

Form 9-1503
(Feb. 1962)

U.S. DEPARTMENT OF INTERIOR
GEOLOGICAL SURVEY

220
Busin Index 14-KB

WATERPOWER OF THE UNITED STATES

State Alaska Stream Nellie Juan River Site Nellie Juan #1

County _____	Owner _____
Mer. _____ T. _____ R. _____ Sec. _____	Constructed _____
Lat. <u>60</u> ° <u>16</u> ' <u>00</u> " Long. <u>148</u> ° <u>59</u> ' <u>20</u> "	Storage <u>196,000</u> of <u>241,764,040</u> m ³
Miles above mouth _____	Installed capacity _____ mwh
Drainage Area <u>39</u> sq. mi. <u>115.0</u> sq. km	Installable capacity _____ mwh

FLOW			ELEVATIONS				HEAD		THEORETICAL POWER mwh-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: Seward B-6 quadrangle

Prepared by G.C.G. Date _____