



United States of America
FEDERAL COMMUNICATIONS COMMISSION
FM BROADCAST STATION LICENSE

Authorizing Official:

Official Mailing Address:

IHM LICENSES, LLC
7136 S. YALE AVENUE
SUITE 501
TULSA OK 74136

Dale E. Bickel
Senior Engineer
Audio Division
Media Bureau

Facility Id: 14375

Call Sign: WZZO

License File Number: BLH-19890830KD

Grant Date:

This license expires 3:00 a.m.
local time, August 01, 1991.

This license covers Permit No.:BPH-870722IB
as modified by Permit No.: BMPH-890411IA

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: WZZO

License No.: BLH-19890830KD

Name of Licensee: IHM LICENSES, LLC

Station Location: PA-BETHLEHEM

Frequency (MHz): 95.1

Channel: 236

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:

Antenna type: Directional

Description: ODD ODD890830KD

Antenna Coordinates: North Latitude: 40 deg 37 min 13 sec

West Longitude: 75 deg 17 min 37 sec

	Horizontally Polarized Antenna	Vertically Polarized Antenna
Effective radiated power in the Horizontal Plane (kW):	30.0	30.0
Height of radiation center above ground (Meters):	73	73
Height of radiation center above mean sea level (Meters):	321	321
Height of radiation center above average terrain (Meters):	192	192

Antenna structure registration number: 1025306

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 Neither the horizontally nor vertically polarized radiation component shall exceed the following value at any azimuth.
30 KILOWATTS

2 Each component shall be restricted to the following values at the azimuths specified below.
12 KILOWATTS AT 218 DEGRESS TRUE.

Special operating conditions or restrictions:

3 In addition, neither radiation component shall increase at a rate exceeding 0.2 dB per degree from the azimuths of restricted radiation specified above nor exceed a maximum-to-minimum ratio of 15 dB. The rms of the vertically polarized radiation pattern shall not exceed that of the horizontally polarized radiation pattern.

4 THIS GRANT DOES NOT PRECLUDE WAYV(FM), ATLANTIC CITY, NEW JERSEY AND WRKI(FM) BROOKFIELD, CONNECTICUT BEING GRANTED AUTHORITY TO OPERATE WITH FULL CLASS B FACILITIES, ERP OF 50 KILOWATTS AT AN HAAT OF 150 METERS.

ANTENNA DESCRIPTION:

SHIVELY LABS 6810-3R-DA, THREE SECTIONS, CIRCULARLY POLARIZED, TOP-MOUNTED ON A NON-UNIFORM CROSS-SECTIONED, SELF-SUPPORTING, STEEL TOWER.

*** END OF AUTHORIZATION ***