

Form 9-1503
(Feb. 1962)

U.S. DEPARTMENT OF INTERIOR
GEOLOGICAL SURVEY

19030005

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WATERPOWER OF THE UNITED STATES

State	Alaska	Stream	Koyukuk River	Site	Hughes	2592
County				Owner		
Mer.	T.	R.	Sec.	Constructed		
Lat.	66 ° 02 ' "	Long.	154 ° 16 ' "	Storage	455,000 af	561,237,950 m ³
Miles above mouth				Installed capacity		
Drainage Area	18,875 sq.mi.	48,886 sq. km	Installable capacity			

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	553	15.7	365	111.2	280	85.3	85	25.9	4.00	
50	6750	191.1							48.77	
mean	24,000	679.6							173.40	1,213,800

Remarks: **Total storage = 1,140,000 acre-feet**

Hughes A-3

1968 Alaska Power Administration No. 8

Prepared by **GCG** Date _____

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