



**United States of America**  
**FEDERAL COMMUNICATIONS COMMISSION**  
**FM BROADCAST STATION LICENSE**  
**AUXILIARY ANTENNA**

Authorizing Official:

Official Mailing Address:

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ST. LOUIS FCC LICENSE SUB, LLC  
3415 UNIVERSITY AVENUE, WEST  
ST. PAUL MN 55114

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Penelope A. Dade  
Supervisory Analyst  
Audio Division  
Media Bureau

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Facility Id: 74577

Call Sign: WARH

License File Number: BLH-19891003KA

Grant Date:

This license expires 3:00 a.m.  
local time, December 01, 1996.

This license covers Permit No.: BLH-19810202AF

Subject to the provisions of the Communications Act of 1934, subsequent acts and treaties, and all regulations heretofore or hereafter made by this Commission, and further subject to the conditions set forth in this license, the licensee is hereby authorized to use and operate the radio transmitting apparatus herein described.

This license is issued on the licensee's representation that the statements contained in licensee's application are true and that the undertakings therein contained so far as they are consistent herewith, will be carried out in good faith. The licensee shall, during the term of this license, render such broadcasting service as will serve the public interest, convenience, or necessity to the full extent of the privileges herein conferred.

This license shall not vest in the licensee any right to operate the station nor any right in the use of the frequency designated in the license beyond the term hereof, nor in any other manner than authorized herein. Neither the license nor the right granted hereunder shall be assigned or otherwise transferred in violation of the Communications Act of 1934. This license is subject to the right of use or control by the Government of the United States conferred by Section 606 of the Communications Act of 1934.

Callsign: WARH

License No.: BLH-19891003KA

Name of Licensee: ST. LOUIS FCC LICENSE SUB, LLC

Station Location: IL-GRANITE CITY

Frequency (MHz): 106.5

Channel: 293

Class: C1

Hours of Operation: Unlimited -- For auxiliary purposes only

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

Transmitter output power:

Antenna type: Non-Directional

Description:

Antenna Coordinates: North Latitude: 38 deg 34 min 24 sec  
West Longitude: 90 deg 19 min 30 sec

	Horizontally Polarized Antenna	Vertically Polarized Antenna
Effective radiated power in the Horizontal Plane (kW):	90	90
Height of radiation center above ground (Meters):	325	325
Height of radiation center above mean sea level (Meters):	466	466
Height of radiation center above average terrain (Meters):	313	313

Antenna structure registration number: Not Required

Overall height of antenna structure above ground: 338 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 -  
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 SECTIONS 73.317(B) THROUGH  
73.317(D) OF THE COMMISSION'S RULES. ALL MEASUREMENTS MUST  
BE MADE WITH STATIONS WKBQ(FM), KYKY(FM), KEZK(FM),  
KMJM(FM), KSDF(FM), KSHE(FM), AND KFVO(FM) SIMULTANEOUSLY  
UTILIZING THE SHARED ANTENNA. THESE MEASUREMENTS SHALL BE  
SUBMITTED TO THE COMMISSION ALONG WITH THE FORM 302  
APPLICATION FOR LICENSE.

\*\*\* END OF AUTHORIZATION \*\*\*