



Engineering Report

Vernal Enterprises, Inc.
WHPA – Gallitzin, PA

This consultant has been retained by Vernal Enterprises, Inc. (Vernal) licensee of WHPA (FM) now of Gallitzin, PA, for the purpose of preparing the technical portion of Form 301 in application for a modification to the presently licensed WHPA (FM) facilities. Specifically, Vernal proposes to change the city of license from Barnseboro, PA to Gallitzin, PA as ordered in the report and order associated with MB Docket 05-103, RM-11205. Vernal further specifies a new tower site, a new tower height, a change in HAAT, and a change in ERP.

Proposed Operation

The FAA was notified of the proposed tower construction and has issued a No Hazard determination in response. The proposed WHPA (FM) tower is registered and carries the registration number 1248976. The proposed WHPA (FM) operation is also fully compliant with the principal community coverage requirements as set forth in 47 CFR 73.315. Exhibit 1 of this report is a digitally generated map which shows the predicted 60 dBu and 70 dBu service contours of the WHPA (FM) operation as well as the corporate boundaries of Gallitzin, PA. As shown in Exhibit 1, the entire city of Gallitzin receives a predicted signal well in excess of 70 dBu. A full search of the Commission's CDBS database has been performed which shows that the proposed WHPA (FM) operation is fully spaced, as a Class A operation, under the provisions of 47 CFR 73.207. A copy of that study is included in this report as Exhibit 2. The proposed tower site is well above average terrain and, as such, the ERP of the proposed operation was reduced from 6.0 kW to 1.25 kW, rounded from 1.234 kW in accordance with 47 CFR 73.212, so as to match the distance to the 60 dBu contour of a model 6.0 kW at 100 meter HAAT Class A facility.

Environmental Issues

Exhibit 3 of this report is an analysis of Non Ionizing RF Radiation which demonstrates that the proposed operation will pose no environmental risk to persons at ground level outside of the fence which surrounds the tower base.

Certification

All information in this report and its associated exhibits is true and accurate to the best of my belief. Having had numerous matters before the Commission, my qualifications are a matter of record.

November 30, 2005

Date

R. Lee Wheeler

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