FCC Form 352
February 1977

UNITED STATES OF AMERICA
FEDERAL COMMUNICATIONS COMMISSION

File No.: BL-830907AA

MODIFICATION

Call Sign: W O I C

STANDARD BROADCAST STATION LICENSE

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

NUANCE CORPORATION

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 DECEMBER 1, 1988

The licensee shall use and operate said apparatus only in accordance with the following terms:

1. On a frequency of 1320 kHz.
2. With nominal power of 2.5 kilowatts nighttime and 5 kilo watts daytime,
   with antenna input power of 2700 watts - directional antenna nighttime ..... [Common Point / Common Point] current 7.35 amperes, resistance 50 ohms,
   and antenna input power of 4300 watts non directional antenna daytime ..... [Antenna / Antenna] current 6.53 amperes, resistance 101 ohms
3. Hours of operation: Unlimited Time.
   Average hours of sunrise and sunset:
   Jan. 7:30am to 5:30pm; Feb. 7:15am to 6:00pm;
   Mar. 6:30am to 6:30pm; Apr. 6:00am to 7:00pm;
   May 5:30am to 7:15pm; June 5:15am to 7:30pm;
   July 5:30am to 7:30pm; Aug. 5:45am to 7:15pm;
   Sep. 6:00am to 6:30pm; Oct. 6:30am to 5:45pm;
   Nov. 7:00am to 5:15pm; Dec. 7:30am to 5:15pm;
   EASTERN STANDARD TIME (NON-ADVANCED)
4. With the station located at: COLUMBIA, SOUTH CAROLINA
5. With the main studio located at: Corner of Lucas St. & Commanche Trail
   West Columbia, South Carolina
6. Remote control point: ---
7. Transmitter location:

   North Latitude: 34° 00' 16"
   West Longitude: 81° 04' 15"

   Corner of Lucas St. & Commanche Trail
   West Columbia, South Carolina
8. Obstruction marking specifications in accordance with the following paragraphs of FCC Form 715: 1,3,11,21 & 22
9. Transmitter(s): Type Accepted
10. Conditions: -

The Commission reserves the right during said license period of terminating this license or making effective any changes 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 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. 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.

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

Dated: November 30, 1983
WAP

FEDERAL COMMUNICATIONS COMMISSION

FCC Form 353-A
June 1980

File NO.: BL-830907AA Call Sign: WOIC Date: 9-13-83

DA- N

1. **DESCRIPTION OF DIRECTIONAL ANTENNA SYSTEM**

No. and Type of Elements: Four, series, excited , uniform cross section, guyed steel towers. Theo RMS: 559.54 mV/m (KM), 347.8 mV/m(Mile) Std (RMS): 588.38 MV/M(KM), 365.7 mV/M (Mile).

Height above Insulators: 220' (106.3°)

Overall Height: 225'

Spacing and Orientation: Four towers in line spaced 90° apart on a line bearing 102° T.

Non-Directional Antenna: WC(#2) Daytime

Ground System consists of 120 radials vary in length from 200' to 92' where the proposed intersect with existing radials they will be bonded together. The proposed antenna ground and lighting arrestor will be interconnected to the present station ground by a 4" copper strap.

2. **THEORETICAL SPECIFICATIONS**

Tower	W(#1)	WC(#2)	EC(#3)	E(#4)
Phasing:	161.9°	0°	-158.3°	46.6°
Field Ratio:	.532	1.00	.691	.181

3. OPERATING SPECIFICATIONS

Phase Indication*:	167°	0°	-158°	66°
Antenna Base Current Ratio:	0.545	1.00	0.818	0.174
Antenna Monitor Sample Current Ratio:	0.525	1.00	0.81	0.175

*** As indicated by** Potomac Instruments AM-19 (204)

EXEMPTIONS AS LISTED IN SECTION 73.68(b) WILL APPLY DURING PROPER OPERATION OF APPROVED SAMPLING SYSTEM

Field measuring equipment shall be available at all times and, commencement of operation, the field strength at each of the monitoring points shall be measured at least once every seven days and an appropriate record kept of all measurements so made.

DESCRIPTION OF AND FIELD INTENSITY AT MONITORING POINTS:

Direction of 3° True North. From transmitter go south on N. Lucas St. to US 378. Turn left on US 378 and continue to SC 12. Turn right to SC 12 and continue to Columbia. Turn left at the intersection of SC 12 and Huger St. Follow Huger to I-126 West toward Spartanburg. Continue on I-126 west and exit at Greystone Blvd. Turn right on Greystone and continue to Broad River Road. Turn right onto Broad River Road and continue to Broad River Bridge. Monitor Point #9 is on the north walkway in the center of the river. The field intensity measured at this point should not exceed 8.9 mV/m.

Direction of 201° True North. From transmitter go south on N. Lucas St. Turn right onto Craft Street and continue to US 378. Turn right onto US 378 and continue to 12th St. Turn left on 12th St. and continue to Charleston Hwy. Turn right on Charleston Hwy. and continue to Platt Springs Road. Follow Platt Springs Road to Denham Ave. Follow Denham to Waits Memorial Youth Center. The monitor point is located in the center of the parking lot across from Grace Baptist Church. The field intensity measured at this point should not exceed 6.4 mV/m.

Direction of 282° True North. From transmitter go south on N. Lucas St. Turn right onto Craft St. and continue to US 378. Turn right on US 378 and continue to Whippoorwill. Turn right on Whippoorwill and continue to end of street at intersection of Goldfinch Lane. Turn left on Goldfinch and stop in front of the second house on the right. This is 1604 Goldfinch. Monitor point is across the street from the house. The field intensity measured at this point should not exceed 51.5 mV/m.

BC-208
June 1980 CP File No. BP-820722AK File No.BL-830907AA

SPECS. FOR DIRECTIONAL OPERATION OF WOIC, Columbia, SC
FREQ.1320 kHz Nominal Power: 4300 Watts day
Antenna Input Power: 2700 Watts night

Date: 9-13-83

DA- N

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The field strength in mV/m measured at the described monitoring points is not to exceed the following values:

3° true = 8.9 mV/m
201° true = 6.4 mV/m
282° true = 51.5 mV/m