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Form 9-1503
(Feb. 1962)

U.S. DEPARTMENT OF INTERIOR
GEOLOGICAL SURVEY

Basin Index 13 Dc

WATERPOWER OF THE UNITED STATES

State Alaska Stream Eagle Lake Site Eagle River

County First Judicial Division

Mer. ____ T. ____ R. ____ Sec. ____

Lat. 56 ° 0.8 ' " Long. 131 ° 25 ' "

Miles above mouth ____

Drainage Area 45.1 sq.mi. 116.8 sq. km

Owner ____

Constructed ____

Storage 70,000 af 86,344,300 m³

Installed capacity ____ mw

Installable capacity ____ mw

FLOW			ELEVATIONS				HEAD		THEORETICAL POWER	ESTIMATED AVERAGE ANNUAL GENERATION
Percent duration	cfs	m³/sec	Forebay		Tailrace		Gross		mw-100% Eff.	mwh
			ft.	m	ft.	m	ft.	m		
95	46	0.8	400	121.9	0		400	121.9	0.92	
50	386	8.0							9.18	
mean	483	8.4							10.03	70,210

Remarks: Bradfield Canal A-5

Prepared by GCG Date ____

Form 9-1503
(Feb. 1962)

U.S. DEPARTMENT OF INTERIOR
GEOLOGICAL SURVEY

Basin Index (21) 13-Dc

WATERPOWER OF THE UNITED STATES

State Alaska Stream Eagle Lake Site Eagle River

2592

County First Judicial Division
Mer. ____ T. ____ R. ____ Sec. ____
Lat. 56° 0.8' " Long. 131° 25' "
Miles above mouth 45.1
Drainage Area ~~27.6~~ sq.mi. 116.8 sq. km 71.46

Owner ____
Constructed ____
Storage 70,000 af 86,344,300 m³
Installed capacity ____ mw
Installable capacity ____ mw

FLOW			ELEVATIONS				HEAD		THEORETICAL POWER	ESTIMATED AVERAGE ANNUAL GENERATION
Percent duration	cfs	m³/sec	Forebay		Tailrace		Gross		mw–100 % Eff.	mwh
			ft.	m	ft.	m	ft.	m		
95	46 ~~27~~	.8	400	121.9			400	121.9	.918 .92	
50	366 270	8.0							9180	
mean	483 295	8.4							10,030	70,210

Remarks:

Prepared by ____ Date ____

Bradfield Canal A-5