

Site No. 19050002-27 TX 1/11

## UNDEVELOPED HYDROELECTRIC SITE

State Alaska County \_\_\_\_\_ Site Grant Lake  
 Location Seward Meridian, T.4N., R.1E., Sec.6 Stream Grant Creek  
 Planned by (date) \_\_\_\_\_  
 Reference U.S.G.S. Open File Rept. - See Below Date June 1955  
 Quadrangle coverage Seward 1:250,000, Seward (B-6) & (B7) 1:63,360  
 Land: Public P Private \_\_\_\_\_ Use: P, I, FC, MI, R

Dam: Height <u>50 ft</u> Length <u>600 ft</u> <u>+ dike</u>	Undeveloped capacity <u>4400 Kw or 4.4mw</u>
Normal pool altitude <u>745 ft</u>	Percent efficiency <u>100%</u>
Reservoir area <u>1813 acres</u>	Annual generation _____
Storage capacity <u>76,100 acre-ft</u>	Plant factor <u>3</u>
Drainage area <u>43.5 mi<sup>2</sup></u>	Mean flow <u>190 cfs (139,700 ac-ft/yr)</u>
Gross head <u>273 ft</u>	Period of record <u>1947 - 1954 8</u>

## Remarks:

Whse located: T.4N., R.1E., Sec.6

Reference: The Potential Waterpower of Grant, PTARMIGAN, Cooper and Crescent Lakes on the Kenai Peninsula Near Seward, Alaska by Author Johnson

See also: FPP 2262 + 2129

Prepared by MJS. Date Aug 78