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Form 9-1503  
(Feb. 1962)

U.S. DEPARTMENT OF INTERIOR  
GEOLOGICAL SURVEY

19060000

Basin Index 13-AD 52

WATERPOWER OF THE UNITED STATES

State Alaska Stream West Creek (Taiya R. tributary) Site West Creek Taiya 2592

County First Judicial Division  
Mer.        T.        R.        Sec.         
Lat. 59 °31.7 'N " Long. 135 ° 21 ' W "  
Miles above mouth         
Drainage Area 38.7 sq. mi. 100.23 sq. km

Owner         
Constructed         
Storage 80,000 af 98,679,200 m<sup>3</sup>  
Installed capacity        mw  
Installable capacity        mw

FLOW			ELEVATIONS				HEAD		THEORETICAL POWER mw-100 % Eff.	ESTIMATED AVERAGE ANNUAL GENERATION mwh
Percent duration	cfs	m <sup>3</sup> /sec	Forebay		Tailrace		Gross			
			ft.	m	ft.	m	ft.	m		
95	22	.6	800	259.1	50	15.2	750	228.6	1.40	
50	365	10.3							23.27	
mean	400	11.3							25.50	178,500

Remarks: **Skagway C-1**

Prepared by GCG Date

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13-AD

WATERPOWER OF THE UNITED STATES

State Alaska Stream West Creek Taiya Site West Creek Taiya

County <u>First</u> Judicial Division _____				Owner _____	
Mer. _____ T. _____ R. _____ Sec. _____				Constructed _____	
Lat. <u>59 ° 31.7 N.</u> " Long. <u>135 ° 28 'W</u> "				Storage <u>80,000</u> af of <u>98,679,200</u> m <sup>3</sup>	
Miles above mouth _____				Installed capacity _____ mw	
Drainage Area <u>38.7</u> sq.mi. <u>100.23</u> sq. km				Installable capacity _____ mw	

FLOW			ELEVATIONS				HEAD		THEORETICAL POWER mw-100% Eff.	ESTIMATED AVERAGE ANNUAL GENERATION mwh
Percent duration	cfs	m <sup>3</sup> /sec	Forebay		Tailrace		Gross			
			ft.	m	ft.	m	ft.	m		
95	22	.6	800	259.1	50	15.2	750	228.6	1402	
50	365	10.3							23269.27	
mean	400	11.3							25500	178,500

Remarks:

Skogway C-1