

Omit from inventory - see below

Site No. 19050002-66 <sup>TK</sup> <sub>479</sub>

### UNDEVELOPED HYDROELECTRIC SITE

State ALASKA County \_\_\_\_\_ Site Peters Creek Diversion

Location Section 24, T15N, R1W, Seward Meridian Stream Peters Creek

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

Reference Review of Waterpower Withdrawals PSR 674, PSC 107 & PSC 399, F.A. Johnson Date February 1959

Quadrangle coverage Anchorage (B-7) Alaska

Land: Public \_\_\_\_\_ Private \_\_\_\_\_ Use: P, I, FC, MI, R

Dam: Height <u>Diversion</u> Length _____	Undeveloped capacity <u>5.44 mw theoretical</u>
Normal pool altitude <u>1100 feet</u>	Percent efficiency _____
Reservoir area _____	Annual generation _____
Storage capacity _____	Plant factor _____
Drainage area <u>70 square miles</u>	Mean flow <u>Q<sub>50</sub> = 80 cfs Q<sub>90</sub> = 20 cfs</u>
Gross head <u>1100' - 300' = 800', 3.5 mile diversion</u>	Period of record <u>1952 (2 measurements)</u>

Remarks: This doesn't seem feasible. Flow is low and diversion probably would not operate in winter. Flow during winter is probably near zero. Plant would probably operate only 4 months during a year.

Prepared by TK Date 8/78

SRW 1/78