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Revillagigedo Island - Tongass Natl Forest

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Form 9-1503

U.S. DEPARTMENT OF INTERIOR

Basin Index 13 CE

(Feb. 1962)

GEOLOGICAL SURVEY

WATERPOWER OF THE UNITED STATES

State	Alaska	Stream	Swan Lake	Site	Swan Lake	2592
County	First Judicial Division			Owner		
Mer.	T.	R.	Sec.	Constructed		
Lat.	55 ° 36.9 ' N.	Long.	131 ° 21.3 ' W.	Storage	105,000 of 129,516,450	m ³
Miles above mouth				Installed capacity	mw	
Drainage Area	35.4	sq. mi.	91.69	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	127	3.6	303	92.4			303	92.4	3.27	
50	403	11.4							10.38	
mean	446	12.6							11.49	80,430

Remarks:

Revillagigedo Island - Ketchikan C-5

See FPP 2911,

See "Water Powers of SE Alaska" USFS report to FPC, Dec. 1974, pp 39-43.

1968 Alaska Power Administration No. 72

Prepared by GCG Date _____

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(Feb. 1962)

U.S. DEPARTMENT OF INTERIOR
GEOLOGICAL SURVEY

Basin Index 20 95

13 CE

WATERPOWER OF THE UNITED STATES

State Alaska Stream Swan Lake Site Swan Lake

County First Judicial Division

Owner _____

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

Constructed 129,516.450

Lat. 55 ° 36.9' N. " Long. 131 ° 21.3' W. "

Storage 105 af 24,516.45 m³

Miles above mouth _____

Installed capacity _____ mw

Drainage Area 35.4 sq. mi. 91.69 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	127	3.6	303	92.4			303	92.4	3271	
50	403	11.4							10379.38	
mean	446	12.6							11487.49	80,430

Remarks:

Prepared by _____ Date _____

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