

WATERPOWER OF THE UNITED STATES

State Alaska Stream Nellie Juan River Site Nellie Juan # 1 (LAKE)

County _____ Owner _____

Mer. Seward T. 2N R. 2E Sec. 24^{NW} Constructed _____

Lat. 60 ° 16 ' 00 " Long. 148 ° 59 ' 20 " Storage 196,000 of 241,764,040 m³

Miles above mouth _____ Installed capacity _____ mw

Drainage Area 39 sq. mi. 115.0 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	10	0.3	1284	391.4	730	222.5	554	168.9	0.47	
50	130	3.7							6.12	
mean	295	8.4							13.89	97,230

Remarks: 213,580 eff.
Seward B-6

APA Admins list of 252 sites, 1977