



United States of America
FEDERAL COMMUNICATIONS COMMISSION
AM BROADCAST STATION CONSTRUCTION PERMIT

Authorizing Official:

Official Mailing Address:

AUDACY LICENSE, LLC
2400 MARKET STREET
4TH FLOOR
PHILADELPHIA PA 19103



Son Nguyen
Supervisory Engineer
Audio Division
Media Bureau

Facility Id: 25440

Call Sign: KILT

Permit File Number: BP-20211101AAI

Grant Date: July 26, 2022

This permit expires 3:00 a.m.
local time, 36 months after the
grant date specified above.

Permit to change site and patterns using some of the existing KNTH towers.

Subject to the provisions of the Communications Act of 1934, as amended, subsequent acts and treaties, and all regulations heretofore or hereafter made by this Commission, and further subject to the conditions set forth in this permit, the permittee is hereby authorized to construct the radio transmitting apparatus herein described. Installation and adjustment of equipment not specifically set forth herein shall be in accordance with representations contained in the permittee's application for construction permit except for such modifications as are presently permitted, without application, by the Commission's Rules.

Commission rules which became effective on February 16, 1999, have a bearing on this construction permit. See Report & Order, Streamlining of Mass Media Applications, MM Docket No. 98-43, 13 FCC RCD 23056, Para. 77-90 (November 25, 1998); 63 Fed. Reg. 70039 (December 18, 1998). Pursuant to these rules, this construction permit will be subject to automatic forfeiture unless construction is complete and an application for license to cover is filed prior to expiration. See Section 73.3598.

Equipment and program tests shall be conducted only pursuant to Sections 73.1610 and 73.1620 of the Commission's Rules.

Hours of Operation: Unlimited

Average hours of sunrise and sunset:
Local Standard Time (Non-Advanced)

Jan.	7:15 AM	5:45 PM	Jul.	5:30 AM	7:30 PM
Feb.	7:00 AM	6:15 PM	Aug.	5:45 AM	7:00 PM
Mar.	6:30 AM	6:30 PM	Sep.	6:00 AM	6:30 PM
Apr.	6:00 AM	6:45 PM	Oct.	6:30 AM	5:45 PM
May	5:30 AM	7:15 PM	Nov.	6:45 AM	5:30 PM
Jun.	5:15 AM	7:30 PM	Dec.	7:15 AM	5:30 PM

Callsign: KILT

Permit No.: BP-20211101AAI

Name of Permittee: AUDACY LICENSE, LLC

Station Location: HOUSTON, TX

Frequency (kHz): 610

Station Class: B

Antenna Coordinates:

Day

Latitude: N 29 Deg 59 Min 34 Sec

Longitude: W 95 Deg 28 Min 20 Sec

Night

Latitude: N 29 Deg 59 Min 34 Sec

Longitude: W 95 Deg 28 Min 20 Sec

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

Nominal Power (kW): Day: 2.7 Night: 2.5

Antenna Mode: Day: DA Night: DA

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

Antenna Registration Number(s):

Day:

Tower No.	ASRN	Overall Height (m)
1	1039493	
2	1039494	
4	1039496	
5	1039497	
6	1039498	

Night:

Tower No.	ASRN	Overall Height (m)
1	1039493	
2	1039494	
3	1039495	
4	1039496	
5	1039497	
6	1039498	

DESCRIPTION OF DIRECTIONAL ANTENNA SYSTEM

Theoretical RMS (mV/m/km): Day: 554.3 Night: 521.282

Standard RMS (mV/m/km): Day: 582.4 Night: 547.629

Augmented RMS (mV/m/km):

Q Factor: Day: Night:

Theoretical Parameters:

Day Directional Antenna:

Tower No.	Field Ratio	Phasing (Deg.)	Spacing (Deg.)	Orientation (Deg.)	Tower Ref Switch *	Height (Deg.)
1	0.8800	135.000	0.0000	0.000	0	111.7
2	0.8650	-115.000	51.3000	340.000	0	111.7
4	0.2000	163.600	119.7000	70.000	0	111.7
5	0.4000	91.700	130.2000	93.200	0	111.7
6	1.0000	0.000	51.3000	160.000	0	111.7

