



**United States of America**  
**FEDERAL COMMUNICATIONS COMMISSION**  
**AM BROADCAST STATION LICENSE**

Authorizing Official:

Official Mailing Address:

SALEM COMMUNICATIONS HOLDING CORPORATION  
4880 SANTA ROSA ROAD  
CAMARILLO CA 93012

Son Nguyen  
Supervisory Engineer  
Audio Division  
Media Bureau

Grant Date: May 31, 2000

Facility Id: 13508

Call Sign: KKNT

This license expires 3:00 a.m.  
local time, October 01, 2005.

License File Number: BZ-19990603DC

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.

|                                      |         |         |         |         |         |
|--------------------------------------|---------|---------|---------|---------|---------|
| Hours of Operation:                  | Jul.    | 5:30 AM | 7:45 PM |         |         |
| Average hours of sunrise and sunset: | Aug.    | 5:45 AM | 7:15 PM |         |         |
| Local Standard Time (Non-Advanced)   | Sep.    | 6:15 AM | 6:30 PM |         |         |
| Jan.                                 | 7:30 AM | 5:45 PM | Oct.    | 6:30 AM | 6:00 PM |
| Feb.                                 | 7:15 AM | 6:15 PM | Nov.    | 7:00 AM | 5:30 PM |
| Mar.                                 | 6:45 AM | 6:30 PM | Dec.    | 7:30 AM | 5:15 PM |
| Apr.                                 | 6:00 AM | 7:00 PM |         |         |         |
| May                                  | 5:30 AM | 7:15 PM |         |         |         |
| Jun.                                 | 5:15 AM | 7:45 PM |         |         |         |

Name of Licensee: SALEM COMMUNICATIONS HOLDING CORPORATION

Station Location: PHOENIX, AZ

Frequency (kHz): 960

Station Class: B

Antenna Coordinates:

Day

Latitude: N 33 Deg 41 Min 34 Sec

Longitude: W 112 Deg 00 Min 09 Sec

Night

Latitude: N 33 Deg 41 Min 34 Sec

Longitude: W 112 Deg 00 Min 09 Sec

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

Nominal Power (kW): Day: 5.0 Night: 5.0

Antenna Input Power (kW): Day: 5.0 Night: 5.4

Antenna Mode: Day: ND Night: DA

(DA=Directional Antenna, ND=Non-directional Antenna; CH=Critical Hours)

Current (amperes): Day: 9.8 Night: 10.4

Resistance (ohms): Day: 52 Night: 50

Non-Directional Antenna: Day

Radiator Height: meters; 90 deg

Theoretical Efficiency: 305.8 mV/m/kw at 1km

Antenna Registration Number(s):

Day:

| Tower No. | ASRN    | Overall Height (m) |
|-----------|---------|--------------------|
| 1         | 1007496 |                    |

Night:

| Tower No. | ASRN    | Overall Height (m) |
|-----------|---------|--------------------|
| 1         | 1007495 |                    |
| 2         | 1007496 |                    |
| 3         | 1007497 |                    |
| 4         | 1007498 |                    |

DESCRIPTION OF DIRECTIONAL ANTENNA SYSTEM

Theoretical RMS (mV/m/km): Night: 772.1  
 Standard RMS (mV/m/km): Night:  
 Augmented RMS (mV/m/km):  
 Q Factor: Night: 39.284

Theoretical Parameters:

Night Directional Antenna:

| Tower No. | Field Ratio | Phasing (Deg.) | Spacing (Deg.) | Orientation (Deg.) | Tower Ref Switch * | Height (Deg.) |
|-----------|-------------|----------------|----------------|--------------------|--------------------|---------------|
| 1         | 0.5840      | 207.900        | 90.0000        | 230.500            | 0                  | 90.0          |
| 2         | 1.0000      | 0.000          | 0.0000         | 0.000              | 0                  | 90.0          |
| 3         | 0.7930      | 152.700        | 90.0000        | 50.500             | 0                  | 90.0          |
| 4         | 0.3120      | -68.800        | 180.0000       | 50.500             | 0                  | 90.0          |

\* Tower Reference Switch

0 = Spacing and orientation from reference tower

1 = Spacing and orientation from previous tower

Night Directional Operation:

| Twr. No. | Phase (Deg.) | Antenna Monitor Sample Current Ratio |
|----------|--------------|--------------------------------------|
| 1        | -157.66      | 0.449                                |
| 2        | 0            | 1                                    |
| 3        | 151.9        | 0.92                                 |
| 4        | -70.9        | 0.368                                |

Antenna Monitor: Potomac Instruments Model 1901-4

Sampling System Approved Under Section 73.68 of the Rules.

Monitoring Points:

Night Operation:

| Radial (Deg. T) | Distance From Transmitter (kM) | Maximum Field Strength (mV/m) |
|-----------------|--------------------------------|-------------------------------|
| 113.5           | 2.7                            | 20.1                          |
| 159.5           | 4.6                            | 19.9                          |
| 301.5           | 2.2                            | 53.8                          |
| 347.5           | 3.8                            | 13.3                          |

\*\*\* END OF AUTHORIZATION \*\*\*