

U.S. DEPARTMENT OF INTERIOR
GEOLOGICAL SURVEY

Site No. 19050002-1
Basin Index

WATERPOWER OF THE UNITED STATES

State ALASKA Stream SUSITNA Site DENALI (USBR?)

County _____	Owner _____
Mer. <u>Fairbanks T. 225</u> R. <u>3E</u> Sec. <u>31</u>	Constructed _____
Lat. _____ " Long. _____ "	Storage <u>354,000</u> of _____ m ³
Miles above mouth _____	Installable capacity _____ mw
Drainage Area <u>1260</u> sq. mi. _____ sq. km	Annual generation _____ mwh
	Secondary energy _____ mwh

FLOW		ELEVATIONS				HEAD		THEORETICAL POWER mw-100% Eff.	ESTIMATED AVERAGE ANNUAL GENERATION mwh
Percent duration	cfs	Forebay		Tailrace		Gross			
		ft.	m	ft.	m	ft.	m		
95		<u>2600^{1/}</u>		<u>2354^{2/}</u>		<u>246</u>		Firm	
50									
mean	<u>3292^{2/}</u>						<u>68.835</u>		

Remarks:

- ^{1/} See "Alaska Power Survey, I-PC, 1969 pg 56, 63, Elev = 2552
- ^{2/} See "Interim Feasibility Report - Upper Susitna River Basin", USCE, 12-12-75
- ^{3/} Denali Dam site Topography "USBR, 1958 Special Maps.