



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

Authorizing Official:

Official Mailing Address:

WRAL-FM, INC.
3100 HIGHWOODS BOULEVARD
SUITE 140
RALEIGH NC 27604

Edward P. De La Hunt
Associate Chief
Audio Division
Media Bureau

Facility ID: 73920

Grant Date: August 10, 1990

Call Sign: WRAL

This permit expires 3:00 a.m.
local time, February 10, 1992.

Permit File Number: BPH-19900509IF

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: WRAL-FM, INC.

Station Location: NC-RALEIGH

Frequency (MHz): 101.5

Channel: 268

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: Non-Directional

Antenna Coordinates: North Latitude: 35 deg 40 min 35 sec
West Longitude: 78 deg 32 min 09 sec

	Horizontally Polarized Antenna	Vertically Polarized Antenna
Effective radiated power in the Horizontal Plane (kW):	96	96
Maximum effective radiated power (kW):	100	100
Height of radiation center above ground (Meters):	550	550
Height of radiation center above mean sea level (Meters):	646	646
Height of radiation center above average terrain (Meters):	555	555

Antenna structure registration number: Not Required

Overall height of antenna structure above ground: 610 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 PERMITTEE SHALL SUBMIT A COPY OF THE VERTICLE PLANE PATTERN FOR THE -0.8 DEGREE BEAM TILT ANTENNA ALONG WITH THE FORM 302 APPLICATION FOR LICENSE.

*** END OF AUTHORIZATION ***