

Omit from inventory - dam too high.

Site No. 19050002-71 TK V79

### UNDEVELOPED HYDROELECTRIC SITE

State ALASKA County \_\_\_\_\_ Site Glacier Fork (Lower) (TK)

Location Section 35, T 16 N R 5E Seward Meridian Stream Glacier Fork Knik River

Planned by (date) \_\_\_\_\_

Reference \_\_\_\_\_ Date \_\_\_\_\_

Quadrangle coverage Anchorage (B-S) Alaska

Land: Public \_\_\_\_\_ Private \_\_\_\_\_ Use: P, I, FC, MI, R

<i>ws alt = 480</i>	Dam: Height <u>520 feet</u> Length <u>1400 feet.</u>	Undeveloped capacity <u>63.800mw - 85.885mw theoretical</u>
	Normal pool altitude <u>1000 feet.</u>	Percent efficiency _____
	Reservoir area <u>864 acres</u>	Annual generation _____
	Storage capacity <u>100,847 acre feet</u>	Plant factor _____
	Drainage area <u>252 square miles</u> <u>5.73 cfs/mi<sup>2</sup></u>	Mean flow <u>1443.45 cfs = 1,095,058 ac ft/yr.</u>
	Gross head <u>1000' - 300' = 700'; 1.15 mile diversion</u>	Period of record <u>17 years, 1976, Gage 15281000, Ana Rafia.</u>

Remarks: *May be combined w/ metal Creek.*

Prepared by TK Date 12/78

SRO 12/78