

WATERPOWER OF THE UNITED STATES

State <u>Alaska</u>	Stream <u>Salcha Tenana River</u>	Site <u>Salcha River</u>	2592
County _____		Owner _____	
Mer. <u>FAIRBANKS</u> T. <u>35</u> R. <u>11 E</u> Sec. _____		Constructed _____	
Lat. <u>64 ° 38 ' 30 "</u> Long. <u>145 ° 27 ' 00 "</u>		Storage <u>340,000</u> af <u>419,386,600</u> m ³	
Miles above mouth _____		Installed capacity _____ mw	
Drainage Area <u>1500</u> sq. mi. <u>3885.0</u> 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	75	2.1	1353	412.4	1150	350.5	203	61.9	1.29	
50	375	10.6							6.47	
mean	1140	32.3							19.67	137,690

Remarks: **Total storage 550,000 acre-feet**

Big Delta C-3 Reconn.

Form 9-1503
(Feb. 1962)

U.S. DEPARTMENT OF INTERIOR
GEOLOGICAL SURVEY

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Tanana
WATERPOWER OF THE UNITED STATES

State Alaska

Stream Salcha River

Site Salcha River 14-Cc

County _____ Owner _____
Mer. _____ T. _____ R. _____ Sec. _____ Constructed _____
Lat. 64 ° 38 ' 30 " Long. 145 ° 27 ' 00 " Storage 340,000 of 419,386,600 m³
Miles above mouth 3885.0 Installed capacity _____ mw
Drainage Area 1500 sq.mi. 4425.0 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	75	2.1	1353	412.4	1150	350.5	203	61.9	1,294	
50	375	10.6							6,471	
mean	1140	32.3							19,671	137,690

Remarks:

Total storage 550,000 ac-ft

Prepared by _____ Date _____

Org Delta C-3
Reconn.