

Site No. 19050002-120 TK
477

UNDEVELOPED HYDROELECTRIC SITE

State ALASKA County _____ Site WATANA
 Location Sec. 33, T32N, R5E Seward Meridian Stream Susitna
 Planned by (date) Bureau of Reclamation
 Reference Alaska Natural Resources & Rampart Project Dept of Interior Date June 1, 1967
 Quadrangle coverage TAAKEETWA Mountains (D-4) ALASKA
 Land: Public _____ Private _____ Use: P, I, FC, MI, R

<p><small>WS 21 = 1970</small> Dam: Height <u>435'</u> Length _____ <small>435-530 range 425 ft average</small> Normal pool altitude <u>1905 feet max regulated w.s. 1/</u> Reservoir area _____ Storage capacity <u>1960,000 ac ft average</u> Drainage area <u>5180 square miles</u> Gross head _____</p>	<p>Undeveloped capacity <u>308.465 mw theoretical 478 mw installed at 50% load factor</u> Percent efficiency _____ Annual generation <u>7,000,000,000 Kwh^{2/}</u> Plant factor _____ Mean flow <u>8342.44 cfs — 6,040,000 ac ft w system</u> Period of record _____</p>
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Remarks:

- 1) Alaska Power Survey " FPC 11969 pg 57
- 2) APH's list of 252 sites, 1977

Prepared by TK Date 7/78