United States of America

FEDERAL COMMUNICATIONS COMMISSION

FM BROADCAST STATION CONSTRUCTION PERMIT

Authorizing Official:

Official Mailing Address:

WLEY LICENSING, INC.
7007 NW 77TH AVE.
MIAMI FL 33166

Larry D. Eads
Chief
Audio Division
Media Bureau

Facility ID: 71282

Call Sign: WLEY-FM

Permit File Number: BPH-19870302OO

Grant Date: January 26, 1990

This permit expires 3:00 a.m. local time, July 26, 1991.

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: WLEY LICENSING, INC.

Station Location: IL-AURORA

Frequency (MHz): 107.9

Channel: 300

Class: B

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: 41 deg 49 min 04 sec

West Longitude: 87 deg 59 min 17 sec

	Horizontally Polarized Antenna	Vertically Polarized Antenna
Effective radiated power in the Horizontal Plane (kW):	45	45
Height of radiation center above ground (Meters):	138	138
Height of radiation center above mean sea level (Meters):	368	368
Height of radiation center above average terrain (Meters):	158	158

Antenna structure registration number: Not Required

Overall height of antenna structure above ground: 151 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 During the installation of the antenna authorized herein, AM Station (s)listed below shall determine operating power by the indirect method and, if necessary, request temporary authority from the Commission in Washington to operate with parameters at variance in order to maintain monitoring point values within authorized limits. Upon completion of the installation, common point impedance measurements on the AM array shall be made and a partial proof of performance, as defined by Section 73.154(a) of the Commission's Rules, shall be conducted to establish that the AM array has not been adversely affected and, prior to or simultaneous with the filing of the application for license to cover this permit, the results submitted to the Commission (along with a tower sketch of the installation) in an application for the AM station to return to the direct method of power determination.
(Revised January 28, 1983)
WLUP

Special operating conditions or restrictions:

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 DISCRIPTION 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.
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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.
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A RELATIVE FIELD STRENGTH OF 1.0 ON THE COMPOSITE RADIATION PATTERN HEREIN AUTHORIZED CORRESPONDS TO THE FOLLOWING EFFECTIVE RADIATED POWER:
-
45.0 KILOWATTS
-
PRINCIPAL MINIMA AND THEIR ASSOCIATED FIELD STRENGTH LIMITS:
-
357 DEGREES TRUE: 18.0 KILOWATTS
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BEFORE PROGRAM TESTS ARE AUTHORIZED, PERMITTEE SHALL SUBMIT AN AFFIDAVIT FROM A LICENSED SURVEYOR TO ESTABISH THAT THE DIRECTIONAL ANTENNA HAS BEEN ORIENTED AT THE PROPER AZIMUTH.

*** END OF AUTHORIZATION ***