

Site No. 19050002-154TK  
1/79

## UNDEVELOPED HYDROELECTRIC SITE

State ALASKA County \_\_\_\_\_ Site GREENSTONELocation Sections 16421, T28N, R1E Stream TALKEETNA

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

Reference AP Admins List of 252 Sites Date 1977Quadrangle coverage TALKEETNA Mtn (C-5) ALASKA

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

51mw installed

WS alt = 1200'	Dam: Height <u>400 feet</u> Length <u>2700'</u>	Undeveloped capacity <u>56.622mw theoretical</u>
	Normal pool altitude <u>1600 feet</u>	Percent efficiency _____
	Reservoir area <u>8491.28 acres</u>	Annual generation <u>246,000,000 Kwh</u>
	Storage capacity <u>779,229 ac ft.</u>	Plant factor _____
	Drainage area <u>817.6 square miles</u> <u>790 square miles</u>	Mean flow <u>1665.34cfs = 1,205,703 ac ft/yr</u> <u>1,150,000 ac ft</u> 1588.40cfs
	Gross head <u>304' average</u>	Period of record <u>11yrs (1975) page 15292700, area ratio</u>

Remarks: USGS CalculationsPrepared by TK Date 12/78  
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