19030004 155

Form 9-1503
(Feb. 1962)

U.S. DEPARTMENT OF INTERIOR
GEOLOGICAL SURVEY

Basin Index 14 CA

WATERPOWER OF THE UNITED STATES

State Alaska Stream ~~Tanana~~ Nabesna River Site Nabesna River 2592

County

Mer. T. R. Sec.

Lat. 62 ° 46 ' 00 " Long. 142 ° 10 ' 10 "

Miles above mouth

Drainage Area 1910 sq.mi. 4947 sq. km

Owner

Constructed

Storage 250,000 af 30,837,250,000 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	390	11.0	2000	609.6	1820	554.7	180	54.9	5.97	
50	590	16.7							9.03	
mean	1300	36.8							19.89	139,230

Remarks: **Movement of bed load and sediment could be a major problem**

Nabesna D-3 quadrangle

Prepared by GCG Date

Form 9-1503
(Feb. 1962)

U.S. DEPARTMENT OF INTERIOR
GEOLOGICAL SURVEY

Basin Index 155/225

Yukon

WATERPOWER OF THE UNITED STATES

14-CA

State Alaska Stream Nabesna River Site Nabesna River 2592

County _____ Owner _____

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

Lat. 62 ° 46 ' 00" Long. 142 ° 10 ' 10 " Storage 250,000 af 30,837,250,000 m³

Miles above mouth _____ Installed capacity _____ mw

Drainage Area 1910 sq.mi. 4947 sq. km Installable capacity _____ mw

1530

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	390	11.0	2000	609.6	1820	554.7	180	54.9	5,967	
50	590	16.7							9,027	
mean	1300	36.8							19,890	139,730

Remarks:

movement of bed load of sediment could be a major problem

Prepared by _____ Date _____

Tobesra D-3