

Form 9-1503
(Feb. 1962)

U.S. DEPARTMENT OF INTERIOR
GEOLOGICAL SURVEY

19040002

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Basin Index 14-G

WATERPOWER OF THE UNITED STATES

State	Alaska	Stream	Kukaklek Lake Alagnak River	Site	Kukaklek Lake	2592
County				Owner		
Mer.	T.	R.	Sec.	Constructed		
P.H. Lat.	59 ° 19 ' 00 "	Long.	155 ° 33 ' 30 "	Storage	1,051,000 af	1,296,397,990 m ³
Miles above mouth				Installed capacity		
Drainage Area	470 sq.mi.	1217.3	sq. km	Installable capacity		

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	107	3.0	810	246.9	50	15.2	760	231.6	6.91	
50	840	23.8							54.26	
mean	1210	34.3							78.17	547,190

Remarks: **Illiama B-7**

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(Feb. 1962)

Alagnak River

U.S. DEPARTMENT OF INTERIOR
GEOLOGICAL SURVEY

Basin Index

14-GC

WATERPOWER OF THE UNITED STATES

State	Alaska	Stream	Kukaklek Lake	Site	<i>Kutaklek</i>
County				Owner	
Mer.	T.	R.	Sec.	Constructed	
Lat.	59 °	19 '	00 "	Long.	155 ° 33 ' 30 "
Miles above mouth	<i>1217.3</i>			Storage	<i>1,051,000</i> of <i>1,296,397,990</i> m ³
Drainage Area	<i>470</i>	sq.mi.	<i>1386.5</i>	sq. km	
				Installed capacity	mw
				Installable capacity	mw

FLOW			ELEVATIONS				HEAD		THEORETICAL POWER mw-100 % Eff.	ESTIMATED AVERAGE ANNUAL GENERATION mwh
Percent duration	cfs	m³/sec	Forebay		Tailrace		Gross			
			ft.	m	ft.	m	ft.	m		
95	107	3.0	810	246.9	50	15.2	760	231.6	6,912	
50	840	23.8							54,264	
mean	1210	34.3							78,166	547,190

Remarks:

Prepared by _____ Date _____

William B-7