* Tower Reference Switch

0 = Spacing and orientation from reference tower

1 = Spacing and orientation from previous tower

Theoretical Parameters:

Night Directional Antenna:

Tower No.	Field Ratio	Phasing (Deg.)	Spacing (Deg.)	Orientation (Deg.)	Tower Ref Switch *	Height (Deg.)
1	1.0000	0.000	0.0000	0.000	0	111.7
2	0.6800	93.500	51.3000	340.000	0	111.7
3	0.2300	125.500	130.2000	46.800	0	111.7
4	0.3350	25.500	119.7000	70.000	0	111.7
5	0.5400	-48.000	130.2000	93.200	0	111.7
6	0.9250	-131.000	51.3000	160.000	0	111.7

* Tower Reference Switch

0 = Spacing and orientation from reference tower

1 = Spacing and orientation from previous tower

Inverse Distance Field Strength:

The inverse distance field strength at a distance of one kilometer from the above antenna in the directions specified shall not exceed the following values:

Day:

Azimuth:	Radiation:	
3.5	337.4	mV/m
84	281.3	mV/m
238	214.1	mV/m

Night:

Azimuth:	Radiation:	
4	102.6	mV/m
72.5	210.6	mV/m
241.5	131.6	mV/m

Special operating conditions or restrictions:

- 1 Before program tests are authorized, sufficient data shall be submitted to show that adequate filters, traps and other equipment has been installed and adjusted to prevent interaction, intermodulation and/or generation of spurious radiation products which may be caused by common usage of the same antenna system by Stations KILT and KNTH (ID # 61174), , and there shall be filed with the license application copies of a firm agreement entered into by the two stations involved clearly fixing the responsibility of each with regard to the installation and maintenance of such equipment. In addition, field observations shall be made to determine whether spurious emissions exist and any objectionable problems resulting therefrom shall be eliminated. Following construction, and prior to authorization of program test under this grant, both stations shall each measure antenna or common point resistance and submit FCC Form 302 as application notifying the return to direct measurement of power.
- 2 The existing KNTH ground system consists of 120 buried copper radials around towers 1 through 9 extending 105.2 meters in length except where terminated by property boundaries or where intersecting radials are shortened and bonded to a transverse copper strap midway between adjacent towers, with non-intersecting radials varying in length from 74.7 meters to 105.2 meters, along with an elevated ground system with an average radius of 7.62 meters is located around the base of each tower. Towers 10 and 11 also have identical elevated ground screens bonded to intersecting straps and radials beneath.
- 3 The licensee in coordination with other users of the site must reduce power or cease operation as necessary to protect persons having access to the site, tower or antenna from radiofrequency electromagnetic fields in excess of FCC guidelines.

Special operating conditions or restrictions:

- 4 The permittee must submit a proof of performance as set forth in either Section 73.151(a) or 73.151(c) of the rules before program tests are authorized.
A proof of performance based on field strength measurements, per Section 73.151(a), shall include a complete nondirectional proof of performance, in addition to a complete proof on the (day) and (night) directional antenna system. The nondirectional and directional field strength measurements must be made under similar environmental conditions. The proof(s) of performance submitted to the Commission must contain all of the data specified in Section 73.186 of the rules.
Permittees who elect to submit a moment method proof of performance, as set forth in Section 73.151(c), must use series-fed radiators. In addition, the sampling system must be constructed as described in Section 73.151(c) (2) (i).
- 5 Permittee shall install a type accepted transmitter, or submit application (FCC Form 301) along with data prescribed in Section 73.1660(b) should non-type accepted transmitter be proposed.
- 6 A license application (FCC Form 302) to cover this construction permit must be filed with the Commission pursuant to Section 73.3536 of the Rules before the permit expires.
- 7 Licensee shall be responsible for satisfying all reasonable complaints of blanketing interference within the 1 V/m contour as required by Section 73.88 of the Commission's rules.
- 8 Operation with the facilities specified herein is subject to modification, suspension or termination without right to hearing, as may be necessary to carry out the applicable provisions of the ITU Radio Regulations, the Final Acts of the ITU Administrative Conference on Medium Frequency Broadcasting in Region 2 (Rio de Janeiro, 1981), or any bilateral or multilateral agreements(s) of the United States.

*** END OF AUTHORIZATION ***