

Site No. 19050002-124 TK  
1/79

## UNDEVELOPED HYDROELECTRIC SITE

State ALASKA County \_\_\_\_\_ Site SUSITNA I  
 Location Section 1, T31N, R1E Seward Meridian Stream Susitna River  
 Planned by (date) HEWRY J. KAISER Company  
 Reference Reassessment Report on Upper Susitna River Hydroelectric Development Date Sept. 1974  
 Quadrangle coverage TALKEETNA Mountains (D-5) ALASKA  
 Land: Public \_\_\_\_\_ Private \_\_\_\_\_ Use: P, I, FC, MI, R

<p><small>width 1010'</small>          Dam: Height <u>765 feet</u> Length <u>3000 ft.</u></p> <p>Normal pool altitude <u>1775 feet</u></p> <p>Reservoir area <u>~22,000 acres</u></p> <p>Storage capacity <u>5,670,000 acre feet</u></p> <p>Drainage area _____</p> <p>Gross head <u>765' at site</u></p>	<p style="text-align: right;"><small>596.272 mw theoretical 700 mw installed</small></p> <p>Undeveloped capacity <u>385 mw at 55% load factor</u></p> <p>Percent efficiency _____</p> <p>Annual generation <u>3,372,000,000 Kwh.</u></p> <p>Plant factor _____</p> <p>Mean flow <u>6,637,000 acre feet 9169.9 cfs</u></p> <p>Period of record <u>23 yrs</u></p>
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Remarks:

Prepared by TK Date 7/78