

tk  
8/79  
Site No. 17050002-39

## UNDEVELOPED HYDROELECTRIC SITE

State Alaska County \_\_\_\_\_ Site Lower Kenai  
Location Section 32 & 33, T5N, R9W Seward Meridian Stream Kenai River  
Planned by (date) \_\_\_\_\_  
Reference APA Admin. List of 252 sites Date \_\_\_\_\_  
Quadrangle coverage Kenai (B-3) Alaska  
Land: Public \_\_\_\_\_ Private \_\_\_\_\_ Use: P, I, FC, MI, R

<u>WS alt = 100'</u> Dam: Height <u>60 feet</u> Length _____	Undeveloped capacity <u>42.91 mw theoretical</u> <u>55 mw installed</u>
Normal pool altitude <u>160 feet</u>	Percent efficiency _____
Reservoir area _____	Annual generation <u>263,000,000 Kwh</u>
Storage capacity _____	Plant factor _____
Drainage area <u>1650 square miles</u>	Mean flow <u>4,300,000 ac-ft or 5939.23 cfs</u>
Gross head <u>160 feet - 75 feet = 85 feet, 2 1/2 mile diversion</u> <u>6 miles to coast.</u>	Period of record _____

Remarks:

Prepared by TJK Date 8/78