Form 9-1503 (Feb. 1962)

U.S. DEPARTMENT OF INTERIOR GEOLOGICAL SURVEY

Basin Index 13 B C

WATERPOWER OF THE UNITED STATES

State	Alaska	Stream	Parry	Lake	Site	Parry	Lake	2592
County_	First Judicial	Division		Owner				
	T	R	Sec	Constructed				
Lat5	6 • 38.1 "	_Long. 134 °	40.8	Storage	5,000	_af	6,167,450	m ³
Miles ab	ove mouth			Installed co	apacity			mw
Drainage	e Area 6.1	sq.mi <u>15</u>	sqsq.	km Installable	capacity			mw

FLOW			ELEVATIONS			HEAD		THEORETICAL	ESTIMATED AVERAGE		
Percent		m ³ /sec	Forebay		Tailrace		Gross		POWER	ANNUAL GENERATION	
duration	CIS	m >/ sec	ft.	m	ft.	m	ft.	m	mw-100% Eff.	mwh	
95	21	.6	325	99.0	35	10.7	290	88.4	0.52		
50	113	3.4							2.79		
mean	125	3.5							3.08	21,560	

Remarks:

Baranof Island - Port Alexander C-3

Prepared	by	GCG	Date

WPS A 1947		Quad Port Alexander C-3		
Lake elev. 380	No Lake elæv.			
Drain area 6.1	below 300 contour maybe			
Slide above outlet would require tunnel for dr	about 280 4500' conduits			
Tunnel & conduit 3800' to p.h.				
30' dam		The low head and long		
		conduit makes this a margin		
		project.		
PSC 221 Lands below 400 alev. lake and stream				
	Would need	levels to Lake & location		
	of reservo	oir surface. Also random		
	soundings	if drawn down must be		
	considered	l for storage.		

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Basin Index____

WATERPOWER OF THE UNITED STATES

State	Alaska	Stream	n Parry 1	Lake	Site	Parry Lake	2592
County	First Jud	icial Divisio	on	Owner			
Mer.	T	R	Sec	Constructed_		6, 167, 450	
Lat	56 ° 38.1 '	Long. 134	°40.8 '	Storage	5 00 af _	1,167,45	m ³
Miles o	bove mouth			Installed cap	acity		mw
Draina	ge Area 6.1	sq.mi	15.80 sq. l	km Installable ca	pacity		mw

	FLOW			ELEVA	TIONS		HE	AD	THEORETICAL	ESTIMATED AVERAGE						
Percent	,	3,	Forebay		Tailrace		Gross		Gross		Gross		Gross		POWER	ANNUAL GENERATION
duration	cfs	m ³ /sec	ft.	m	ft.	m	ft.	m	mw-100 % Eff.	mwh						
95	21	.6	325	99.0	35	10.7	290	88.4	.518 .52							
50	113	3,4						4	2785 2.79							
mean	125	3.5							3081	21,560						

Remarks:

Prepared	by		D	ate	
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- taps 71947 Quad Port Alexander C-3 Lapeeler. 380 No Lake elev. de lous 300 contain Drain area 6.1 maybe about 280 Slide above outlet 4)500 conclint would require tunnel for draw down. The low head and long Tunnel & conduit conduit makes this a 3800' to p. H. marginal praical. 30' dam Would need levels to take and lands balow 400cla. Lake & stream PSC 221 location of reservoir surface, Also tandom soundings If drown down must 20 be considered for storage