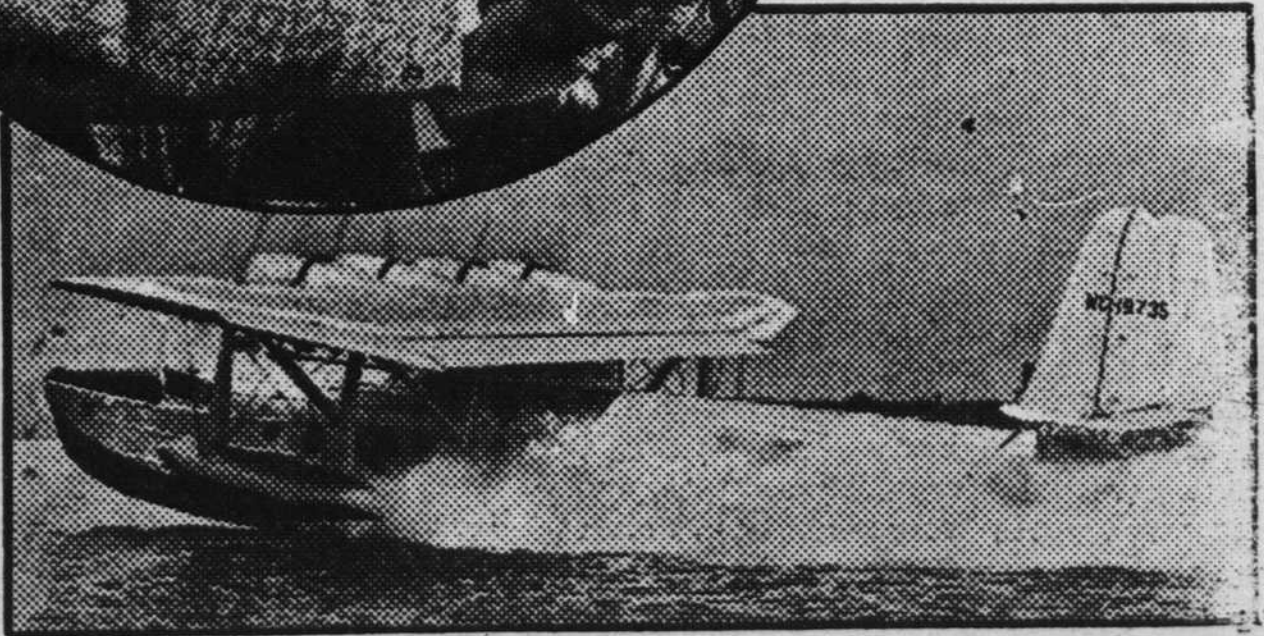
LUCKY—Henry Goldkuhle of Brooklyn planned to bring his Buick back from Europe on the last tragic trip of the Hindenburg, but the cable he holds here cancelled that plan. He and his car came back safely by boat. "I'll cherish that car as long as it runs," he said, "and then I'm going to put it on my lawn and plant flowers in it. It saved my life."



SUMMER EVENING FROCK—Kathryn Marlowe, screen star, is shown wearing one of her prettiest evening frocks. It is printed cotton in maize, blue and black on a white background. The short jacket is outlined with a wide band of maize handkerchief linen, which also forms the border on the flared skirt.



READY TO RETIRE—Supreme Court Justice Willis Van Devanter, who resigned his post on the nation's ultimate tribunal, looks over the stock on the 788-acre Maryland farm on which he will henceforth spend most of his time.



BERMUDA BY PLANE—A quick ocean hop to the island of Bermuda will be possible hereafter for time-pressed vacationists. Here the new Bermuda Clipper takes off on a survey flight prior to the opening of regular service.