

Form 9-1503
(Feb. 1962)

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U.S. DEPARTMENT OF INTERIOR
GEOLOGICAL SURVEY

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Basin Index 13 AE
DD

WATERPOWER OF THE UNITED STATES

State Alaska Stream Bear Creek Site Bear Creek 2592

County <u>First Judicial Division</u>				Owner _____			
Mer. _____	T. _____	R. _____	Sec. _____	Constructed _____			
Lat. <u>58 ° 04.5 ' "</u>		Long. <u>134 ° 00.6 ' W. "</u>		Storage <u>5,000</u>		of <u>6,167,450</u> m ³	
Miles above mouth _____				Installed capacity _____ mw			
Drainage Area <u>2.8</u>		sq.mi. <u>7.25</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	<u>4</u>	<u>.1</u>	<u>1170</u>	<u>356.6</u>			<u>1170</u>	<u>356.6</u>	<u>0.40</u>	
50	<u>23</u>	<u>.7</u>							<u>2.29</u>	
mean	<u>25</u>	<u>.7</u>							<u>2.49</u>	<u>17,430</u>

Remarks: **Juneau A-1**

Prepared by GCG Date _____

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GEOLOGICAL SURVEY

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WATERPOWER OF THE UNITED STATES

State Alaska Stream Bear Creek Site Bear Creek

County First Judicial Division
 Mer. T. R. Sec.
 Lat. 58 ° 04.5' N " Long. 134 ° 00.6' W. "
 Miles above mouth _____
 Drainage Area 2.8 sq. mi. 7.25 sq. km

Owner _____
 Constructed _____
 Storage 5,000 af 6,167,450 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	4	.1	1170	356.6			1170	356.6	.40 .398	
50	23	.7							2,287.30	2.29
mean	25	.7							2,486.49	17,430

Remarks:

Prepared by _____ Date _____

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