

EXHIBITS 6 & 7
APPLICATION FOR CONSTRUCTION PERMIT

Applicant	MICHAEL MINTZ
Facility ID #	131137
File #	BNPTTL-20000829AWQ
Location	BILLINGS, MT
Channel	69+

This Technical Exhibit is attached to FCC Form 346 in support of Applicant's request for a construction permit for the Low Power Television Station referenced above. This application has been designated as a Singleton pursuant to a letter dated January 15, 2004, from the Commission.

The proposed station is designed as follows:

Frequency Offset:	PLUS OFFSET
Antenna radiation center height above ground level:	110 meters
Maximum effective radiated power:	14.16 KW
Antenna type and model #:	Scala 4DR-16-4HO
Orientation:	Nondirectional
Coordinates:	45-45-59 N 108-27-21 W
FCC Tower Registration No.:	1002037

A study has been conducted using the provisions of sections 74.703, 74.705, 74.706, 74.707, and 74.709 which indicates that the proposal will not create prohibited interference with other existing or proposed NTSC full power, DTV, Land Mobile, Class A or LPTV facilities. The conclusion that no prohibited interference will be created by this Minor modification is reached without reliance on the provisions of the OET-69 Bulletin and based upon contour spacing requirements.

Environmental Considerations

The proposed LPTV CH 69 facilities were evaluated in terms of potential radiofrequency radiation (RFR) exposure at ground level at the base of the tower in accordance with OET Bulletin No. 65, "Evaluating Compliance With FCC-Specified Guidelines for Human Exposure to Radiofrequency Radiation." The calculated power density at the base of the tower was calculated using the appropriate equation on Page 13 of the Bulletin. Using a greater than expected vertical relative field value of 0.2, a maximum visual effective radiated power of 14.16 kilowatts and 10 percent aural power, the calculated power density at 2 meters above ground level at the base of the tower is .020 milliwatt per square centimeter (MW/CM²), or 3.7 percent of the Commission's recommended limit applicable to general population/uncontrolled exposure areas (.534 MW/CM² for TV channel 69). However, as this is a multi-user site, measurements will be made to substantiate compliance with the RF emission rules.

Access to the transmitting site will be restricted and appropriately marked with warning signs. Furthermore, as this is a multi-user site, an agreement will be in effect in the event that workers or other authorized personnel enter the restricted area or climb the tower to ensure that appropriate measures will be taken to assure worker safety with respect to radio frequency radiation exposure. Such measures include reducing the average exposure by spreading out the work over a longer period of time, wearing "accepted" RFR protective clothing and/or RFR exposure monitors or scheduling work when the stations are at reduced power or shut down.

In addition, it appears that the existing tower is otherwise excluded from environmental processing as it complies with all the criteria for such an exclusion in Section 1.1306.