

TK
1/79
Site No. 19050002-165

UNDEVELOPED HYDROELECTRIC SITE

State ALASKA County _____ Site Sheep River (alternative)Location Sec 12, T26N R 2W, Seward Stream Sheep River

Planned by (date) _____

Reference PSC 409 ALASKA Special Map No 26 Date 1990Quadrangle coverage TAKKERTWA NTW (R-6) ALASKA

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

<u>W salt = 595'</u> Dam: Height <u>405 feet</u> Length <u>2600 feet</u>	Undeveloped capacity <u>27.192 mw theoretical</u>
Normal pool altitude <u>1000 feet</u>	Percent efficiency _____
Reservoir area <u>5828.76 acres</u>	Annual generation _____
Storage capacity <u>855,373 acre feet</u>	Plant factor _____
Drainage area <u>387.79 square miles</u> <u>2.037 cfs/mi²</u>	Mean flow <u>789.89 cfs = 571,877 ac ft/yr</u>
Gross head _____	Period of record <u>11 yrs (1975) gage 15292700, area ratio</u>

Remarks:

Prepared by TK Date 12/78
8/78