

TK/1/79

Site No. 19050002-74

UNDEVELOPED HYDROELECTRIC SITE

State ALASKA County _____ Site MEEKINSLocation Section 27 (E $\frac{1}{2}$ S $\frac{1}{2}$), T20N, R10E Seward Meridian Stream MATANUSKAPlanned by (date) USGS-1952Reference Anchorage (D-2) Alaska L&B-1952 Date 1952Quadrangle coverage Anchorage (D-2) Alaska

Land: Public _____ Private _____ Use: P, I, FC, MI, R

<u>wsalt = 1830</u> Dam: Height <u>270 feet</u> Length <u>700 feet</u>	Undeveloped capacity <u>10.047mw - 12.654 mw theoretical</u>
Normal pool altitude <u>2100 feet</u>	Percent efficiency _____
Reservoir area <u>1233.6 acres</u>	Annual generation _____
Storage capacity <u>145,154 acre feet</u>	Plant factor _____
Drainage area <u>235 square miles</u> <u>1.86 cfs/mi²</u>	Mean flow <u>437.87 cfs = 317,019 ac ft/yr.</u>
Gross head <u>2100 - 1760 = 340</u>	Period of record <u>24 yrs, gage 15284000, 1975, ana ratio</u>

Remarks: looks like it could be enlarged.Prepared by TK Date 8/78