



United States of America
FEDERAL COMMUNICATIONS COMMISSION
FM BROADCAST STATION CONSTRUCTION PERMIT

Authorizing Official:

Official Mailing Address:

PUBLIC BROADCASTING OF COLORADO, INC.
BRIDGES BROADCAST CENTER
7409 SOUTH ALTON COURT
CENTENNIAL CO 80112

James D. Bradshaw
Deputy Chief
Audio Division
Media Bureau

Facility ID: 37028

Grant Date: June 13, 2005

Call Sign: KVOQ

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

Permit File Number: BPH-20050505ABF

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: PUBLIC BROADCASTING OF COLORADO, INC.

Station Location: CO-GREENWOOD VILLAGE

Frequency (MHz): 102.3

Channel: 272

Class: A

Hours of Operation: Unlimited

Transmitter: Type Accepted. See Sections 73.1660, 73.1665 and 73.1670 of the Commission's Rules.

Transmitter output power: As required to achieve authorized ERP.

Antenna type: Non-Directional

Antenna Coordinates: North Latitude: 39 deg 39 min 55 sec
 West Longitude: 104 deg 51 min 38 sec

| | Horizontally Polarized Antenna | Vertically Polarized Antenna |
|--|--------------------------------------|------------------------------------|
| Effective radiated power in the Horizontal Plane (kW): | 6.0 | 6.0 |
| Height of radiation center above ground (Meters): | 63 | 63 |
| Height of radiation center above mean sea level (Meters): | 1757 | 1757 |
| Height of radiation center above average terrain (Meters): | 64 | 64 |

Antenna structure registration number: Not Required

Overall height of antenna structure above ground: 67 Meters

Obstruction marking and lighting specifications for antenna structure:

It is to be expressly understood that the issuance of these specifications is in no way to be considered as precluding additional or modified marking or lighting as may hereafter be required under the provisions of Section 303(q) of the Communications Act of 1934, as amended.

None Required

Special operating conditions or restrictions:

- 1 ***** This is a Section 73.215 contour protection grant *****
 ***** as requested by this applicant *****

- 2 PROGRAM TEST FOR BPH-20050505ABF WILL NOT COMMENCE ON CHANNEL 272 UNTIL
 PROGRAM TEST FOR KTRR WITH THE FACILITIES SPECIFIED IN BPH-20050505ABG
 COMMENCE AND A LICENSE WILL NOT BE GRANTED FOR BPH-20050505ABF ON
 CHANNEL 272 UNTIL A LICENSE IS GRANTED FOR KTRR WITH THE FACILITIES
 SPECIFIED IN BPH-20050505ABG.

- 3 The permittee/licensee in coordination with other users of the site
 must reduce power or cease operation as necessary to protect persons
 having access to the site, tower or antenna from radiofrequency
 electromagnetic fields in excess of FCC guidelines.

Special operating conditions or restrictions:

- 4 Permittee has specified use of the antenna listed below to demonstrate compliance with the FCC radiofrequency electromagnetic field exposure guidelines. If any other type or size of antenna is to be used with the facilities authorized herein, THE AUTOMATIC PROGRAM TEST PROVISIONS OF 47 C.F.R. SECTION 73.1620 WILL NOT APPLY. In this case, a FORMAL REQUEST FOR PROGRAM TEST AUTHORITY must be filed in conjunction with FCC Form 302-FM, application for license, BEFORE program tests will be authorized. This request should be made at least 10 days prior to the date on which program tests are desired to commence. The request must include a revised RF field showing to demonstrate continued compliance with the FCC guidelines.

Documentation demonstrating compliance with the FCC radiofrequency field exposure guidelines may be submitted in advance of the filing of FCC Form 302-FM. The Commission's staff will review it for compliance and respond by letter stating whether automatic PTA has been reinstated.

ERI or JAMPRO JBCP "Rototiller (EPA), 2 Sections, 0.75 wavelength spaced

*** END OF AUTHORIZATION ***