

WATERPOWER OF THE UNITED STATES (Stator)

State Alaska Stream Kenai River Site Suprise Creek

County _____	Owner _____
Mer. _____ T. _____ R. _____ Sec. _____	Constructed _____
Lat. _____ ° ' " Long. _____ ° ' "	Storage _____ af _____ m <sup>3</sup>
Miles above mouth _____	Installed capacity _____ mw
Drainage Area <u>850-277</u> sq.mi. _____ sq. km	Installable capacity _____ mw
<u>845</u> <u>180</u>	

FLOW			ELEVATIONS				HEAD		THEORETICAL POWER mw-100% Eff.	ESTIMATED AVERAGE ANNUAL GENERATION mwh
Percent duration	cfs	m <sup>3</sup> /sec	Forebay		Tailrace		Gross			
			ft.	m	ft.	m	ft.	m		
95			440		270		170			
50										
mean	3140 <u>277</u>							45.37		

Remarks:

440

$$\begin{array}{r} 276 \\ 170 \\ \hline 446 \end{array}$$