

KLEIN BROADCAST ENGINEERING, L.L.C.

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

JANUARY 2010

**FCC FORM 350 APPLICATION
for
STATION LICENSE**

**FCC File# BPFTB-200907291ABY
HUTTON BROADCASTING, L.L.C.
K L B U – F M 1
(FCC FACILITY ID# 136434)
FM CHANNEL 275 DB / 102.9mHz.
SANTA FE, NEW MEXICO**

INTRODUCTION and ENGINEERING STATEMENT

The firm of Klein Broadcast Engineering, L.L.C, has been retained by the licensee/permittee of KLBU-FM1 FM Booster Station, to prepare the engineering calculations and exhibits required by FCC Form 350, an application for FM Broadcast Booster Station License for the Booster Transmission Facility authorized in FCC FM Broadcast Booster Station Construction Permit, file number, BPFTB-20090729ABY.

The specifications of the facility are as follows:

Summary of Proposed Operation:

| | | |
|--|-------------|------------|
| Effective Radiated Power | 2.4 kW | V Pol only |
| Antenna Radiation Center Above Ground Level | 24 meters | V Pol only |
| Antenna Radiation Center Above Mean Sea Level | 2145 meters | V Pol only |
| Overall Height of Antenna Structure Above Ground | 60.6 meters | |
| Antenna Structure Registration Number: (ASR#) | 1224069 | |
| Transmitter Power Output: | 0.59 kW | |

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INTRODUCTION and ENGINEERING STATEMENT cont'd page two: KLBU-FM1

The reason for filing the instant application with the Commission is the Booster Station Facility authorized by FCC FM Broadcast Booster Station Construction Permit, BPFTB-20090729ABY, is ready to commenced operations. The instant application is being filed for Program Test Authority and a Station License to cover the outstanding FCC construction permit captioned above. The facility for KLBU-FM1 FM Broadcast Booster Station was built in accordance with the terms and specifications of the issued construction permit.

The transmitter power output (TPO) is specified at 0.59 kilowatts to achieve the authorized Effective Radiated Power of 2.4kW. The antenna system power gain is 7.0 for the installed and authorized Kathrein/Scala model CL-FM Directional Antenna Vertical Polarized Array.

Engineering Exhibit E-1 is a copy of the existing KLBU-FM1, FM Broadcast Booster Station Construction Permit, FCC File Number BPFTB-20090729ABY. It is included herein as an aid to Commission staff processing this instant application. The permit listed three Special Operating Conditions or restrictions. Those Operating Conditions or Restrictions are addressed and answered below.

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INTRODUCTION and ENGINEERING STATEMENT cont'd page three: KLBU-FM1

SPECIAL OPERATION CONDITIONS or RESTRICTIONS #1

The permittee/licensee in coordination with other users of the site must reduce power or cease operations as necessary to protect persons having access to the site, tower, or antenna from radiofrequency electromagnetic radiation fields in excess of FCC guidelines.

ANSWER to SPECIAL OPERATING CONDITION or RESTRICTION #1.

The applicant/licensee in coordination with other users of the site, will reduce power or completely cease operations to protect as necessary to protect persons having access to the site, tower, or antenna from being exposed to radiofrequency electromagnetic radiation fields in excess of FCC guidelines.

SPECIAL OPERATION CONDITIONS or RESTRICTIONS #2

Prior to commencing program test operations, FM translator or FM Booster permittee must have on file at the Commission, FCC Form 350, Application for an FM Translator or FM Booster Station License, pursuant to 47 C.F.R. Section 74.14

ANSWER to SPECIAL OPERATING CONDITION or RESTRICTION #2.

This FCC Form 350 Application is being filed to comply with Special Operating Condition or Restriction Number #2. It is therefore assumed the applicant/licensee had properly complied with this condition.

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SPECIAL OPERATION CONDITIONS or RESTRICTIONS #3

Warning signs which describe the radiofrequency radiation 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 (O.E.T. Bulletin 65, Edition 97-01, released August 1997)

Permittee shall submit compliance documentation of compliance with this special operation condition when filing FCC Form 350, application for license.

ANSWER to SPECIAL OPERATING CONDITION or RESTRICTION #3.

The applicant has posted five warning signs the describe the radiofrequency radiation hazard to humans. The warning signs are posted at eye level, approximately five feet above ground level on the chain-link perimeter site fence and on the three other sides of the rectangular shape fence. The fifth sign is posted on the transmitter equipment building the contains this stations transmitting equipment. The signs are commercially made and are the normal, yellow, black and white colors. Site access is restricted by a seven foot high locked chain-link fence with razor wire coiled at the top of the fence. The fence is around the entire perimeter of the site including the tower base and all equipment buildings and equipment shelters. This will prevent general public access to the tower base or actual site plot.

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INTRODUCTION and ENGINEERING STATEMENT cont'd page five: KLBU-FM1

The instant application requests the Commission grant a new station license for FM Broadcast Booster Station KLBU-FM1, as specified herein. The applicant, Hutton Broadcasting, L.L.C, respectfully requests the Commission staff consider and grant the instant application for the facilities requested.

Respectfully submitted,

Elliott Kurt Klein,
Consulting Broadcast Engineer

20 January 2010

EXHIBIT E-1

United States of America



**FEDERAL COMMUNICATIONS COMMISSION
FM BROADCAST TRANSLATOR/BOOSTER STATION
CONSTRUCTION PERMIT**

Authorizing Official:

Official Mailing Address:

HUTTON BROADCASTING, LLC
C/O TED HUTTON
221 SEABREEZE COURT
VERO BEACH FL 32963

James D. Bradshaw
Deputy Chief
Audio Division
Media Bureau

Facility Id: 136434

Call Sign: KLBU-FM1

Permit File Number: BPFTB-20090729ABY

Grant Date: August 04, 2009

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

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.

Name of Permittee: HUTTON BROADCASTING, LLC

Principal community to be served: NM-SANTA FE

Primary Station: KLBU (FM) , Channel 275, PECOS, NM

Via: Microwave

Frequency (MHz): 102.9

Channel: 275

Hours of Operation: Unlimited

Antenna Coordinates: North Latitude: 35 deg 41 min 20 sec
West Longitude: 105 deg 58 min 42 sec

Transmitter: Type Accepted. See Sections 73.1660, 74.1250 of the Commission's Rules

Antenna type: (directional or non-directional): Directional

Major lobe directions 135
(degrees true):

Horizontally Polarized Antenna:
Vertically Polarized Antenna:

Effective radiated power in the Horizontal Plane (kw): 2.4
Height of radiation center above ground (Meters): 24
Height of radiation center above mean sea level (Meters): 2145

Antenna structure registration number: 1224069

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 Prior to commencing program test operations, FM Translator or FM Booster permittee must have on file at the Commission, FCC Form 350, Application for an FM Translator or FM Booster Station License, pursuant to 47 C.F.R. Section 74.14.
- 3 Warning signs which describe the radiofrequency radiation 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 operation condition when filing FCC Form 350, application for license.

*** END OF AUTHORIZATION ***