

Site No. 19050002-

UNDEVELOPED HYDROELECTRIC SITE

State ALASKA County _____ Site Snow River
 Location SW 1/4 Sec. 3, T2N., R1E., Seward Meridian Stream Snow R. trib Kenai R.
 Planned by (date) _____
 Reference ^{2/} Preliminary report on waterpower resources Snow River..., USGS, Fairbanks Date Feb. 1961.
 Quadrangle coverage Seward, ALASKA (Recon); SEWARD (B-7), ALASKA; Plan, Profile, Dam site, Snow River, ALASKA
 Land: Public 9,977 acres ^{1/} Private -0- Use: (P), I, FC, MI, R

W.S. alt = <u>965 ft. ^{2/} pg 30</u>	Undeveloped capacity <u>12-47.6 mw (T)</u>
Dam: Height <u>335 feet</u> Length <u>1000 ft ^{2/} pg 30</u>	Percent efficiency _____
Normal pool altitude <u>1300 ft ^{2/} pg 30. 1250 ^{2/}</u>	Annual generation _____
Reservoir area <u>5700 acres ^{2/} pg 32.</u>	Plant factor _____
Storage capacity <u>605,410 ac-ft ^{1/} 1960.</u>	Mean flow <u>700 ft³/sec (504,000 ac-ft/yr) ^{2/} pg 33 535,000 ^{2/}</u>
Drainage area <u>104.5 square miles ^{1/} 1969 ^{2/} pg 33 85 ^{2/}</u>	Period of record <u>1948-1959 (synthesized) ^{2/} pg 15-19</u>
Gross head <u>1300'-500' = 800', 2.3 mile diversion 653' ^{2/}</u>	

Remarks: ^{1/} Original calculations in stream files.

^{2/} "Geologic investigations of power sites on ... Snow ...," USGS, K.S. Seward, June 1958.

^{4/} "Interim Report No 2, ..." House Doc 455, 87 con., 2nd Sess., USACE, pg 24-25.

^{5/} "Mineral & Water Resources of Alaska" USGS & STATE of Alaska, 1964, pg 172.

^{8/} "Planning Status Report" FPC, 1967, pg 21

^{7/} "Alaska Natural Resources ..." Dept of Interior, 1967, TABLE 23.

^{3/} "Alaska Power Survey" FPC, 1969, pg 56-57

(over)

Prepared by TK Date 10/78

9) Inventory of Potential Hydroelectric Sites in Alaska" A.P.A. memo, approx. 1976

10) "The 1976 Alaska Power Survey" FPC, pg 0-2