

Form 9-1503  
(Feb. 1962)

U.S. DEPARTMENT OF INTERIOR  
GEOLOGICAL SURVEY

19040002 174  
Basin Index 14 F B  
N 036 mg ad 12

### WATERPOWER OF THE UNITED STATES

State Alaska Stream Upnuk Lake Site Upnuk Lake 2592

County _____				Owner _____			
Mer. _____ T. _____ R. _____ Sec. _____		Constructed _____		Storage <u>256,000</u> of <u>315,773,440</u> m <sup>3</sup>			
Lat. <u>60 ° 18'</u> " Long. <u>158 ° 50'</u> "		Installed capacity _____ mw		Installable capacity _____ mw			
Miles above mouth _____							
Drainage Area <u>100</u> sq.mi.		<u>259.0</u> sq. km					

FLOW			ELEVATIONS				HEAD		THEORETICAL POWER mw-100% Eff.	ESTIMATED AVERAGE ANNUAL GENERATION mwh
Percent duration	cfs	m <sup>3</sup> /sec	Forebay		Tailrace		Gross			
			ft.	m	ft.	m	ft.	m		
95	<u>35</u>	<u>1.0</u>	<u>863</u>	<u>263.0</u>	<u>666</u>	<u>203.0</u>	<u>197</u>	<u>60.0</u>	<u>0.58</u>	
50	<u>298</u>	<u>8.4</u>							<u>4.98</u>	
mean	<u>429</u>	<u>12.1</u>							<u>7.18</u>	<u>50,260</u>

Remarks: **Includes flow from 46 sq. mi. of Nishlik Lake making a total drainage area of 146 sq. mi.**

**Taylor Mtns. B-8**

Form 9-1503  
(Feb. 1962)

U.S. DEPARTMENT OF INTERIOR  
GEOLOGICAL SURVEY

Basin Index 174

14-FB

WATERPOWER OF THE UNITED STATES

State Alaska Stream Upnuk Lake Site Upnuk Lake 2592

---

County \_\_\_\_\_ Owner \_\_\_\_\_

Mer. \_\_\_\_\_ T. \_\_\_\_\_ R. \_\_\_\_\_ Sec. \_\_\_\_\_ Constructed \_\_\_\_\_

Lat. 60° 18' " Long. 158° 50' " Storage 256,000 of 315,773,440 m<sup>3</sup>

Miles above mouth \_\_\_\_\_ 259.0 Installed capacity \_\_\_\_\_ mw

Drainage Area 100 sq.mi. 295.0 sq. km Installable capacity \_\_\_\_\_ mw

16,745

FLOW			ELEVATIONS				HEAD		THEORETICAL POWER mw-100% Eff.	ESTIMATED AVERAGE ANNUAL GENERATION mwh
Percent duration	cfs	m <sup>3</sup> /sec	Forebay		Tailrace		Gross			
			ft.	m	ft.	m	ft.	m		
95	<u>2635</u>	<u>7.0</u>	<u>863</u>	<u>263.0</u>	<u>666</u>	<u>203.0</u>	<u>197</u>	<u>60.0</u>	<u>435.58</u>	
50	<u>214298</u>	<u>6.18.4</u>							<u>3,583 4.98</u>	
mean	<u>294429</u>	<u>8.12.1</u>							<u>4,923 7.18</u>	<u>50,260</u>

Remarks: Includes flow from 46 sq mi of Nishlik Lake making a total drainage area of 146 sq mi

Taylor Inters B-8