



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

Authorizing Official:

Official Mailing Address:

MESA COUNTY  
P. O. BOX 20000  
GRAND JUNCTION CO 81501

Hossein Hashemzadeh  
Associate Chief  
Video Division  
Media Bureau

Facility Id: 41276

Grant Date: May 24, 2005

This permit expires 3:00 a.m.  
local time, 36 months after the  
grant date specified above.

Call Sign: K49IO

Permit File Number: BPTT-20050228AAO

This Permit Modifies Permit No.: BLTT-19810724IH

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: MESA COUNTY

Station Location: CO-GRAND JUNCTION

Frequency (MHz): 680 - 686

Offset: NONE

Channel: 49

Hours of Operation: Unlimited

Transmitter: Type Accepted. See Sections 74.750 of the Commission's Rules.

Antenna type: (directional or non-directional): Non-Directional

Description: SCA SL8-3

Major lobe directions (degrees true): Not Applicable

Beam Tilt: Not Applicable

Antenna Coordinates: North Latitude: 39 deg 03 min 56 sec

West Longitude: 108 deg 44 min 50 sec

Maximum Effective Radiated Power (ERP) Towards Radio Horizon: 0.976 kW

Maximum ERP in any Horizontal and Vertical Angle: 0.976 kW

Height of radiation center above ground: 18 Meters

Height of radiation center above mean sea level: 2188 Meters

Antenna structure registration number: None

Overall height of antenna structure above ground: 20.7 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 \*\*\*