

WATERPOWER OF THE UNITED STATES

State <u>Alaska - Nenana</u>	Stream <u>Tetlanika River</u>	Site <u>Tetlanika</u>	1592
County _____	Owner _____		
Mer. _____ T. _____ R. _____ Sec. _____	Constructed _____		
Lat. <u>63</u> ° <u>59</u> ' " Long. <u>149</u> ° <u>33</u> ' "	Storage <u>160,000</u> af <u>197,358,400</u> m ³		
Miles above mouth _____	Installed capacity _____ mw		
Drainage Area <u>508</u> sq. mi. <u>1316</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	48	1.4	1720	524.3	1295	394.7	425	129.5	1.73	
50	310	8.8							11.20	
mean	690	19.5							24.93	174,510

Remarks: Total storage 275,000 cr- feet
Plan includes about 4 miles of tunnel
Healy D-6 quadrangle