

Not for Public Release

9-21-60

Syracuse

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a. As a result of studies recently completed it appears that the full pool level for the Bruce Eddy reservoir should be established at elevation 1600 feet above mean sea level. This will require a dam with hydraulic height of 630 feet and a structural height of about 680 feet. Final decision has not as yet been made, however, as to the pool elevation to be selected.

b. The area of the proposed pool at elevation 1600 would be 16,970 acres. At elevation 1540 the pool area would be 13,700 acres.

c. Studies as to the amount of useable storage to be provided at the project have not been completed, but the final answer will probably be in the range of 1,800,000 acre-feet to 2,000,000 acre-feet. Reservoir fluctuation with these storage amounts would be about 135 feet and 155 feet respectively.