

WATERPOWER OF THE UNITED STATES

State Alaska Stream Goulding Lake (Upper) Site Upper Goulding Lake 1952

County First Judicial Division

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

Lat. 57 ° 48.5 ' " Long. 136 ° 13.0 ' "

Miles above mouth _____

Drainage Area 25.2 sq. mi. 65.27 sq. km

Owner _____

Constructed _____

Storage 57,000 of 70,308,930 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	38	1.1	227	692	32	9.8	195	59.4	0.63	
50	284	8.0							4.71	
mean	315	8.9							5.22	36,540

Remarks: **Chichagof Island - Sitka D-7**

Form 9-1503
(Feb. 1962)

U.S. DEPARTMENT OF INTERIOR
GEOLOGICAL SURVEY

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WATERPOWER OF THE UNITED STATES

State Alaska Stream Goulding Lake (Upper) Site Upper Goulding Lake 2592

County <u>First Judicial Division</u>				Owner _____
Mer. _____ T. _____ R. _____ Sec. _____	Constructed <u>70,308,930</u>			
Lat. <u>57</u> ° <u>48.5</u> ' " Long. <u>136</u> ° <u>13.0</u> ' "	Storage <u>57,000</u> af <u>13,308.93</u> m ³			
Miles above mouth _____	Installed capacity _____ mw			
Drainage Area <u>25.2</u> sq.mi. <u>65.27</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	38	1.1	227	69.2	32	9.8	195	59.4	.630	
50	284	8.0							4707.71	
mean	315	8.9							5221	36,540

Remarks:

Prepared by _____ Date _____

Libro D. 7 - Chicago of Island