

Site No. 19050002-147 TK
1/79

UNDEVELOPED HYDROELECTRIC SITE

State ALASKA County _____ Site TOKICHITNA

Location Sec 32-33, T29N, R5W Seward Meridian Stream CHUKITNA

Planned by (date) USBR?

Reference Maps/Plans Date _____

Quadrangle coverage TALKEETNA (C-1) Alaska

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

184 new Installed

<i>ws alt = 500'</i> Dam: Height <u>225 feet</u> Length _____	Undeveloped capacity <u>167.051 MW theoretical</u>
Normal pool altitude <u>725 feet</u>	Percent efficiency _____
Reservoir area _____	Annual generation <u>806,000,000 kWh</u>
Storage capacity _____	Plant factor _____
Drainage area <u>2520.31</u> <u>2560 square miles</u> ¹ <u>3.70 cfs/mi²</u>	Mean flow <u>8572.81 cfs = 6,210,031 gpm/yr</u> <u>6200,000 acre feet</u> ² <u>8563.53 cfs</u>
Gross head _____	Period of record <u>14 yrs (1975) range 15292400 area rated</u>

Remarks:
1 AP Admin List of 252 sites, 1977
2 USGS calculations

Prepared by TK Date 12/78
7/78