

UNITED STATES OF AMERICA
FEDERAL COMMUNICATIONS COMMISSION
AM BROADCAST STATION LICENSE

File No. : BL-910402AC
Fac ID: 65375
Call Sign : K T G E

LICENSEE:

T G R BROADCASTING, INCORPORATED

1. Community of License: Salinas, CA
2. Transmitter location: 1321 Old Stage Road
Monterey County
Salinas, CA
North latitude: 36 ° 39' 38 "
West longitude: 121 ° 32' 29 "
6. Antenna and ground system: Attached

3. Transmitter(s): Type Accepted. (See Sections 73.1660,
73.1665 and 73.1670 of the Commission's rules)
4. Main Studio location: (See Section 73.1125)
548 E. Alisal Street
Salinas, CA
5. Remote control location:
548 E. Alisal Street
Salinas, CA

7. Obstruction marking and lighting specifications - FCC Form 715, paragraphs: 1, 3, 11 & 21

8. Frequency: 1570 kHz

9. Nominal power (kW): 5.0 Day 0.5 Night

Antenna input power (kW):

5.4 Day

Non-directional antenna:

Directional antenna : current 10.4 amperes; resistance 50 ohms.

0.54 Night

Non-directional antenna:

Directional antenna : current 3.29 amperes; resistance 50 ohms.

10. Hours of operation: Specified in BP-871005AG; BMP-890717AF; BMP-900914AB; BMP-880114AB

11. Conditions: ---

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 is hereby authorized to use and operate the radio transmitting apparatus herein described for the purpose of broadcasting for the term ending 3 A.M. Local Time
December 1, 1997

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.

The license is issued on the licensee's representation that the statements contained in the 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, 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 & 4

Dated: 03 SEP 1991

FEDERAL
COMMUNICATIONS
COMMISSION



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SEP 6 1991

File NO. BL-9010402AC Call Sign: KTGE Date:

1. DESCRIPTION OF DIRECTIONAL ANTENNA SYSTEM

No. and Type of Elements: Three(3), guyed, series-excited, steel radiators of uniform cross-section. Theo. RMS: 904.9 mV/m/km, Day; 295.95 mV/m/km, Night. Std. RMS: 950.44 mV/m/km, Day; 310.91 mV/m/km, Night. Q factor: 22.36, Day; 10.0, Night.

Height above Insulators: 104.5m (197.1°) towers #1(NE) & #3(SW) T.L. 18°

Overall Height: 106.7 m

there is the 3rd tower

Spacing and Orientation: Towers are spaced 130.8° apart on a line bearing 240.5° True

Non-Directional Antenna: N/A

Ground System consists of 120 copper radials incrementally spaced about the base of each tower with a maximum length of 138.8 m. In addition, 120 radails 15.2 m in length interspersed between the longer radials.

2. THEORETICAL SPECIFICATIONS

	Tower	#1(NE)	#2(C)	#3(SW)
Phasing:	Night	0°	-122.14°	115.72°
	Day	0°	-63.8°	-115.9°
Field Ratio:	Night	1.0	1.615	0.81
	Day	1.0	2.975	1.25

3. OPERATING SPECIFICATIONS

Phase Indication*:	Night	-120.2°	0°	79°
	Day	-69°	0°	30.6°
Antenna Base	Night	1.152	1.00	0.705
Current Ratio:	Day	0.685	1.00	0.351
Antenna Monitor Sample	Night	1.02	0.90	0.60
Current Ratio:	Day	0.70	1.00	0.32

* As indicated by Delta AAM-1 (3-235) antenna Monitor.
 Antenna sampling system approved under section 73.68(b) rules.

DIRECTION OF AND FIELD INTENSITY AT MONITORING POINTS

Direction of 10° True North. From the entrance drive to the KTGE transmitter building, proceed generally north and west on Old Stage Road 4.2 km to a private gate on the east side of the road. Passing through the gate, proceed 1.9 km generally eastward bearing left, to a fork in the road, bearing south at the fork. Proceed an additional 1.6 km along the road to the designated monitor point, which is located 23 meters east of the center of the road near three trees. The photographs show the location of the monitor point as observed when approaching as described above. The monitor point is located at a distance of 2.53 km from the center of the array. The field intensity measured at this point should not exceed 5.3 mV/m Nighttime.

