

Site No. 19050002-30

UNDEVELOPED HYDROELECTRIC SITE

State Alaska County _____ Site Kenai LakeLocation Seward Meridian, T.5N., R.3W., Sec. 28 Stream Kenai River

Planned by (date) _____

Reference See FPP 119 Date _____Quadrangle coverage Kenai (B-1) and Seward (B-8) 1:63,360

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

Dam: Height <u>442'</u> Length <u>700' (approx)</u>	Undeveloped capacity <u>54.9⁵ mw</u>
Normal pool altitude <u>436 ft</u>	Percent efficiency <u>100%</u>
Reservoir area <u>2.13 mi²</u>	Annual generation _____
Storage capacity _____	Plant factor _____
Drainage area <u>634 mi²</u>	Mean flow <u>2,680 cfs (1,940,000 ac-ft/yr)</u>
Gross head <u>241 ft (to Skilok Lake)</u>	Period of record <u>May 1947 to Sep 1976</u>

Remarks: Power value is the maximum possible without inundating developments on lakeshore. Development of this site would surely interfere with other proposed developments downstream.

Prepared by MJS Date Aug 78
SRO 1178