

## United States of America FEDERAL COMMUNICATIONS COMMISSION LOW POWER TELEVISION/TELEVISION TRANSLATOR BROADCAST STATION CONSTRUCTION PERMIT

Authorizing Official:

Official Mailing Address:

MONTANA STATE UNIVERSITY VISUAL COMM. BLDG 172

BOZEMAN MT 59717

Facility Id: 43570

Keith A. Larson Chief, LPTV Branch Video Division Media Bureau

Grant Date: September 18, 1995 This permit expires 3:00 a.m. local time, March 18, 1997.

Call Sign: K49EH Permit File Number: BPTT-19940412AG

Subject to the provisions of the Communications Act of 1934, as amended, subsequent acts and treaties, and all regulations heretofore or hereafter made by this Commission, and further subject to the conditions set forth in this permit, the permittee is hereby authorized to construct the radio transmitting apparatus herein described. Installation and adjustment of equipment not specifically set forth herein shall be in accordance with representations contained in the permittee's application for construction permit except for such modifications as are presently permitted, without application, by the Commission's Rules.

Commission rules which became effective on February 16, 1999, have a bearing on this construction permit. See Report & Order, Streamlining of Mass Media Applications, MM Docket No. 98-43, 13 FCC RCD 23056, Para. 77-90 (November 25, 1998); 63 Fed. Reg. 70039 (December 18, 1998). Pursuant to these rules, this construction permit will be subject to automatic forfeiture unless construction is complete and an application for license to cover is filed prior to expiration. See Section 73.3598.

Equipment and program tests shall be conducted only pursuant to Sections 73.1610 and 73.1620 of the Commission's Rules.

Name of Permittee: MONTANA STATE UNIVERSITY Station Location: MT-HELENA Frequency (MHz): 680 - 686 Offset: MINUS Channel: 49 Hours of Operation: Unlimited

FCC Form 364 October 21, 1985

Callsign: K49EH Permit No.: BPTT-19940412AG Transmitter: Type Accepted. See Sections 74.750 of the Commission's Rules. Antenna type: (directional or non-directional): Directional Description: AND ALP8L1-HSW Major lobe directions 180 (degrees true): Beam Tilt: Not Applicable Antenna Coordinates: North Latitude: 46 deg 46 min 11 sec West Longitude: 112 deg 01 min 25 sec Maximum Effective Radiated Power (ERP) Towards Radio Horizon: 12.7kW Maximum ERP in any Horizontal and Vertical Angle: 12.7 kW Height of radiation center above ground: <sup>9</sup> Meters Height of radiation center above mean sea level: 1519 Meters Antenna structure registration number: None Overall height of antenna structure above ground: 31 Meters

Special operating conditions or restrictions:

1 The authorization of a license to operate this station is conditioned upon the use of a transmitter that has been type accepted or meets Commission type acceptance requirements at a visual carrier frequency tolerance of plus/minus 1 kHz. In the event the transmitter has not been type accepted at this tolerance, the permittee shall, in the license application, provide full engineering data that demonstrates compliance with Section 74.750 (c) (3) (iii) of the Commission's Rules.

\*\*\* END OF AUTHORIZATION \*\*\*