

# ***KLEIN BROADCAST ENGINEERING, L.L.C.***

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

**NOVEMBER 2003**

**FCC FORM 302-FM APPLICATION  
for  
STATION LICENSE to COVER CONSTRUCTION PERMIT  
FCC File # BPH-20010919AAF  
AGM-ROCKY MOUNTAIN BROADCASTING I, L.L.C.  
K I D N (FM)  
FM CHANNEL 240 C3 / 95.9mHz.  
HAYDEN , COLORADO**

## **INTRODUCTION and ENGINEERING STATEMENT**

The firm of Klein Broadcast Engineering, L.L.C, has been retained by the licensee of KIDN(FM), Basalt, Colorado, to prepare the engineering calculations and exhibits required by FCC Form 302-FM, an application for FM Broadcast Station License to cover the above captioned outstanding construction permit.

The specifications of the facility are as follows:

### Summary of Proposed Operation:

Effective Radiated Power	6.0 kW	H & V
Antenna Height Above Average Terrain	198 meters	H & V
Antenna Radiation Center Above Mean Sea Level	2252 meters	H & V
Antenna Radiation Center Above Ground Level	33 meters	H & V

These specifications are exactly as specified in the station's FCC Construction Permit, FCC File Number BPH-20010919AAF.

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### **INTRODUCTION and ENGINEERING STATEMENT** cont'd page two: KIDN(FM)

The valid construction permit has two "Special Operating Conditions or Restrictions." They are addressed below.

### **SPECIAL OPERATING CONDITIONS or RESTRICTIONS**

1. Permittee has specified use of the antenna listed below to demonstrate compliance with the FCC radiofrequency electromagnetic field exposure guidelines. If any other type or size of antenna is to be used with the facilities authorized herein, THE AUTOMATIC PROGRAM TEST PROVISIONS OF 47 C.F.R. 73.1620 WILL NOT APPLY. In this case, a FORMAL REQUEST FOR PROGRAM TEST AUTHORITY must be filed in conjunction with FCC Form 302-FM, application for license, BEFORE program tests will be authorized. This request should be made at least 10 days prior to the date on which program tests are desired to commence. The request must include a revised RF field showing to demonstrate continued compliance with the FCC guidelines.

Documentation demonstrating compliance with the FCC radiofrequency field exposure guidelines may be submitted in advance of the filing of FCC Form 302-FM. The Commission's staff will review it for compliance and respond by letter stating whether automatic PTA has been reinstated.

EPA type three, six sections

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**ANSWER to SPECIAL OPERATING CONDITION #1.**

The applicant and permittee has installed the antenna type and model specified in its original FCC Form 301 application. The antenna employed in an Electronics Research, Inc., model LPX6-C, center fed, six section, full wavelength spaced, E.P.A. Type 3 (three) FM broadcast antenna and is the same type listed in Special Operating Condition or Restriction #1., therefore the provisions of 47 C.F.R. 73.1620 apply.

**SPECIAL OPERATING CONDITION or RESTRICTION #2.**

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.

**ANSWER to SPECIAL OPERATING CONDITION #2.**

The permittee/licensee will comply with the above captioned Special Operating Condition.

Exhibit E-1 is a copy of the FCC Construction permit, FCC File Number, BPH-20010919AAF for station KIDN and is included herein as a courtesy to Commission staff to aid in the processing of this FCC Form 302-FM application.

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

The applicant, AGM-Rocky Mountain Broadcasting I, L.L.C., respectfully requests the Commission staff consider and grant the instant application for the facilities requested herein.

Respectfully submitted,

Elliott Kurt Klein  
Consulting Broadcast Engineer

12 November 2003