

Form 9-1503
(Feb. 1962)

U.S. DEPARTMENT OF INTERIOR
GEOLOGICAL SURVEY

Site No 19050003-81

1173-226 ✓
Basin Index 14 K C

WATERPOWER OF THE UNITED STATES

State <u>Alaska</u>	Stream <u>Power Creek</u>	Site <u>Power Creek</u>	2592
County _____	Owner _____		
Mer. <u>Cordova River</u> T. <u>15 S</u> R. <u>2 W</u> Sec. <u>4</u>	Constructed _____		
Lat. <u>60</u> ° <u>35</u> ' <u>10</u> " Long. <u>145</u> ° <u>37</u> ' <u>30</u> "	Storage <u>104,000</u> af <u>128,282,960</u> m ³		
Miles above mouth _____	Installed capacity _____ mw		
Drainage Area <u>19.2</u> sq.mi. <u>49.73</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	17	0.5	580	176.8	10	3.1	570	173.7	0.82	
50	155	4.4							7.51	
mean	240 ²³¹ ₍₁₉₇₇₎	6.8							11.63 ^(11.2)	81,410

Remarks:

Cordova C-5

Also See FPP 2760

FPP, 164, 162, 2178, 2305, 2656.

(over)

Prepared by GCG Date _____

- "a Water Power Reconnaissance in So Central Alaska" USGS, WSP 372, 1915, pg 69-70
- "Alaska, A Reconnaissance Report...." Bur of Rec, 1949, pg 160-161.
- "Interim Report No 3, Copper River & Gulf Coast" USCE, 1950, pg 102-104.
- "Water Resources Development by the Corps of Engineers in Alaska" USACE, 1965, pg 34-35
- "Planning Status Report" FPC, 1967
- AP Admins list of 252 sites, 1977.