

TJK
4/79

Site No. 19050002-151

UNDEVELOPED HYDROELECTRIC SITE

State Alaska County _____ Site TRAPPER (USGS)

Location Sec. 30, T29N, R2E, Seward Meridian Stream TAKKEETNA River

Planned by (date) USGS?

Reference PSC 406 Alaska Special Maps No 26 Date 1990

Quadrangle coverage TAKKEETNA Mtns (C-5) Alaska

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

45 mw installed

<u>ws alt = 410</u>	Dam: Height <u>290 feet</u> Length <u>3100 feet</u>	Undeveloped capacity <u>37.764 mw theoretical</u>
	Normal pool altitude <u>1700 feet</u>	Percent efficiency _____
	Reservoir area <u>6106.32 acres</u>	Annual generation <u>216,000,000 kWh</u>
	Storage capacity <u>689,274 acre feet</u>	Plant factor _____
	Drainage area <u>752.2 square miles</u> <u>760 square miles</u>	Mean flow <u>1,104,275 cfs/yr</u> <u>1,140,000 acre feet</u> <u>1574.59 cfs</u>
	Gross head <u>245 average</u>	Period of record <u>11 yrs (1975) gage 1522700, ama ratio</u>

Remarks: APAdmms list of 252 Sites, 1977.
2/USGS calculations

Prepared by TJK Date 8/78