

WATERPOWER OF THE UNITED STATES

State Alaska Stream Tanana River Site Cathedral Rapids

County _____	Owner _____
Mer. _____ T. _____ R. _____ Sec. _____	Constructed _____
Lat. <u>63° 23 ' 20 " N</u> Long. <u>143 ° 44 ' 30 " W</u>	Storage <u>3,400,000</u> of <u>4,193,866,000</u> m ³
Miles above mouth _____	Installed capacity _____ mw
Drainage Area <u>8,550</u> sq. mi. <u>22,144.5</u> sq. km	Installable capacity _____ mw

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	1710	48.4	1612	491.3	1480	451.1	132	40.2	19.19	
50	3320	94.0							37.25	
mean	7570	214.4							84.94	594.580

Remarks: Total storage 5,800,000 acre-feet
Tanacross B-6 quadrangle