

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

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

**DECEMBER 2005**

**FCC FORM 350 APPLICATION  
for  
STATION LICENSE to COVER CONSTRUCTION PERMIT  
FCC File Number: BNPFT-20030822AAP  
K247AP  
FCC FACILITY ID# 151696  
FM Broadcast Translator Station  
FM Channel 247  
STEAMBOAT SPRINGS , COLORADO**

## **INTRODUCTION and ENGINEERING STATEMENT**

The applicant, Skandia, L.L.C., has retained the firm of Klein Broadcast Engineering, L.L.C., to prepared the technical portion of FCC Form 350, an application for Station License.

The facility requested is as follows:

Operation on FM Channel 247 at NL: 40 – 27 – 43 / WL: 106 – 50 – 58 (NAD-27)

NON-Directional Antenna: ERI LPX-1E

Effective Radiated Power: Horizontal & Vertical Polarization 0.013kW

Antenna Radiation Center Above Ground Level: 24.0 meters

Antenna Radiation Center Above Mean Sea Level: 2540.0 meters

Overall Height of Antenna Structure: (see ASR# 1023535)

There were two Special Operating Conditions placed on the above captioned construction permit. The two conditions will be addressed within this Engineering Statement.

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**Special Operating Condition #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.**

**ANSWER TO CONDITION #1. The applicant will cooperate with all site users to protect persons having access to the site, tower or antenna from radiofrequency electromagnetic fields in excess of FCC guidelines.**

**Special Operating Condition #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 CONDITION #2. This application is being filed to comply with the above captioned Special Condition.**

**Exhibit E-1 is a copy of the underlying FCC FM Broadcast Translator Station Construction Permit, File Number: BNPFT-20030822AAP. It is included herein as a courtesy to aid the Commission's staff in the processing of the FCC Form 350 Application.**

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**The applicant having complied with the exact terms and Special Operating Conditions described in the underlying FCC Construction Permit requests the Commission consider this application and GRANT the application for Program Test Authority and for a Station License to cover the outstanding construction permit.**

**Respectfully submitted,**

**Elliott Kurt Klein, Consulting Broadcast Engineer**

**29 December 2005**