

Form 9-1503  
(Feb. 1962)

U.S. DEPARTMENT OF INTERIOR  
GEOLOGICAL SURVEY

192  
Basin Index 14-JB

WATERPOWER OF THE UNITED STATES

State Alaska

Stream Susitna River

Site Watana

County \_\_\_\_\_ Owner \_\_\_\_\_  
Mer. \_\_\_\_\_ T. \_\_\_\_\_ R. \_\_\_\_\_ Sec. \_\_\_\_\_ Constructed \_\_\_\_\_  
Lat. 62 ° 50 ' " Long. 148 ° 20 ' " Storage 400,000 af 493,396,000 m<sup>3</sup>  
Miles above mouth \_\_\_\_\_ Installed capacity \_\_\_\_\_ mw  
Drainage Area 5010 sq.mi. 12975.9 sq. km 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	460	13.0	1990	606.6	1650	502.9	340	103.6	13.29	
50	2840	80.4							82.08	
mean	7990	226.2							230.91	1,616,370

Remarks:

Talkeetna Mtns. D-3 quadrangle

Prepared by G.C.G. Date \_\_\_\_\_