





### **License Heights**

The heights shown on the license also need to be corrected as follows:

	<b><u>Corrected</u></b>	<b><u>Licensed</u></b>
Antenna Height Above Average Terrain	148m	---
Antenna Height Above Mean Sea Level	524m	532m
Antenna Height Above Ground Level	108m	0m

### **Antenna and ERP**

The antenna and ERP remain the same as in the original license. The antenna (an "off the shelf" model) is a Bogner B16UB that has a rotation of 330°. The ERP is 35.7 kW maximum.

### **Interference and Canadian Issues**

The above corrections lower the antenna center of radiation (from 532m to 524m) and slightly change the coordinates (one second in each direction). The ERP remains the same as in the original license. It is therefore apparent that any signal directed towards Canada would be reduced and that there would also be no new interference to any domestic stations.

### **Environmental/RFR**

This construction does not involve any of the conditions that require an Environmental Assessment as specified in 47 CFR Section 1.1311; therefore, further consideration is not required.

The additional ground level RFR contributed to the site by this proposal in public areas is calculated to be 0.000747 mW/cm<sup>2</sup>, which is less than 1% of the MPE for public exposure

**B**

(0.447 mW/cm<sup>2</sup>) at the proposed frequency and, therefore, the proposal is excluded from further consideration.

OSU agrees to comply with the Commission's requirements regarding power adjustments or cessation of operation as may be necessary to ensure a compliant environment for worker access. Workers will also be encouraged to wear personal RFR monitors when on the structure. A locked security fence encloses the tower base and appropriate signage warning of RFR hazards is in place.

**Certification**

I hereby certify that the foregoing report or statement was prepared by me but may include work performed by others under my supervision or direction. The statements of fact contained therein are believed to be true and correct based on personal knowledge, information and belief unless otherwise stated; with respect to facts not known of my own personal knowledge, I believe them to be true and correct based on their origin from sources known to me to be generally reliable and accurate. I have prepared this document with due care and in accordance with applicable standards of professional practice.



John F.X. Browne, P.E.

May 3, 2005