

Form 9-1503
(Feb. 1962)

U.S. DEPARTMENT OF INTERIOR
GEOLOGICAL SURVEY

Site No. 19050002-1
Basin Index 14 JA

This is USCE's Denali

WATERPOWER OF THE UNITED STATES

State Alaska Stream Susitna River Site Denali

County _____	Owner _____
Mer. <u>Seward</u> T. <u>30N</u> R. <u>10E</u> Sec. <u>11?</u>	Constructed _____
Lat. <u>62° 42'</u> " Long. <u>147° 34'</u> "	Storage <u>5,000,000</u> of <u>6,167,450,000</u> m ³
Miles above mouth <u>209.2 USCE 1950</u>	Installed capacity _____ mW
Drainage Area <u>4,170</u> sq. mi. <u>10,800</u> sq. km	Installable capacity _____ mW

(APH) 1,260

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	<u>400</u>		<u>2520</u>	<u>768.1</u>	<u>1990</u>	<u>606.6</u>	<u>530</u>	<u>161.5</u>	<u>18.00</u>	
50	<u>2600</u>								<u>117.00</u>	
mean	<u>7600</u>	<i>← USCE 1950</i>							<u>342.00</u>	

Remarks: **Talkeetna Mtns. C-2**

Storage
6,940,000 of Total (USCE source)
5,000,000 of usable (1950)

Prepared by GCG Date _____

✓ see APH (take the USCE site)

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U.S. DEPARTMENT OF INTERIOR
GEOLOGICAL SURVEY

Basin Index 191 ✓ 176

14-JA

WATERPOWER OF THE UNITED STATES

State Alaska Stream Susitna River Site Denali 2592

County _____ Owner _____
 Mer. _____ T. _____ R. _____ Sec. _____ Constructed _____
 Lat. 62° 42' " Long. 147° 34' " Storage 5,000,000 of 6,167,450,000 m³
 Miles above mouth _____ 10,800 Installed capacity _____ mw
 Drainage Area 4170 sq. mi. 10,700 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	<u>400</u>		<u>2520</u>	<u>768.1</u>	<u>1990</u>	<u>606.6</u>	<u>530</u>	<u>161.5</u>	<u>18.00</u>	
50	<u>2000</u>								<u>117.00</u>	
mean	<u>7600</u>								<u>342.00</u>	

Remarks:

Prepared by _____ Date _____

Tolbeins Mtr C-2

1917

1918

1919

1920