

WATERPOWER OF THE UNITED STATES

State <u>Alaska</u>	Stream <u>Nellie Juan</u>	Site <u>Nellie Juan # 2</u>	1592
County _____		Owner _____	
Mer. _____ T. _____ R. _____ Sec. _____		Constructed _____	
Lat. <u>60° 21' "</u> Long. <u>148° 53' "</u>		Storage <u>15,000</u> of <u>18,502,350</u> m ³	
Miles above mouth _____		Installed capacity _____ mW	
Drainage Area <u>85</u> sq. mi <u>270.8</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	22	0.6	730	222.5	450	137.2	280	85.3	0.52	
50	291	8.2							6.92	
mean	643	18.2							15.30	107,100

Remarks: Seward B-6 quadrangle