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FEDERAL COMMUNICATIONS COMMISSION

FM BROADCAST STATION LICENSE



Official Mailing Address:

TRI-CITIES RADIO CORP.
P.O. BOX 8668
GRAY, TN 37615

Authorizing Official:

James D. Beadle

to Arthur E. Doak
Supervisory Engineer, FM Branch
Audio Services Division
Mass Media Bureau

Grant Date: JUL 12 1994

Call sign: WKOS

This license expires 3:00 am.
local time: August 01, 1996

License File No.: BLH-940401KA

This license covers Permit No.: 930614IA

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.

Name of Licensee:

TRI-CITIES RADIO CORP.

Station Location:

TN-KINGSPORT

Frequency (MHz): 104.9

Channel: 285

Class: A

Hours of Operation: Unlimited

Main Studio Address:

TN-Free Hill Road, Washington County, Gray

Transmitter location (address or description):

End of extension of Edens View Road, Kingsport, Sullivan County, Tennessee.

Remote control point address:

TN-Free Hill Road, Washington County, Gray

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

Transmitter output power (kW): 2.00

Antenna type: (directional or non-directional): Directional

Desc: Jampro JMPC-2R DA, two section, circularly polarized

Antenna coordinates: North Latitude: 36 33 14.0

West Longitude: 82 27 0.0

	Horizontally Polarized Antenna	Vertically Polarized Antenna
Effective radiated power in the horizontal plane (kW) :	2.75	2.75
Height of radiation center above ground (meters) :	56.0	56.0
Height of radiation center above mean sea level (meters) :	617.0	617.0
Height of radiation center above average terrain (meters) :	150.0	150.0

Overall height of antenna structure above ground (including obstruction lighting, if any) : 58.0 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. The permittee/licensee must reduce power or cease operation as necessary to protect persons having access to the site, tower or antenna from radiofrequency radiation in excess of FCC guidelines.

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:

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2.75 kilowatts

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Principal minima and their associated field strength limits:

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0 degrees True: 1.35 kilowatts