

④ 5

32

Site No. 19 04 00 02-

## UNDEVELOPED HYDROELECTRIC SITE

State ALASKA County \_\_\_\_\_ Site ALAGNAK RiverLocation N 44 Section 15, T. 13 S., R. 39 W., Seward Meridian Stream ALAGNAK River Kvichak

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

Reference / Inventory of Potential Hydroelectric Sites in ALASKA, APA (Inventory) Date 1976Quadrangle coverage ILIAMNA, ALASKA (1° x 3°); ILIAMNA (A-2), ALASKALand: Public \_\_\_\_\_ Private \_\_\_\_\_ Use:  I, FC, MI, R

WS ALT = 585 ft $\downarrow$	Undeveloped capacity <u>17.53/mw-18.062 mw (T); 10 mw <math>\downarrow</math> <math>\downarrow</math></u>
Dam: Height <u>165 ft <math>\downarrow</math>; 150 ft <math>\downarrow</math></u> Length _____	Percent efficiency _____
Normal pool altitude <u>750 ft <math>\downarrow</math>; 775 ft (max) <math>\downarrow</math></u>	Annual generation _____
Reservoir area <u>106.5 acres <math>\downarrow</math></u>	Plant factor _____
Storage capacity <u>71,263 ac-ft <math>\downarrow</math></u>	Mean flow <u>1250 ft<sup>3</sup>/sec <math>\downarrow</math>; 437 ft<sup>3</sup>/sec (regulated) <math>\downarrow</math>; 960,000 ac-ft <math>\downarrow</math></u>
Drainage area <u>502.76 sq mi <math>\downarrow</math></u>	Period of record _____
Gross head <u>170 ft <math>\downarrow</math></u>	

Remarks: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_Prepared by TJK Date 4/80

OVER

-/ "Preliminary Estimates - Hydropower Sites in ALASKA"; USCE, June 7, 1979 (Inventory)

-/ "Bristol Bay Energy & Electric Power Potential - Phase I"; Retherford Associates, Dec 1979, pgs 8-366