Direction of 43° True North. From the entrance drive to the KTGE transmitter building, proceed generally north and west on Old Stage Road 4.2 km to a private gate on the east side of the road. Passing through the gate, proceed 1.9 km generally eastward, bearing left, to a fork in the road, bearing south at the fork. Proceed an additional 3.5 km along the road to the designated monitor point, which is located in the center of the road at the beginning of its eastward bend. The photographs show the location of the monitor point as observed when approaching from the north (as Described above). The monitor point is located at a distance of 1.93 km from the center of the array. The field intensity measured at this point should not exceed 72 mV/m Daytime.

Direction of 78° True North. From the entrance drive to the KTGE transmitter building, proceed generally north and west on Old Stage Road 4.2 km to a private gate on the east side of the road. Passing through the gate, proceed 1.9 km generally eastward to a fork in the road, bearing south at the fork. Proceed an additional 5.1 km along the road past the microwave transmission facility to the designated monitor point, which is located in the center of the road at the top of the hill. The photographs show the location of the monitor point as observed when approaching from the north (as described above). The monitor point is located at a distance of 2.05 km from the center of the array. The field intensity measured at this point should not exceed 113.6 mV/m Daytime.

Direction of 111° True North. From the entrance drive to the KTGE transmitter building, proceed generally southward on Old Stage Road 3.5 km to East Alisal Road. Turning right at the intersection, proceed 0.2 km generally southeastward to the intersection of East Alisal and the farm road opposite Spence Road. Turning left, proceed generally northeastward on the farm road approximately 1.4 km, turning 90° to the right (south) at the bend in the road. Bearing left at the fork in the road, proceed an additional 0.7 km to the cattle guard in the road. Turning left, proceed eastward 1.1 km to the gate, and bearing right through the gate, proceed an additional 0.7 km to the fork in the road. At the fork, bear left and proceed 0.2 km to the monitor

point, which is located in the center of the dirt road 25 meters east of the large tree. The photographs show the location of the monitor point as observed when approaching as described above. The monitor point is located at a distance of 3.56 km from the center of the array. The field intensity measured at this point should not exceed 2.34 mV/m Nighttime.

Direction of 136° True North. From the entrance drive to the KTGE transmitter building, proceed generally southward on Old Stage Road 3.5 km to East Alisal Road. Turning right at the intersection, proceed 0.2 km generally southeastward to the intersection of East Alisal and the farm road opposite Spence Road. Turning left, proceed generally northeastward on the farm road approximately 1.4 km, turning 90° to the right (south) at the bend in the road. Bearing left at the next fork in the road, proceed an additional 0.7 km to the cattle guard in the road. Turning left, proceed eastward 0.5 km to the monitor point, which is located in the center of the dirt road. The photographs show the location of the monitor point as observed when approaching as described above. The monitor point is located at a distance of 3.22 km from the center of the array. The field intensity measured at this point should not exceed 4.1 mV/m Nighttime.

Direction of 240.5° True North. From the entrance drive to the KTGE transmitter building, proceed generally north and west on Old Stage Road 0.5 km to Zabala Road. Turning left at the intersection, proceed 3.3 km generally southwest to the intersection of Zabala and East Alisal. Turning right, proceed generally northwest on East Alisal approximately 0.6 km to the intersection of East Alisal and Hartnell. Turning left, proceed generally south on Hartnell approximately 0.6 km to a dirt road beside the irrigation canal. Turning right, proceed along the dirt road generally west 0.4 km to the monitor point, which is located in the center of the dirt road. The photographs show the location of the monitor point as observed when approaching along the dirt road from the east (as described above) and from a location southwest of the monitor point looking toward the point to the northeast. The monitor point is located at a distance of 4.23 km from the center of the array. The field intensity measured at this point should not exceed 210 mV/m Daytime and 106.4 mV/m Nighttime.

Direction of 345° True North. From the entrance drive to the KTGE transmitter building, proceed generally north and west on Old Stage Road 4.2 km to a private gate on the east side of the road. Passing through the gate, proceed approximately 1.7 km generally eastward to a cattle guard on the road. The designated monitor point is located 35 meters south of the cattle guard and 16 meters west of the center of the road. The photographs show the location of the monitor point as observed when approaching as described above. The monitor point is located at a distance of 3.93 km from the center of the array. The field intensity measured at this point should not exceed 2.5 mV/m Nighttime.