

Site No. 19050003-16 TK
1/79

UNDEVELOPED HYDROELECTRIC SITE

State ALASKA County _____ Site TAZLINA RIVER (USCE)

Location SW 1/4 Section 30, T3N, R5W Copper River Meridian (RM 36?) Stream same trib Copper River

Planned by (date) _____

Reference "Interim Report No. 3, Copper River & Gulf Coast, ALASKA, USCE, pg 104-105 Date 10/30/1950

Quadrangle coverage GULKANA (1°X3°); GULKANA (A-5)

Land: Public _____ Private _____ Use: P, I, FC, MI, R

| | |
|--|---|
| Dam: Height <u>45 feet</u> Length <u>2600 feet</u> | Undeveloped capacity <u>12.6mw (dam) - 170,217mw theoretical</u> |
| Normal pool altitude <u>1805 feet</u> | Percent efficiency _____ |
| Reservoir area _____ | Annual generation _____ |
| Storage capacity <u>900,000 acre feet</u> | Plant factor _____ |
| Drainage area <u>1730 square miles</u> | Mean flow <u>2,400,000 cfs = 3310 cfs, min regulated = 2350 cfs</u> |
| Gross head <u>1805-1200' = 605', 24.7 mile diversion to RM 8.0</u> | Period of record _____ |

Remarks: See River Survey by Corps of Engineers in 1950.

See also correspondence to Giles of Feb. 3, 1964 with site description.

See "Water Resources Development by the Corps of Engineers", USACE, 1965, pg 34-35

Prepared by TK Date 10/78