

Site No. 19050002-117 TK
1/79

UNDEVELOPED HYDROELECTRIC SITE

State ALASKA County _____ Site WATANA (USCE) (Bar of Riv.) 2.11 No!
Location (River Mile 178.8) Sec. 28 T32N, R6E Seward Meridian Stream Susitna River
Planned by (date) USCE (1950)
Reference "Cook Inlet & Tributaries, Alaska" 85th Congress, 1st Session, House Doc. 34 Date 1957
Quadrangle coverage TALKEETNA Mountains (D-3), Alaska
Land: Public _____ Private _____ Use: P, I, FC, MI, R

<u>WS el = 1,650 ft.</u> Dam: Height <u>340 ft.</u> Length _____	Undeveloped capacity <u>251.478 mw theoretical</u> <u>185.0 mw w/storage</u>
Normal pool altitude <u>1970 ft.</u>	Percent efficiency _____
Reservoir area _____	Annual generation _____
Storage capacity <u>1,254,000 acre feet total, 400,000 usable</u>	Plant factor _____
Drainage area <u>5010 square miles</u>	Mean flow <u>6,300,000 acre feet</u> <u>8,701.66 cfs</u>
Gross head _____	Period of record _____

Remarks: 2.7 miles downstream from Watana Creek

1/ See "Interim Report No 2, Cook Inlet & TRIBS," 87th Congress, 2nd Session, House Doc. 455, June 25, 1962 pg 32.
New location to

Prepared by TK Date 7/78