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Form 9-1503
(Feb. 1962)

U.S. DEPARTMENT OF INTERIOR
GEOLOGICAL SURVEY

19040002
Kurchankov

181 ✓
Basin Index 14 GB

WATERPOWER OF THE UNITED STATES

State Alaska Stream Tazimina Lake Lake Tazimina River Site Lake 2592

County _____	Owner _____
Mer. _____ T. _____ R. _____ Sec. _____	Constructed _____
Lat. <u>60</u> ° <u>03</u> ' " Long. <u>154</u> ° <u>39</u> ' "	Storage <u>761,000</u> of <u>938,685,890</u> m ³
Miles above mouth _____	Installed capacity _____ mw
Drainage Area <u>330</u> sq.mi. <u>854.7</u> 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>72</u>	<u>2.0</u>	<u>800</u>	<u>243.8</u>	<u>254</u>	<u>77.4</u>	<u>546</u>	<u>166.4</u>	<u>3.34</u>	
50	<u>460</u>	<u>13.0</u>							<u>21.38</u>	
mean	<u>875</u>	<u>24.8</u>							<u>40.65</u>	<u>284,550</u>

Remarks:

5.1 m
2.65/sq mile
Lake Clark A-5

Powerhouse on Lake Clark

$$\begin{array}{r} 2.65 \\ \hline 330 \overline{) 875} \\ \underline{660} \\ 2150 \\ \underline{1980} \\ 1700 \\ \underline{1650} \\ 50 \end{array}$$

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WATERPOWER OF THE UNITED STATES

State AlaskaStream Tazimina Lake RiverSite Tazimina River Lake 2592

County _____

Owner _____

Mer. T R. _____ Sec. _____

Constructed _____

Lat. 60° 03' 59" 48 " Long. 154° 40' 39 "Storage 761,000 of 938,685,890 m³

Miles above mouth _____

Installed capacity _____ mw

Drainage Area 330 sq. mi. 854.7 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	72	2.0	692		86		606	3,709		
50	460	13.0	800		254		546	23,695		
mean	875	24.8						45,071	336,970	

Remarks:

51.51
9.34
21.38
40.65

Prepared by _____ Date _____

Jobe Clark A-5

Powerhouse on Jobe Clark