



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

Authorizing Official:

Official Mailing Address:

AUDACY LICENSE, LLC
2400 MARKET STREET
4TH FLOOR
PHILADELPHIA PA 19103

Brian J. Butler
Supervisory Engineer
Audio Division
Media Bureau

Facility ID: 26929

Grant Date: May 08, 2001

Call Sign: KQMT

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

Permit File Number: BPH-20010214ACA

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: AUDACY LICENSE, LLC

Station Location: CO-DENVER

Frequency (MHz): 99.5

Channel: 258

Class: C

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: Directional

Antenna Coordinates: North Latitude: 39 deg 43 min 45 sec
West Longitude: 105 deg 14 min 06 sec

	Horizontally Polarized Antenna	Vertically Polarized Antenna
Effective radiated power in the Horizontal Plane (kW):	81	81
Maximum effective radiated power (kW):	100	100
Height of radiation center above ground (Meters):	40	40
Height of radiation center above mean sea level (Meters):	2262	2262
Height of radiation center above average terrain (Meters):	495	495

Antenna structure registration number: 1023423

Overall height of antenna structure above ground (including obstruction lighting if any) see the registration for this antenna structure.

Special operating conditions or restrictions:

- 1 Before equipment tests with the facilities authorized herein are begun, permittee/licensee shall contact the Radio Frequency Management Office of the National Oceanographic and Atmospheric Administration's Environmental Research Laboratories in Boulder, Colorado, at the address specified in Section 73.1030(b)(2) of the Commission's Rules. Permittee/licensee will agree with the staff of the Radio Frequency Management Office upon a suitable measurement procedure for determining the field strength of the signal radiated by the permittee's/licensee's authorized facilities at the coordinates of the Table Mountain Radio Receiving Zone specified in Section 73.1030(b) of the Commission's Rules. After reaching an agreement on a suitable procedure, permittee/licensee will begin equipment tests with the facilities authorized herein, will implement the agreed-upon procedure, and will make sufficient measurements to establish that the field strength of the signal radiated by the permittee's/licensee's authorized facilities at the specified Table Mountain Radio Receiving Zone coordinates does not exceed 10 mV/m or 80 dBu. In the event that the measured field strength at the specified Table Mountain Radio Receiving Zone coordinates resulting from the operation of the permittee's/licensee's authorized facilities exceeds 10 mV/m or 80 dBu, program tests will not be undertaken by the permittee/licensee. The permittee/licensee will instead submit an application for modification of this construction permit specifying a means acceptable to the Radio Frequency Management Office of the National Oceanographic and Atmospheric Administration's Environmental Research Laboratories to reduce the field strength at the specified Table Mountain Radio Receiving Zone coordinates resulting from the operation of the permittee's/licensee's authorized facilities to a level not exceeding 10 mV/m or 80 dBu. The permittee/licensee will serve a copy of the application for license (FCC Form 302-FM) and associated exhibits on the Radio Frequency Management Office at the address specified in Section 73.1030(b)(2) of the Commission's Rules on or before the date the application is tendered at the Commission's Office in Washington, D.C.

Grant of the license will occur only with the concurrence of the National Oceanographic and Atmospheric Administration's Environmental Research Laboratories as to the adequacy of the protection afforded to the Table Mountain Radio Receiving Zone by the permittee's /licensee's authorized facilities.

- 2 BEFORE PROGRAM TESTS ARE AUTHORIZED, permittee shall submit the results of a complete proof-of-performance to establish the horizontal plane radiation patterns for both the horizontally and vertically polarized radiation components. This proof-of-performance may be accomplished using the complete full size antenna, or individual bays therefrom, mounted on a supporting structure of identical dimensions and configuration as the proposed structure, including all braces, ladders, conduits, coaxial lines, and other appurtenances; or using a carefully manufactured scale model of the entire antenna, or individual bays therefrom, mounted on an equally scaled model of the proposed supporting structure, including all appurtenances. Engineering exhibits should include a description of the antenna testing facilities and equipment employed, including appropriate photographs or sketches and a description of the testing procedures, including scale factor, measurements frequency, and equipment calibration.

Special operating conditions or restrictions:

- 3 BEFORE PROGRAM TESTS ARE AUTHORIZED, permittee shall submit an affidavit from a licensed surveyor to establish that the directional antenna has been oriented at the proper azimuth.
- 4 BEFORE PROGRAM TESTS ARE AUTHORIZED, permittee/licensee shall submit an affidavit that the installation of the directional antenna system was overseen by a qualified engineer. This affidavit shall include a certification by the engineer that the antenna was installed pursuant to the manufacturer's instructions and list the qualifications of the certifying engineer.
- 5 The relative field strength of neither the measured horizontally nor vertically polarized radiation component shall exceed at any azimuth the value indicated on the composite radiation pattern authorized by this construction permit.

A relative field strength of 1.0 on the composite radiation pattern herein authorized corresponds to the following effective radiated power:

100 kilowatts.

Principal minima and their associated field strength limits:

280 degrees True: 4.709 kilowatts
290 degrees True: 4.796 kilowatts
300 degrees True: 4.709 kilowatts
320 degrees True: 4.796 kilowatts.

- 6 BEFORE PROGRAM TESTS COMMENCE, sufficient measurements shall be made to establish that the operation authorized in this construction permit is in compliance with the spurious emissions requirements of 47 C.F.R. Sections 73.317(b) through 73.317(d). All measurements must be made with all stations simultaneously utilizing the shared antenna. These measurements shall be submitted to the Commission along with the FCC Form 302-FM application for license.
- 7 The permittee shall submit a copy of the antenna's vertical plane pattern for the mechanical beam tilt along with the FCC Form 302-FM application for license.
- 8 The permittee/licensee shall, upon completion of construction and during the equipment test period, make proper radiofrequency electromagnetic (RF) field strength measurements throughout the transmitter site area to determine if there are any areas that exceed the FCC guidelines for human exposure to RF fields. If necessary, a fence must be erected at such distances and in such a manner as to prevent the exposure of humans to RF fields in excess of the FCC Guidelines (OET Bulletin No. 65, Edition 97-01, August 1997). The fence must be a type which will preclude casual or inadvertent access, and must include warning signs at appropriate intervals which describe the nature of the hazard. Any areas within the fence found to exceed the recommended guidelines must be clearly marked with appropriate visual warning signs.

Special operating conditions or restrictions:

- 9 Documentation demonstrating compliance with the special operating condition(s) 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.
- 10 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.

*** END OF AUTHORIZATION ***