

# Radiotechniques

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## Exhibit 10A (New) Broadcast Facility (Night) WHLM, Bloomsburg, PA April 2002

This exhibit is to specify the Class D night facilities for WHLM. The applicant and its consulting engineer believed that specifying Class D and Unlimited in the application would result in the FCC automatically assigning night facilities as permitted for the class using the day antenna. This belief was in error, and the full description of the night facilities is attached.

This proposal requests night operation as a class D station with night power reduced to 18 Watts, using the daytime antenna of the station. Principal community coverage is not required.

The antenna tower is protected from approach and is properly marked to limit exposure of humans to nonionizing radio frequency fields at the much higher power level for daytime operation, and therefore complies with this environmental requirement. No new construction is proposed.

At 18 Watts, the 1.0 V/m contour cannot be drawn on a map, as it is entirely contained within the antenna ground system and guy wires.

WHLM is licensed with 23 Watts using an 89.9 degree tall tower without toploading from a location 362.3 km from WBEN. The new authorized day site utilizes a 67 degree tower with 20 degrees of toploading located 360.6 km from WBEN. A full analysis of this allocations situation is shown on Exhibit 15 figure 1. The requested 18 Watt night power is more than 10% less than the present limit to WBEN, thereby complying with FCC Rules §73.182(q) note 2. The facilities requested in this application do not enter into the 50 % limit of any foreign station nor the 25% limit of any other domestic station.