United States of America

FEDERAL COMMUNICATIONS COMMISSION

AM BROADCAST STATION CONSTRUCTION PERMIT

Official Mailing Address:

UNIVERSAL MEDIA ACCESS KKDZ-AM LLC
726 EXCHANGE STREET
SUITE 410
BUFFALO NY 14210

Authorizing Official:

Son Nguyen
Supervisory Engineer
Audio Division
Media Bureau

Grant Date: JUN 15 2017

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

Facility Id: 12112

Call Sign: KKDZ

Permit File Number: BP-20170131ABC

Permit to change nighttime site, antenna system, and co-locate with station KXPA, with no change to share time agreement with KWSU.

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.	8:00 AM	4:45 PM	Jul.	4:30 AM	8:00 PM
Feb.	7:15 AM	5:30 PM	Aug.	5:00 AM	7:30 PM
Mar.	6:30 AM	6:15 PM	Sep.	5:45 AM	6:30 PM
Apr.	5:15 AM	7:00 PM	Oct.	6:30 AM	5:30 PM
May	4:30 AM	7:45 PM	Nov.	7:15 AM	4:30 PM
Jun.	4:15 AM	8:15 PM	Dec.	7:45 AM	4:15 PM

Name of Permittee: UNIVERSAL MEDIA ACCESS KKDZ-AM LLC

Station Location: SEATTLE, WA

Frequency (kHz): 1250

Station Class: B

Antenna Coordinates:

		Day				
Latitude:	N	47	Deg	33	Min	49 Sec
Longitude:	W	122	Deg	21	Min	35 Sec

		Night				
Latitude:	N	47	Deg	35	Min	29 Sec
Longitude:	W	122	Deg	10	Min	56 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: 3.6

Antenna Mode: Day: ND Night: DA

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

Antenna Registration Number(s):

Day:

Tower No.	ASRN	Overall Height (m)
1	1033409	

Night:

Tower No.	ASRN	
1	None	50.3
2	None	50.3
3	None	50.3

DESCRIPTION OF DIRECTIONAL ANTENNA SYSTEM

Theoretical RMS (mV/m/km): Night: 597.4

Standard RMS (mV/m/km): Night: 627.7

Augmented RMS (mV/m/km):

Q Factor: Night:

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	73.2
2	0.5300	-129.000	73.2000	276.000	0	73.2
3	0.5300	129.000	73.2000	96.000	0	73.2

* Tower Reference Switch
0 = Spacing and orientation from reference tower
1 = Spacing and orientation from previous tower

Non-Directional Antenna: Day

Radiator Height: 64 meters; 96 deg

Theoretical Efficiency: 310.6 mV/m/kw at 1km

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:

Night:

Azimuth:	Radiation:	
31.5	23	mV/m
80	23	mV/m
112	23	mV/m
160.5	23	mV/m

Special operating conditions or restrictions:

1 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 (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).

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 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.

5 Daytime site ground system consists of 120 equally spaced, buried, copper radials varying between 54.9 and 64 meters in length, except where crossing 21st Avenue where spacing is 15 degrees apart, plus 120 interspersed radials between 30.5 meters and 45.7 meters in length, about the base of the tower.

6 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 KKDZ and KXPA (ID# 11752), 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.

Special operating conditions or restrictions:

7 Prior to construction of the tower authorized herein, permittee shall notify AM Stations KIXI (ID#4629) and KKNW (ID#57834) so that, if necessary those AM stations: may determine operating power by a method described in Section 73.51(a)(1) or (d), and/or request temporary authority from the Commission in Washington, D.C. to operate with parameters at variance in order to maintain monitoring point field strengths within authorized limits. Permittee shall be responsible for installation and continued maintenance of detuning apparatus necessary to prevent adverse effects upon the radiation pattern of the AM station. Both prior to construction of the tower and subsequent to the installation of all appurtenances thereon, a partial proof of performance, as defined by Section 73.154(a) of the Commission's Rules, shall be conducted to establish that the AM arrays have not been adversely affected and prior to or simultaneous with the filing of the application for license to cover this permit, the results submitted to the Commission.

8 Nighttime site ground system consists of 120 equally spaced, buried, copper radials, each 48.8 meters in length except where intersecting radials are shortened and bonded to a transverse copper strap midway between adjacent towers, plus a copper ground screen 7.3 meters square, about the base of each tower.

9 As shown on BL-20071004ADZ, this authorization allows KKDZ(AM) to operate with a 5 kW non-directional and a 5 kW directional pattern on a share-time basis with KWSU, (ID# 71025), 1250 kHz, Pullman, Washington. Under the share-time agreement, KKDZ operates using the daytime site non-directional antenna system from 12:00 A.M. to sunset, at which time KKDZ employs the nighttime site 5 kW directional antenna pattern to afford protection to KWSU until KWSU signs off at 12:00 A.M. (midnight).

*** END OF AUTHORIZATION ***