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Form 9-1503
(Feb. 1962)

U.S. DEPARTMENT OF INTERIOR
GEOLOGICAL SURVEY

Basin Index 13 C D.

WATERPOWER OF THE UNITED STATES

State **Alaska** Stream **Weigle Lake** Site **Weigle Lake**

County _____ Owner _____

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

Lat. 55 °02.7 ' " Long. 132 ° 12.5 ' W " Storage 11,400 af 14,061,786 m³

Miles above mouth _____ Installed capacity _____ mw

Drainage Area _____ sq. mi. 9.84 sq. km Installable capacity _____ mw

FLOW			ELEVATIONS				HEAD		THEORETICAL POWER	ESTIMATED AVERAGE ANNUAL GENERATION
			Forebay		Tailrace		Gross			
Percent duration	cfs	m³/sec	ft.	m	ft.	m	ft.	m	mw-100 % Eff.	mwh
95	6	0.2	950	289.6	200	61.1	750	228.6	0.38	
50	31	0.9							1.98	
mean	35	1.1							2.23	15,610

Remarks:

Prince of Wales Island - Craig A-1

Prepared by GCG Date _____

Form 9-1503
(Feb. 1962)

U.S. DEPARTMENT OF INTERIOR
GEOLOGICAL SURVEY

Basin Index 85 ~~78~~
13 CD

WATERPOWER OF THE UNITED STATES

State Alaska Stream Weigle Lake Site ~~Prince of Wales Island~~ Weigle Lake

County

Mer. T. R. Sec.

Lat. 55 °02.7N ' " Long. 132 °12.5 W' "

Miles above mouth

Drainage Area 3.8 sq.mi. 9.84 sq. km

Owner

Constructed 14,061,786

Storage 11,400 af ~~2,661.29~~ m³

Installed capacity mw

Installable capacity mw

FLOW			ELEVATIONS				HEAD		THEORETICAL POWER	ESTIMATED AVERAGE ANNUAL GENERATION
			Forebay		Tailrace		Gross			
Percent duration	cfs	m³/sec	ft.	m	ft.	m	ft.	m	mw-100% Eff.	mwh
95	6	.2	950	289.6	200	61.1	750	228.6	0.382	
50	31	.9							1.976 1.98	
mean	35	1.1							2.231	15,610

Remarks:

Prepared by Date

Craig A1