

Site No. 19050002-72 ^{Tk}/_{1/19}

UNDEVELOPED HYDROELECTRIC SITE

State ALASKA County _____ Site METAL Creek (TK)
 Location T 16 N, R 5 E, Seward Meridian Stream METAL Creek trib. Glacier Fork Kikik.
 Planned by (date) _____
 Reference _____ Date _____
 Quadrangle coverage Anchorage (B-S), ALASKA
 Land: Public _____ Private _____ Use: P, I, FC, MI, R

WS alt <u>500 feet</u> Dam: Height <u>500 feet</u> Length <u>2000 feet</u>	Undeveloped capacity <u>29.542 mw - 31.559 mw theoretical</u>
Normal pool altitude <u>1000 feet</u>	Percent efficiency _____
Reservoir area <u>1151 acres</u>	Annual generation _____
Storage capacity <u>191,284 acre feet</u>	Plant factor _____
Drainage area <u>92.6 square miles, 5.73 cfs/sq mi²</u>	Mean flow <u>530.41 cfs = 384,017 ac ft/yr.</u>
Gross head <u>1000 - 300' = 700', 1.4-mile diversion</u>	Period of record <u>17 years, 1976, Gage 15281000, Ana Rodin</u> <u>Q50 = 525 cfs</u>

Remarks: May be combined w/ Glacier Fork (lower).

Prepared by TK Date 12/78