

Form 9-1503
(Feb. 1962)

U.S. DEPARTMENT OF INTERIOR
GEOLOGICAL SURVEY

Site No 19050002-10 *217*
Basin Index 14 KB

WATERPOWER OF THE UNITED STATES

State <u>Alaska</u>	Stream <u>Bradley Lake</u>	River	Site <u>Bradley Lake</u>	2592
County _____			Owner _____	
Mer. _____ T. _____ R. _____ Sec. _____			Constructed _____	
Lat. <u>59</u> ° <u>45</u> ' " Long. <u>150</u> ° <u>57</u> ' "			Storage <u>171,000</u> af <u>210,926,790</u> m ³	
Miles above mouth <u>9.8</u>			Installed capacity _____ mw	
Drainage Area <u>54</u> sq.mi. <u>139.86</u> 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	0.7	1194	363.9	74	22.6	1120	341.4	2.48	
50	248	7.0							23.61	
mean	421	11.9							40.08	280,560

Remarks: **Discharge includes 10 sq. miles of diversion from ?**
Total drainage area - 64 sq. mi.

Seldovia D-3

1968 Alaska Power Administration No. 50

Prepared by GCG Date _____

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Basin Index _____

WATERPOWER OF THE UNITED STATES

State Alaska

Stream Bradley Lake * River

Site Kachemak Bay

County _____

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

Lat. 59° 45' " Long. 150° 51' "

Miles above mouth _____

Drainage Area 54 sq. mi. 139.86 sq. km

Owner _____

Constructed _____

Storage 171,000 af 210,926,790 m³

Installed capacity _____ mw

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	1.7	1194	363.9	74	22.6	1120	341.4	2,475.48	
50	248	7.0							23,610	
mean	421	11.9							40,079.08	280,553.

Remarks:

Discharge includes 10 sq mi 7 divisions
total drainage area 64 sq mi

280,560

Prepared by _____ Date _____

Seldovia D-3