

Form 9-1503  
(Feb. 1962)

U.S. DEPARTMENT OF INTERIOR  
GEOLOGICAL SURVEY

Site No 19050002-20 <sup>TK</sup> 1792.15 ✓  
Basin Index 14 KB

WATERPOWER OF THE UNITED STATES

State Alaska Stream Kasilof River Site Kasilof

County \_\_\_\_\_ Owner \_\_\_\_\_  
 Mer. VTM 7-5 T. 3 N. R. 11 W. Sec. 30 Constructed \_\_\_\_\_  
 Lat. 60 ° 17 ' " Long. 151 ° 13 ' " Storage 750,000 af of 925,117,500 m<sup>3</sup>  
 Miles above mouth \_\_\_\_\_ Installed capacity \_\_\_\_\_ mw  
 Drainage Area 738 sq.mi. 1,911.42 sq. km Installable capacity \_\_\_\_\_ mw

FLOW			ELEVATIONS				HEAD		THEORETICAL POWER mw-100% Eff.	ESTIMATED AVERAGE ANNUAL GENERATION mwh
Percent duration	cfs	m <sup>3</sup> /sec	Forebay		Tailrace		Gross			
			ft.	m	ft.	m	ft.	m		
95	290	8.2	119	36.3	69	21.0	50	15.2	1.23	
50	1145	32.4							4.87	
mean <sup>2385</sup>	2391	67.7	1,728,000 ac-ft/yr						<del>17.99</del> 10.16	71,120

Remarks: **Kenai B-4**

14-KB

WATERPOWER OF THE UNITED STATES

State Alaska Stream Kasilof River Site Kasilof 2592

County \_\_\_\_\_ Owner \_\_\_\_\_  
 Mer. T. 3N., R. 11 W. Sec. 30 Constructed \_\_\_\_\_  
 Lat. 60 ° 13' " Long. 151 ° 15' 30 " Storage 750,000 of 925,117,500 m<sup>3</sup>  
 Miles above mouth 17 Installed capacity \_\_\_\_\_ mw  
 Drainage Area 738 sq.mi. 1,911.42 sq. km Installable capacity \_\_\_\_\_ mw

FLOW			ELEVATIONS				HEAD		THEORETICAL POWER mw-100% Eff.	ESTIMATED AVERAGE ANNUAL GENERATION mwh
Percent duration	cfs	m <sup>3</sup> /sec	Forebay		Tailrace		Gross			
			ft.	m	ft.	m	ft.	m		
95	290	8.2	119	36.3	69	21.0	50	15.2	1,232	
50	1145	32.4							.874,866	
mean	2391	67.7							10,162	71,134.

Remarks:

71,120

Kerai B-4