FCC Form 352
June 1984

UNITED STATES OF AMERICA
FEDERAL COMMUNICATIONS COMMISSION

File No.: BZ-860520AG
FACID: 48720
Call Sign: WSYR

**AM BROADCAST STATION LICENSE**

Subject to the provisions of the Communications Act of 1934, as amended, subsequent Acts, Treaties, and Commission Rules made thereunder, and further subject to conditions set forth in this license,[1] the LICENSEE

NEWCITY COMMUNICATIONS OF SYRACUSE, INC.

is hereby authorized to use and operate the radio transmitting apparatus hereinafter described for the purpose of broadcasting for the term ending 3 a.m. Local Time JUNE 1, 1991 in accordance with the following:

1. Station location: Syracuse, NY

2. Main Studio location: (Listed only if not at transmitter site or not within boundaries of principal community)

3. Remote control location: 2 Clinton Square
Syracuse, NY

4. Transmitter location: 2341 Valley Drive
Syracuse, NY

North latitude: 42° 59' 13"
West longitude: 76° 09' 09"

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

6. Antenna and ground system: See attached

7. Obstruction marking and lighting specifications — FCC Form 715, paragraphs: 1, 3, 12 & 21.

8. Frequency (kHz.): 570

9. Nominal power (kW): 5.0 Day
5.0 Night

Antenna input power (kW): 5.4 Day

☐ Non-directional antenna: current _____ amperes; resistance _____ ohms.
☒ Directional antenna : current 5.0 amperes; resistance 216.0 ohms.

5.4 Night

☐ Non-directional antenna: current _____ amperes; resistance _____ ohms.
☒ Directional antenna : current 5.0 amperes; resistance 216.0 ohms.

10. Hours of operation: Specified in construction permit (BR BS-265)
11. Conditions: - - -

6/10/87 THIS SUPERSEDES AUTHORIZATION OF SAME DATE TO CORRECT REMOTE CONTROL LOCATION.

The Commission reserves the right during said license period of terminating this license or making effective any change or modification of this license which may be necessary to comply with any decision of the Commission rendered as a result of any hearing held under the rules of the Commission prior to the commencement of this license period or any decision rendered as a result of any such hearing which has been designated but not held, prior to the commencement of this license period.

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 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, as amended. 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, as amended.

[1] This license consists of this page and pages 2 & 3

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1. DESCRIPTION OF DIRECTIONAL ANTENNA SYSTEM

**No. and Type of Elements:** Three self-supporting, square cross sections, tapered series excited vertical radiators.

**Height above Insulators:** 330' (69°)

**Overall Height:** 336'

**Spacing and Orientation:** Spaced 724' (151°) between elements on a line bearing 15° true.

**Non-Directional Antenna:** None used.

**Ground System consists of** 144 equally spaced buried copper radials 400' in length plus a 48 x 48 foot ground screen about the base of each tower. Radials are bonded at intersecting point. A buried 4 inch copper strap joins the ground system between towers.

2. THEORETICAL SPECIFICATIONS

| | Tower | N(#3) | C(#1) | S(#2) |
|---|---|---|---|---|
| Phasing: | Night: | -65.6° | 0° | +82.4° |
| | Day: | -24.0° | 0° | +84.0° |
| Field Ratio: | | | | |
| | Night: | 0.490 | 1.0 | 0.610 |
| | Day | 0.420 | 1.0 | 0.730 |

3. OPERATING SPECIFICATIONS

| | | | | |
|---|---|---|---|---|
| Phase Indication*: | | | | |
| | Night: | -85° | 0° | 87° |
| | Day: | -43° | 0° | 90° |
| Antenna Base Current Ratio: | Night | 0.5208 | 1.0 | 0.5903 |
| | Day | 0.4133 | 1.0 | 0.6897 |
| Antenna Monitor Sample Current Ratio: | Night | 0.485 | 1.0 | 0.55 |
| | Day | 0.395 | 1.0 | 0.665 |

* As indicated by Potomac AM-19(204) Antenna Monitor.

ANTENNA SAMPLING APPROVED UNDER SECTION 73.68(b) OF THE RULES.

DESCRIPTION OF AND FIELD STRENGTH OF MONITORING POINTS:

Direction of 136 degree true North. From the WSYR transmitter driveway, drive South of Valley Drive 0.4 mile and turn left on Dorwin Avenue. Drive 0.6 mile to S.Salina. Turn right and drive 0.55 mile and turn left on Rockwell Road. Drive 0.6 mile and bear left at the fork on Sentinel Heights Road. Drive approximately 0.15 mile to Kennedy Road on east side of the expressway. Turn right on Kennedy Road and drives 1.55 miles to Bull Mill Road. Turn left and drive 1.0 mile to Sentinal Heights Road. Turn left and drive approximately 0.75 mile to monitoring point on the right side of the road approximatley 100 feet beyond a field lane on the right. The distance to the point is 2.53 miles. The field intensity measured at this point should not exceed 40.0 mV/m. Night 39.3 mV/m. Day.

Direction of 155 degree true North. From the WSYR transmitter driveway drive south on Valley Drive 0.4 mile to Dorwin Avenue. Turn left and drive 0.6 mile to S. Salina Street. Turn right and drive 0.55 mile to Rockwell Road. Turn left and drive approximately 0.75 mile to Kennedy Road just east of the expressway. Turn right and drive approximately 0.55 mile to the monitor point on the right side of the road near a large tree just north of the guard rail. The distance to the point is 1.83 miles. The field intensity measured at this point should not exceed 46.7 mV/m. Night.

Direction of 195 degree true North. From the WSYR driveway, turn south (left) on Valley Drive (Route 80). Drive 5 miles to Gwills Corner and turn left (south) onto Hitchings Road. Proced 1.9 miles to Route 20 and turn East (left). Drive .85 mile to a forked left side road (the westmost of two for Everingham Road). The monitor point is at the ditch line on the road. This is location number 17 on this radial as reported in the 1966 Proof of Performance, and is 5.87 miles from the WSYR transmitting site. Field intensity measured at this point should not exceed 11.9 mV/m. Night and 23.4 mV/m. Day.