

UNITED STATES OF AMERICA  
FEDERAL COMMUNICATIONS COMMISSION

File No.: BL-830907AA

MODIFICATION  
STANDARD BROADCAST STATION LICENSE

Call Sign: W O I C

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, <sup>1</sup>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 ☐ Common Point current **7.35** amperes  
antenna nighttime ..... ☐ Common Point resistance **50** ohms,  
and antenna input power of **4300 watts** non directional ☐ Antenna current **6.53** amperes  
antenna daytime ..... ☐ Antenna 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'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. 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.

☒ This license consists of this page and pages **2 & 3**

Dated: **November 30, 1983**  
**WAP**

FEDERAL  
COMMUNICATIONS  
COMMISSION



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 30° 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

Date: 9-13-83

Antenna Input Power: 2700 Watts night

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)

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

CLASS OF SERVICE  
This is a fast message unless its deferred character is indicated by the proper symbol.

# WESTERN UNION TELEGRAM

W. P. MARSHALL  
CHAIRMAN OF THE BOARD

R. W. MCFALL  
PRESIDENT

SYMBOLS  
DL = Day Letter  
NL = Night Letter  
LT = International Letter Telegram

The filing time shown in the date line on domestic telegrams is LOCAL TIME at point of origin. Time of receipt is LOCAL TIME at point of destination

906P EDT OCT 17 67 AB371

A WWY920 WWZ8 WWZ8 DL COLLECT WASHINGTON DC 17 NPT  
RADIO STATION WOIC *Chgo*  
1127 LADY ST COLUMBIA SOCAR

PURSUANT TO SECTION 73.99 RULES UNTIL FURTHER NOTICE, THIS TELEGRAM CONSTITUTES PRE-SUNRISE SERVICE AUTHORITY FOR OPERATION BETWEEN 6:00 AM AND SUNRISE TIMES SPECIFIED IN BASIC INSTRUMENT OF AUTHORIZATION WITH DAYTIME ANTENNA AND POWER OF 500 WATTS DETERMINED BY DIRECT METHOD. ANTENNA CURRENT COMPUTED UTILIZING LAST ANTENNA RESISTANCE MEASUREMENT SUBMITTED TO COMMISSION. NO OBJECTION USE KIT FURNISHED BY TRANSMITTER MANUFACTURER TO REDUCE TRANSMITTER OUTPUT POWER. NECESSARY MAKE WITHIN 90 DAYS EQUIPMENT PERFORMANCE MEASUREMENTS TO SHOW THAT TRANSMITTER MEETS REQUIREMENTS OF SECTION 73.40. RETAIN MEASUREMENTS IN STATION FILE. POST THIS AUTHORIZATION OR PHOTO COPY WITH STATION LICENSE

SF1201(R2-65)

CLASS OF SERVICE  
This is a fast message unless its deferred character is indicated by the proper symbol.

# WESTERN UNION TELEGRAM

W. P. MARSHALL  
CHAIRMAN OF THE BOARD

R. W. MCFALL  
PRESIDENT

SYMBOLS  
DL = Day Letter  
NL = Night Letter  
LT = International Letter Telegram

The filing time shown in the date line on domestic telegrams is LOCAL TIME at point of origin. Time of receipt is LOCAL TIME at point of destination

GEORGE S SMITH CHIEF BROADCAST BUREAU FEDERAL COMMUNICATIONS COMMISSION.

*Very Important Don't lose!*  
*Ed Woyes*