

Form 9-1503
(Feb. 1962)

U.S. DEPARTMENT OF INTERIOR
GEOLOGICAL SURVEY

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Basin Index 14-GC

WATERPOWER OF THE UNITED STATES

State Alaska Stream Alagnak River Site Kukaklek Lake

County _____ Owner _____

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

Lat. 59 ° 19' 00 " Long. 155 ° 33 ' 30 " Storage 1,051,000 of 1,296,397,990 m³

Miles above mouth _____ Installed capacity _____ mwh

Drainage Area 470 sq.mi. 1217.3 sq. km Installable capacity _____ mwh

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:

A
Illiamna B-7 quadrangle

Prepared by G.C.G. Date _____