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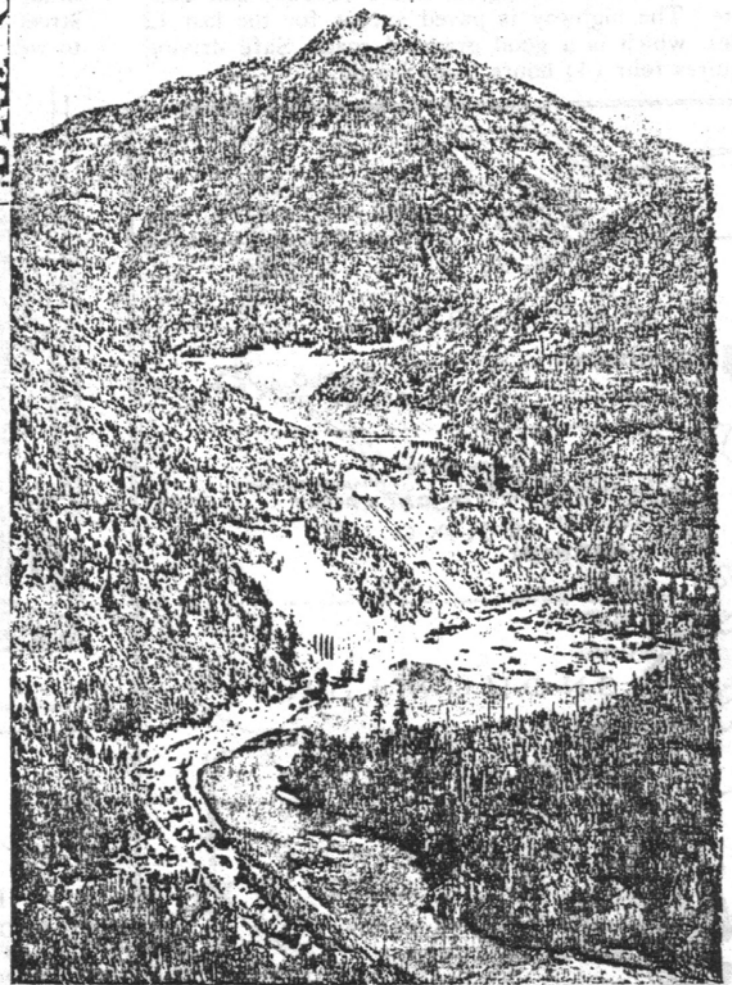
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The Skagit

POWER PROJECT

FLOOD CONTROL FOR THE SKAGIT VALLEY

Ruby Dam will also control flood waters of the Skagit so that the floods of the upper Skagit can be impounded and held until the crest of the floods in the lower valley has passed. The area of Ruby Reservoir at elevation 1710 is approximately 20,000 acres, or 31.25 square miles. The highest flood ever to be expected would raise its level only six feet in 24 hours. It is planned to build Ruby Dam with crest at elevation 1725, and to hold the top 15 feet of the reservoir empty for the catchment of flood waters. In that way the City can guarantee to the valley below that the crest of the greatest flood ever to come will be reduced by approximately 33 per cent, and that all of the ordinary Skagit floods will be rendered entirely harmless.



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