

Form 9-1503
(Feb. 1962)

U.S. DEPARTMENT OF INTERIOR
GEOLOGICAL SURVEY

Site No. 19050003-126

222 ✓
Basin Index 14 K B

WATERPOWER OF THE UNITED STATES

State **Alaska** Stream **Nellie Juan** Site **Nellie Juan #3**

County _____	Owner _____
Mer. <u>Seward</u> T. <u>4 N</u> R. <u>4 E</u> Sec. <u>27 NW/4</u>	Constructed _____
Lat. <u>60</u> ° <u>25</u> ' " Long. <u>148</u> ° <u>43</u> ' "	Storage Pondage of _____ m ³
Miles above mouth _____	Installed capacity _____ mw
Drainage Area <u>128</u> sq. mi. <i>including small diversions</i> <u>331.5</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	34	1.0	338	103.0	38	11.6	300	91.4	0.86	
50	438	12.4							11.18	
mean	969	27.4							24.65	172,550

Remarks:
Seward B-5

APA Admins list of 252 sites, 1977

p5c456

Prepared by GCG Date _____