

Tk.
1/79

Site No. 19050002-141

UNDEVELOPED HYDROELECTRIC SITE

State ALASKA County _____ Site 0410

Location Section 28, T22S, R 11W, Fairbanks Meridian Stream CHULITNA

Planned by (date) _____

Reference AP Admins list of 252 sites Date 1977

Quadrangle coverage TALKEETNA WITH (D-6) ALASKA

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

30 mw installed.

W8 A12 1250? Dam: Height <u>250'</u> Length <u>1000'</u>	Undeveloped capacity <u>58.351 mw theoretical</u>
Normal pool altitude <u>1500 feet</u>	Percent efficiency _____
Reservoir area _____	Annual generation <u>144,000,000 kWh</u>
Storage capacity _____	Plant factor _____
Drainage area <u>806.7 square miles</u> <u>916 square miles</u>	Mean flow <u>2745.92 cfs = 1,988,045 acft/yr</u> <u>2,220,000 acre feet</u> <u>306.3 cfs</u>
Gross head <u>224 Average</u>	Period of record <u>14 yrs (1975) gage 15292400 area ratio</u>

Remarks: USGS Calculations

Prepared by Tk Date 12/78
8/78