

Site No. 19050002-175 TK  
1/79

## UNDEVELOPED HYDROELECTRIC SITE

State Alaska County \_\_\_\_\_ Site Emerald

Location Sections 33-34, T20N, R 17W Seward Meridian Stream Skwentna River

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

Reference AP Admin's list of 252 sites Date 1977

Quadrangle coverage Tyonek (D-8) Alaska

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

<p><i>ws alt = 1500</i>                  Dam: Height <u>400 feet</u> Length <u>3400 feet</u></p> <p>Normal pool altitude <u>1900 feet</u></p> <p>Reservoir area _____</p> <p>Storage capacity _____</p> <p>Drainage area <u>370 square miles</u></p> <p>Gross head _____</p>	<p>Undeveloped capacity <u>37.099 mw theoretical</u> <u>37 mw installed</u></p> <p>Percent efficiency _____</p> <p>Annual generation <u>177,000,000 Kwh</u></p> <p>Plant factor _____</p> <p>Mean flow <u>790,000 acre feet</u> <u>1091.16 cfs</u></p> <p>Period of record _____</p>
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Remarks:

Prepared by TK Date 8/78

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