

Educational Media Foundation
5700 West Oaks Boulevard
Rocklin, CA 95765

Exhibit 1
Chugwater, WY

Justification for Extraordinary Circumstances

Educational Media Foundation (EMF) respectfully requests a variance from the KLWV licensed parameters. The KLWV antenna combiner needs replacement and is preventing the transmitter from operating into the KLWV antenna.

EMF is requesting to operate a temporary single bay omni directional antenna at the licensed location while repairs are completed to the damaged antenna combiner. Note that the proposed STA service contour at no point extends beyond the licensed service contour as seen in Exhibit 1-A.

EMF plans to move forward as quickly as possible with the replacement of the antenna combiner. A grant of this Special Temporary Authorization is in the public interest as a portion of the KLWV listeners who depend on its programming will be able to continue to be served.

KLWV Proposed ENG STA Parameters:

Antenna Structure Registration Number: NA

Site Locations: 41-18-35.9 N 105-27-18.9 W (NAD 83)

Site Elevation: 2688m

Structure Overall Height: 61m

Antenna Center of Radiation Above Ground Level: 30m

Antenna Center of Radiation Above Mean Sea Level: 2718m

Antenna Center of Radiation Height Above Average Terrain: 318.3m

Effective Radiated Power: 1kw

Antenna: AAT IV-CP single bay

KLWV Chugwater, WY Main and Proposed STA Contours

Exhibit 1-A

- KLWV Main (215)
- KLWV STA (215)

KLWV Main
0000166073
Latitude: 41-18-35.90 N
Longitude: 105-27-18.90 W
ERP: 100.00 kW
Channel: 215
Frequency: 90.9 MHz
AMSL Height: 2736.0 m
Elevation: 2688.0 m
Horiz. Pattern: Omni
Vert. Pattern: No
Prop Model: None

KLWV STA
0000166073
Latitude: 41-18-35.90 N
Longitude: 105-27-18.90 W
ERP: 1.00 kW
Channel: 215
Frequency: 90.9 MHz
AMSL Height: 2718.0 m
Elevation: 2688.0 m
Horiz. Pattern: Omni
Vert. Pattern: No
Prop Model: None

