

Site No. 19050002-68 ^{TK} _{Y7}

UNDEVELOPED HYDROELECTRIC SITE

State ALASKA County _____ Site Unnamed
 Location Section 24, T 15 N, R 3 E, Seward Merididian Stream TR/Bulany Hunter Creek trip Knik River
 Planned by (date) USGS (1978)
 Reference TK Date 1978
 Quadrangle coverage Anchorage (B-5) Alaska
 Land: Public BLM Private _____ Use: P, I, FC, MI, R

^{WS alt = 1250'} Dam: Height <u>250 feet</u> Length <u>1250 feet</u>	^{Q₅₀} (at dam) = <u>1.6 MW</u> Undeveloped capacity <u>with div = 6.7 MW</u>
Normal pool altitude <u>1500 feet</u>	Percent efficiency _____
Reservoir area <u>285 acres</u>	Annual generation _____
Storage capacity <u>19,000 acre feet</u>	Plant factor _____
Drainage area <u>26.2 square miles</u>	Mean flow <u>150 cfs, = 108,600 ac ft/yr</u>
Gross head <u>1500' - 500' = 1000'; 2.6 mile diversion</u>	Period of record <u>17 yrs (1976) gage 15281000 Knik River area ratio.</u>

Remarks: Q₅₀ = 150/2 = 75 (est.)

Prepared by TK Date 12/78