

Form 9-1503
(Feb. 1962)

U.S. DEPARTMENT OF INTERIOR
GEOLOGICAL SURVEY

213
Busin Index 14-KB

WATERPOWER OF THE UNITED STATES

State Alaska Stream Kenai River Site Stelter

County _____	Owner _____
Mer. _____ T. _____ R. _____ Sec. _____	Constructed _____
Lat. <u>60</u> ° <u>28</u> ' _____ " Long. <u>150</u> ° <u>08</u> ' _____ "	Storage <u>1,120,000</u> af of <u>1,381,508,800</u> m ³
Miles above mouth _____	Installed capacity _____ mw
Drainage Area <u>848</u> sq. mi. <u>2,196,32</u> sq. km	Installable capacity _____ mw

FLOW			ELEVATIONS				HEAD		THEORETICAL POWER mw-100% Eff.	ESTIMATED AVERAGE ANNUAL GENERATION mwh
Percent duration	cfs	m ³ /sec	Forebay		Tailrace		Gross			
			ft.	m	ft.	m	ft.	m		
95	370	10.5	440	134.1	182	55.5	258	78.6	8.11	
50	2200	63.3							48.25	
mean	3700	105.1							81.14	567,980

Remarks: Kenai B-1 quadrangle

Prepared by G.C.G. Date _____