

Form 9-1503
(Feb. 1962)

U.S. DEPARTMENT OF INTERIOR
GEOLOGICAL SURVEY

19030003

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WATERPOWER OF THE UNITED STATES

State	Alaska	Stream	Yukon River	Site	Kaltag	2592
County				Owner		
Mer.	T.	R.	Sec.	Constructed		
Lat. 64 ° 14 ' "	Long. 158 ° 39 ' "			Storage	35,000,000 af	43,172,150,000 m ³
Miles above mouth				Installed capacity	mw	
Drainage Area	296,000 sq.mi.	766,640.0 sq. km			Installable capacity	mw

FLOW			ELEVATIONS				HEAD		THEORETICAL POWER mw-100 % Eff.	ESTIMATED AVERAGE ANNUAL GENERATION mwh
Percent duration	cfs	m³/sec	Forebay		Tailrace		Gross			
			ft.	m	ft.	m	ft.	m		
95	26,940	762.9	235	71.6	95	29.0	140	42.7	320.59	
50	87,000	2463.6							1035.30	
mean	191,800	5431.2							2282.42	15,976,940

Remarks: Pool level of 235 feet would encroach 15 feet on the tailwater of Rampart site.

Total storage = 241,000,000 acre-feet

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Prepared by GCG Date

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WATERPOWER OF THE UNITED STATES

State Alaska

Stream Yukon River

Site Kaltag

2592

County _____	Owner _____
Mer. _____ T. _____ R. _____ Sec. _____	Constructed _____
Lat. <u>64</u> ° <u>14</u> ' " Long. <u>158</u> ° <u>39</u> ' "	Storage <u>35,000,000</u> of <u>43,172,150,000</u> m ³ ✓
Miles above mouth <u>766,640.0</u>	Installed capacity _____ mw
Drainage Area <u>296,000</u> sq. mi. <u>873,200.0</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	26,940	762.9	235	71.6	95	29.0	140	42.7	320,586	320.59
50	87,000	2463.6							1035,300	
mean	191,800	5431.2							2282,420	15 976 940

Remarks: Pool level of 235 feet would encroach 15 feet on the tailwater
of Rampart site.
Total storage = 241,000,000 ac-ft

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