

Form 9-1503
(Feb. 1962)

U.S. DEPARTMENT OF INTERIOR
GEOLOGICAL SURVEY

Site No 1905 00 03-74 th 236 _{1/19}
Basin Index 14 LE

WATERPOWER OF THE UNITED STATES

State <u>Alaska</u>	Stream <u>Copper River</u>	Site <u>Peninsula</u>	2592
County _____		Owner _____	
Mer. <u>UTM 26</u> T. <u>95</u> R. <u>3E</u> Sec. <u>25-26</u>		Constructed _____	
Lat. <u>61° 03' 30"</u> Long. <u>144° 47' 30"</u>		Storage <u>300,000</u> of <u>370,047,000</u> m ³	
Miles above mouth _____		Installed capacity _____ mw	
Drainage Area <u>22,000</u> sq.mi. <u>56,980.</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	2880	81.6	420	128.0	255	77.7	165	50.3	40.39	
50	15160	429.3							212.62	
mean	41250	1168.1							578.53	4,049,710

Remarks:

Valdez A-3

- See "Alaska, A Reconnaissance Report..." Bur of Rec, 1949, pg 160. PSC 403
- See "Division Report No 3, Copper River & Gulf Coast" USCE, 1950, pg 116
- "Mineral & Water Resources of Alaska" USGS - State of Alaska, 1964, pg 172.
- "Water Resources Development by the Corps of Engineers in Alaska" 1965, pg 34-35
- "Planning Status Report" FPC, 1967