

Form 9-1503
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U.S. DEPARTMENT OF INTERIOR
GEOLOGICAL SURVEY

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Busin Index 14-CF

WATERPOWER OF THE UNITED STATES

State Alaska

Stream Chatanika River

Site Chovel Creek

County _____

Mer. _____ T. _____ R. _____ Sec. _____

Lat. 65 ° 02 ' " Long. 148 ° 27 ' "

Miles above mouth _____

Drainage Area 726 sq. mi. 1880.3 sq. km

Owner _____

Constructed _____

Storage 170,000 af 209,693,300 m³

Installed capacity _____ mwh

Installable capacity _____ mwh

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	52	1.5	545	166.1	405	123.4	140	42.7	0.62	
50	300	8.5							3.57	
mean	680	19.3							8.09	56,630

Remarks:

Total storage 973,600 acre-feet

Livengood A-3 quadrangle

Prepared by G.C.G. Date _____