



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

Authorizing Official:

Official Mailing Address:

CEDAR COVE BROADCASTING, INC.  
87 JASPER LAKE ROAD  
LOVELAND CO 80537

Son Nguyen  
Son Nguyen  
Supervisory Engineer  
Audio Division  
Media Bureau

Facility Id: 13790

Call Sign: KPHX

Permit File Number: BMP-20191230AAA

Grant Date: **MAR 13 2020**

The authority granted herein has no effect on the expiration date of the underlying construction permit.

This permit modifies permit no. BP-20180305AAA for drop wire antenna.

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: Daytime with Secondary nighttime

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

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

Name of Permittee: CEDAR COVE BROADCASTING, INC.

Station Location: PHOENIX, AZ

Frequency (kHz): 1480

Station Class: D

Antenna Coordinates:

Day

Latitude: N 33 Deg 23 Min 21 Sec

Longitude: W 111 Deg 59 Min 53 Sec

Night

Latitude: N 33 Deg 23 Min 21 Sec

Longitude: W 111 Deg 59 Min 53 Sec

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

Nominal Power (kW): Day: 1.0 Night: 0.033

Antenna Mode: Day: ND Night: ND

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

Antenna Registration Number(s):

Day:

Tower No.	ASRN	Overall Height (m)
1	1219664	

Night:

Tower No.	ASRN	Overall Height (m)
1	1219664	

Non-Directional Antenna: Day

Radiator Height: 40 meters; 71.1 deg

Theoretical Efficiency: 293.5 mV/m/kw at 1km

Non-Directional Antenna: Night

Radiator Height: 40 meters; 71.1 deg

Theoretical Efficiency: 293.5 mV/m/kw at 1km



## Special operating conditions or restrictions:

- 1 The permittee/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.
- 2 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.
- 3 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.
- 4 The proposed antenna ("tower #2") is a 40-m drop wire supported at an azimuth of 218-deg. true from a guy of the tower of station KSUN(AM), Phoenix, AZ, facility ID no. 21430 ("tower #1") at a distance of 22.5-m from the tower base.
- 5 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 KPHX(AM), Phoenix, AZ, facility ID 13790 and KSUN(AM), Phoenix, AZ, facility ID 21430, 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, Stations KPHX(AM), Phoenix, AZ, facility ID 13790 and KSUN(AM), Phoenix, AZ, facility ID 21430 shall each measure antenna or common point resistance.
- 6 Before program tests are authorized, permittee shall provide a non-directional partial proof of performance with sufficient data to show that the antenna pattern radiated by the drop wire (tower #2) is substantially non-directional, given the presence of the nearby supporting tower carrying ASRN 1219664 (tower #1).

Special operating conditions or restrictions:

- 7 Ground system consists of 120 equally spaced, buried, copper radials, 128 meters long about the base of the existing tower #1 (ASRN 1219664). There is also a 15-meter round ground screening around the base of the tower #1. An additional 24-meter round ground screen will be installed around the base of the proposed tower #2 (drop wire) with a tuning network for additional grounding.

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