

Site No. 19050001

UNDEVELOPED HYDROELECTRIC SITE

("Upper Lake") FPP 620

State ALASKA

County _____

Site

Chignik #1

Location Sec. 18, T45S, R58W

Stream _____

Planned by (date) _____

Reference "Bristol Bay Energy & Electric Power Potential", A.P. Admin.*

Date December 1979

Quadrangle coverage Chignik (B-2) Alaska

Land: Public _____

Private _____

Use: P, I, FC, MI, R

Dam: Height 55' (B-420) Length _____

Normal pool altitude _____

Reservoir area _____

Storage capacity _____

Drainage area 2.8 sq mi (XS-13)

Gross head 460' (MEH) (XS-13)

Undeveloped capacity .71 MW (B-420)

Percent efficiency _____

Annual generation 6,219 MWH/YR (B-420)

Plant factor 50% (XS-13)

Mean flow 22.4 cfs (XS-13)

Period of record _____

Remarks: *Pages XS-11, 13, 26, IV 164, 165, 229, 262, 265, 266, V-280. B420-421

Economic evaluation to determine feasibility.

IV 229, Existing Hydro.

Land Status: Native land selection + Wilderness Study Area

Prepared by T.J. Kuka

Date 7/80