

Site No. 19050003-

## UNDEVELOPED HYDROELECTRIC SITE

State ALASKA County \_\_\_\_\_ Site PARADISE (JBD)Location SW 1/4 Section 11, T.1N., R.2W., Seward Meridian Stream \_\_\_\_\_

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

Reference <sup>2/</sup>"ALASKA, A Reconnaissance Report..." Bureau of Reclamation, pg 161 Date Revised Feb. 1950Quadrangle coverage Seward, ALASKA (Recon.); <sup>1/</sup>SEWARD (A-7), ALASKALand: Public 5040 Acres <sup>3/</sup> Private \_\_\_\_\_ Use: (P), I, FC, MI, R

U.S. ALT = <u>275 feet <sup>1/</sup></u>	Undeveloped capacity <u>21.994 mw - 39.7 mw (diversion) (T)</u>
Dam: Height <u>225 feet <sup>3/</sup></u> Length <u>2100 feet <sup>3/</sup></u>	Percent efficiency _____
Normal pool altitude <u>500 feet <sup>3/</sup></u>	Annual generation _____
Reservoir area <u>4930 acres <sup>1/</sup></u>	Plant factor _____
Storage capacity <u>537,725 acre-feet <sup>1/</sup></u>	Mean flow <u>1,150 ft<sup>3</sup>/sec (832,600 ac ft/yr)</u>
Drainage area <u>154.56 square miles <sup>1/</sup></u>	Period of record <u>10/65 - 9/67, gage 152383000, DA = 169 mi<sup>2</sup></u>
Gross head <u>500' - 100' = 400', 1/2 mile diversion <sup>3/</sup></u>	

Remarks: <sup>1/</sup> Original Calculations IN STREAM FILE.<sup>2/</sup> "Geologic conditions suggest deep, pervious overburden in the Valley floor" <sup>3/</sup><sup>3/</sup> Power Site Classification 403, March 29, 1950.<sup>4/</sup> "Interim Report No 3, Copper River and Gulf Coast, ALASKA, USACE, Oct. 30, 1950, pg 97<sup>5/</sup> "Water Resources Development by the USACE in ALASKA", 1963, pg 34.<sup>6/</sup> AA-12408, R/w, EPR issued June 28, 1977, "no objection".Prepared by TJK Date 11/79