

Site No. 170500 02-10 <sup>4/11/78</sup>

### UNDEVELOPED HYDROELECTRIC SITE

State Alaska County \_\_\_\_\_ Site Bradley Lake

Location Section 8, T 5 South, R 9 West Seward Meridian Stream Bradley

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

Reference Bradley Lake Hydroelectric Power Project USCE Date March 1955

Quadrangle coverage \_\_\_\_\_

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

<small>least 1090'</small> Dam: Height <u>105 feet</u> Length _____	Undeveloped capacity _____
Normal pool altitude <u>1195'</u>	Percent efficiency _____
Reservoir area _____	Annual generation _____
Storage capacity <u>320,000 acre feet between 1100-1205'</u>	Plant factor _____
Drainage area <u>54.0 square miles</u>	Mean flow <u>408 cfs = 296,392 ac.ft/year</u>
Gross head _____	Period of record <u>19 yrs, Gage 15239000, 1976</u>

*2.2 mile tunnel @ 0.85 mile to surge tank  
4000' penstock to mouth Ball's Run*

Remarks:

Prepared by TJC Date 10/78