

TK
7/78

Site No. 19050002-108

UNDEVELOPED HYDROELECTRIC SITE

State Alaska County _____ Site Denali (Bureau of Rec)

Location (River mile 248?) sec 31, T22S, R3E, FAIRBANKS Meridian Stream Susitna River

Planned by (date) USCE (1960)

Reference "Devil Canyon Project, Alaska - Feasibility Report" Bureau of Reclamation Date March 1961

Quadrangle coverage TALKEETNA MTS (D-1) Alaska

Land: Public all Private _____ Use: P, I, FC, MI, R

US 2 = Dam: Height <u>219 ft.</u> Length <u>2050 ft</u>	Undeveloped capacity <u>59.393 MW theoretical</u>
Normal pool altitude <u>2332 feet max regulated w.s.</u>	Percent efficiency _____
Reservoir area <u>67,000 acres</u>	Annual generation _____
Storage capacity <u>5,400,000 acre-feet ^{3,740,000.2/}</u>	Plant factor _____
Drainage area <u>1260 square miles</u>	Mean flow <u>2,545,000 acre feet ^{3140.6 / cfs} _{2310,000 acft w system}</u>
Gross head _____	Period of record <u>1950-1959.</u>

Remarks: Relocation of 38 miles of Denali Highway. It is to cross the dam.

1) Alaska Natural Resources & Rampart, Dept of Interior, 1967.

2) Alaska Power Survey, FPC, 1964, pg 57

3) Devil Canyon Status Report, AFRC, May 1974

4) ANR's list of 252 sites, 1977

Prepared by TK Date 7/78