

KLEIN BROADCAST ENGINEERING, L.L.C.

dedicated to improving the science and technology of radio & television communications

APRIL 2010

**FCC FORM 302-FM APPLICATION
for
STATION LICENSE TO COVER CONSTRUCTION PERMIT
AUXILIARY TRANSMISSION SYSTEM
FCC File# BXPED-20100301ABJ
MARICOPA COUNTY COMMUNITY COLLEGE DISTRICT
K J Z Z (FM)
(FCC FACILITY ID# 40095)
FM CHANNEL 218 C / 91.5mHz.
PHOENIX, ARIZONA**

INTRODUCTION and ENGINEERING STATEMENT

The firm of Klein Broadcast Engineering, L.L.C, has been retained by the licensee of KJZZ(FM), to prepare the engineering calculations and exhibits required by FCC Form 302-FM, an application for FM Broadcast Station License for Auxiliary Facility.

The specifications of the facility are as follows:

Summary of Proposed Operation:

Geographic Location Coordinates:	NL:33-19-58 / WL:112-03-53 (NAD-27)
Effective Radiated Power	10.0 kW H & V
Antenna Height Above Average Terrain	456 meters H & V
Antenna Radiation Center Above Mean Sea Level	823 meters H & V
Antenna Radiation Center Above Ground Level	26 meters H & V

Antenna Support Structure Overall Height AGL	74 meters
Antenna Structure Registration Number: (ASR#)	1003590

These specifications are exactly as specified in the existing station's FCC FM Broadcast Station License, FCC File Number BXPED-20100301ABJ.

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INTRODUCTION and ENGINEERING STATEMENT cont'd page two: KJZZ(FM)

The reason for filing the instant application with the Commission is the applicant is filing for a Station License to cover the outstanding construction permit, FCC File Number: BXPED-20100301ABJ.

Engineering Exhibit E-1 is a copy of the existing KJZZ(FM), FM Broadcast Station Construction Permit, FCC File Number BXPED-20100301ABJ. It is included herein as an aid to Commission staff processing this instant application.

SPECIAL OPERATING CONDITIONS or RESTRICTIONS

There were two Special Operating Conditions or Restrictions on the above captioned FCC FM Broadcast Station Construction Permit. They are addressed as follows:

Special Operating Condition or Restriction #1

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.

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Answer To Special Operating Condition or Restriction #1

The permittee/licensee in coordination with other users of the site will 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 Condition or Restriction #2

Warning signs which describe the radiofrequency electromagnetic field hazard must be posted at appropriate intervals. Access must be restricted to prevent the exposure of humans to RF emissions in excess of FCC Guidelines (OET Bulletin #65, Edition 97-01, released August 1997). Permittee shall submit documentation of compliance with this special operating condition when filing FCC Form 302-FM, application for license.

Answer To Special Operating Condition or Restriction #2

The permittee/licensee has verified that warning signs that describe the radiofrequency hazard have been installed and posted at appropriate intervals along the entire site perimeter fence. The site access is restricted. There are two site access locations with locked gates at each location and warning signs posted at each gate location. The main access location to the site has two electrically operated gates that require scanning of a City of Phoenix, Arizona, issued magnetic pass key or authorized persons are provided with a four digit pass code to be manually entered on each of two key pads to operate the two restrictive gates at this main site access location. The fencing around the perimeter of the site as well as the access gates are in excess of 7 feet tall. The preceding documentation demonstrates the site is restricted to the general public and therefore the general public will have no access to this site.

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INTRODUCTION and ENGINEERING STATEMENT cont'd page four: KJZZ(FM)

All terms and conditions of the underlying FCC FM Broadcast Station Construction Permit, FCC File Number: BXPED-20100301ABJ, have been met and the facility have been constructed under the terms and condition set forth. Therefore, the permittee/licensee/application requests the Commission consider and grant this FCC Form 302-FM application for Station License To Cover the FCC FM Broadcast Station Construction Permit captioned above.

Respectfully submitted,

Elliott Kurt Klein,
Consulting Broadcast Engineer

24 April 2010

United States of America



**FEDERAL COMMUNICATIONS COMMISSION
FM BROADCAST STATION CONSTRUCTION PERMIT
AUXILIARY ANTENNA**

Authorizing Official:

Official Mailing Address:

MARICOPA COUNTY COMMUNITY COLLEGE DISTRICT
2323 W. 14TH STREET
TEMPE AZ 85281

Rodolfo F. Bonacci
Assistant Chief
Audio Division
Media Bureau

Facility ID: 40095

Grant Date: March 04, 2010

Call Sign: KJZZ

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

Permit File Number: BXPED-20100301ABJ

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.

Name of Permittee: MARICOPA COUNTY COMMUNITY COLLEGE DISTRICT

Station Location: AZ-PHOENIX

Frequency (MHz): 91.5

Channel: 218

Class: C

Hours of Operation: Unlimited -- For auxiliary purposes only

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

Transmitter output power: As required to achieve authorized ERP.

Antenna type: Non-Directional

Antenna Coordinates: North Latitude: 33 deg 19 min 58 sec
 West Longitude: 112 deg 03 min 53 sec

	Horizontally Polarized Antenna	Vertically Polarized Antenna
Effective radiated power in the Horizontal Plane (kW):	10.0	10.0
Height of radiation center above ground (Meters):	26	26
Height of radiation center above mean sea level (Meters):	823	823
Height of radiation center above average terrain (Meters):	456	456
Antenna structure registration number: 1003590		

Overall height of antenna structure above ground (including obstruction lighting if any) see the registration for this antenna structure.

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 Warning signs which describe the radiofrequency electromagnetic field hazard must be posted at appropriate intervals. Access must be restricted to prevent the exposure of humans to RF emissions in excess of the FCC guidelines (OET Bulletin 65, Edition 97-01, released August 1997). Permittee shall submit documentation of compliance with this special operating condition when filing FCC Form 302, application for license

*** END OF AUTHORIZATION ***