Form 9-1503 (Feb. 1962)

U.S. DEPARTMENT OF INTERIOR GEOLOGICAL SURVEY

Basin Index 13 BC

WATERPOWER OF THE UNITED STATES

State	Alaska	Stream	Nelson	Lake	S	Site	Nelson	Lakes	2592
County	First Judicial	Division			Owner				
Mer	T	R	Sec		Constructed				
Lat. 56	°56.5 ' " l	ong. 134 °	44.5	"	Storage 16,00	00 af		19,735,840	m ³
Miles above	e mouth				Installed capaci	ty			mw
Drainage A	Area 6.3	_sq.mi	16.32 s	q. km	Installable capac	ity			mw

	FLOW			ELEVATIONS			HEAD		THEORETICAL	ESTIMATED AVERAGE
Percent	cfs	m ³ /sec	Forebay		Tailrace		Gross		POWER	ANNUAL GENERATION
duration			ft.	m	· ft.	m	ft.	m	mw-100 % Eff.	mwh
95	9	0.3	469	143.1	29	8.8	440	134.1	0.34	
50	77	2.2							2.88	
mean	85	2.4							3.18	22,260

Remarks:

Baranof Island - Port Alexander D-3

Prepared	by	Date
		0 010

Form 9-1503 (Feb. 1962)

U.S. DEPARTMENT OF INTERIOR GEOLOGICAL SURVEY

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Basin	Index		

WATERPOWER OF THE UNITED STATES

13 Bc

Stote Alaska Stream Nelson Lak	es Site Nelson Lakes 1552
County First Judicial Division	Owner
MerTRSec	Constructed
Lat. 56 ° 56.5' " Long. 134 ° 44.5 ' "	Storage 16 000 af 3, 735, 84 m³
Miles above mouth	Installed capacitymw
Drainage Area 6.3 sq.mi. 16,32 sq.km	Installable capacitymw

FLOW			ELEVATIONS			HEAD		THEORETICAL	ESTIMATED AVERAGE	
Percent	cfs	m ³ /sec	Forebay		Tailrace		Gross		POWER	ANNUAL GENERATION
duration			ft.	m	ft.	m	ft.	m	mw-100 % Eff.	. mwh
95	9	13	469	143.1	29	8,8	440	134.1	34 (337	
50	77	2.2							2880	
mean	85	2.4							3.18 3179	22.260

Remarks:

repared	by	Date
	-,	54.5

Port Olysoder D-3