

1906000

## WATERPOWER OF THE UNITED STATES

State Alaska Stream Kugel Lake Site Kugel Lake 2592

County <u>First Judicial Division</u>				Owner _____	
Mer. _____ T. _____ R. _____ Sec. _____		Constructed _____			
Lat. <u>55 °02.7 N</u> " Long. <u>132 ° 15.2 ' W.</u> "		Storage <u>10,000</u> of <u>12,335,490</u> m <sup>3</sup>			
Miles above mouth _____		Installed capacity _____ mw			
Drainage Area <u>7.5</u> sq. mi. <u>19.43</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	11	0.3	427	130.2	0		427	130.2	0.40	
50	59	1.7							2.14	
mean	70	2.1							2.54	17,780

Remarks: **Prince of Wales Island - Craig A-1**

Form 9-1503  
(Feb. 1962)

*Basin of 9 Wals 72*

U.S. DEPARTMENT OF INTERIOR  
GEOLOGICAL SURVEY

Basin Index TT 96  
83

13C0

WATERPOWER OF THE UNITED STATES

State Alaska

Stream Kugel Lake

Site Kugel Lake

County First Judicial Division

Owner \_\_\_\_\_

Mer. \_\_\_\_\_ T. \_\_\_\_\_ R. \_\_\_\_\_ Sec. \_\_\_\_\_

Constructed 12334.90

Lat. 55 ° 02.7 'N. " Long. 132 ° 15.2 'W. "

Storage 10,000 af 2,334.90 m<sup>3</sup>

Miles above mouth \_\_\_\_\_

Installed capacity \_\_\_\_\_ mw

Drainage Area 7.5 sq.mi. 19.43 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	11	.3	427	130.2			427	130.2	399.40	
50	59	1.7							2141	
mean	70	2.1							2541	17,780

Remarks:

Prepared by \_\_\_\_\_ Date \_\_\_\_\_

Craig #1

WILSON & COMPANY