

Site No. 19050002-123 TK  
479

## UNDEVELOPED HYDROELECTRIC SITE

State ALASKA County \_\_\_\_\_ Site SITNALocation Section line 12 & 13, T31N, R2E Seward Meridian Stream SUSITNA RiverPlanned by (date) USGS 1950Reference TALKKEETNA Mtus (1:250,000) ALASKA LLB-1950 Date \_\_\_\_\_Quadrangle coverage TALKKEETNA Mtus (D-4) ALASKA

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

<u>WS alt = 1220 feet</u>	Undeveloped capacity <u>190 MW at site</u>
Dam: Height <u>280 feet</u> Length <u>1300 feet</u>	Percent efficiency _____
Normal pool altitude <u>1500 feet</u>	Annual generation _____
Reservoir area _____	Plant factor _____
Storage capacity _____	Mean flow <u>8000 cfs (Est)</u>
Drainage area _____	Period of record _____
Gross head <u>1500 - 1220 = 280 feet</u>	<u><math>Q_{50} = 8000 / 2.81 = 2850 \text{ cfs}</math></u>

Remarks: Called Site D by initial studies by Kaiser Co. See "Reassessment Report on Upper Susitna River Hydroelectric Development for the State of Alaska"; Henry S. Kaiser Company, September 1974, pg III-1.

 Prepared by TK Date 7/78  
SRO 12/78