Site No 19050003-28 # 230

Form 9-1503
(Feb. 1962)

U.S. DEPARTMENT OF INTERIOR
GEOLOGICAL SURVEY

Basin Index 14 LB

WATERPOWER OF THE UNITED STATES

State Alaska Stream Klutina River Site Klutina River

2592

County

Mer. Copper River T. 1S R. 2W Sec. 16

Lat. 61 ° 54 ' " Long. 145 ° 29 ' "

Miles above mouth

Drainage Area 670 sq. mi. 1,735.30 sq. km

Owner

Constructed

Storage 600,000 af 740,094,000 m³

Installed capacity mw

Installable capacity mw

FLOW			ELEVATIONS				HEAD		THEORETICAL POWER	ESTIMATED AVERAGE ANNUAL GENERATION
Percent duration	cfs	m³/sec	Forebay		Tailrace		Gross		mw–100 % Eff.	mwh
			ft.	m	ft.	m	ft.	m		
95	106	3.0	1755	533.4	1290	393.2	465	141.7	4.19	
50	546	15.5							21.58	
mean	1320	37.4							52.17	365,190

Remarks: Valdez D-4 X5

See "TAZLINA River and KLUTINA River, Alaska Damsites", USGS, 1957
"Mineral & Water Resources of Alaska" USGS-State of Alaska, 1964, pg 172

Prepared by GCG Date

Form 9-1503
(Feb. 1962)

U.S. DEPARTMENT OF INTERIOR
GEOLOGICAL SURVEY

230 753

Basin Index _____

14 LB

WATERPOWER OF THE UNITED STATES

State Alaska Stream Klutina River Site Klutina

2592

County _____

Mer. _____ T. _____ R. _____ Sec. _____

Lat. 61 ° ~~47~~ 54 ' " Long. 145 ° ~~11~~ 29 ' "

Miles above mouth _____

Drainage Area ~~670~~ sq. mi. 1,735.30 sq. km

Owner _____

Constructed _____ ~~740,094,000~~

Storage 600,000 af ~~740,094,000~~ m³

Installed capacity _____ mw

Installable capacity _____ mw

FLOW			ELEVATIONS				HEAD		THEORETICAL POWER	ESTIMATED AVERAGE ANNUAL GENERATION
Percent duration	cfs	m³/sec	Forebay		Tailrace		Gross		mw–100% Eff.	mwh
			ft.	m	ft.	m	ft.	m		
95	106	3.0	1755	533.4	1290	393.2	465	141.7	4,190	
50	546	15.5							21,581	
mean	1320	37.4							52,173	~~365,211.~~ 365,190

Remarks:

Prepared by _____ Date _____

Valdez D-4