

FCC Form 349 – Attachment to Exhibit 16
William Cornwall – Hudson, Wisconsin
File No. BNPFT-20030314AQA
August 27, 2003

Operation of the proposed translator described in the instant application will meet applicable RF requirements, will not exceed maximum permissible radio frequency electromagnetic exposure limits for humans in either the General Population/Uncontrolled or Occupational/Controlled groups, and will not adversely affect the environment.

Applicant has examined the eight environmental criteria outlined in 47 CFR Section 1.1307(a) and provides an answer of “no” to each of the scenarios presented therein.

General Population/Uncontrolled

The maximum allowable RF exposure to members of this group is 200 uw/cm². [47 CFR Section 1.1310]. Applicant calculates that less than 10 uw/cm² of RF energy will radiated upon any person on the ground below or near the Applicant's tower.

This predicted exposure was reached by utilizing the FCC's “FM Model” software. Accordingly, no exposure in excess of allowable limits to members of the General Population/Uncontrolled group will occur. Also, Applicant cites the fact that the tower will be located in an area surrounded completely by private property with no public access, and that it will post a sign at the base of the tower warning of the hazards of RF exposure as additional measures that will guard against possible RF exposure to the general population.

Occupational/Controlled

The maximum allowable RF exposure to members of this group is 1000 uw/cm². [47 CFR Section 1.1310]. Given that the predicted level of RF exposure resulting from operation of the proposed translator is less than 10 uw/cm², as described above, no exposure to members of the Occupation/Controlled group in excess of allowable limits will occur. In addition, Applicant shall cause the translator to leave the air by turning off all equipment thereby ceasing any RF radiation during maintenance on the tower or other periods during which work is being performed. Because the proposed translator will be the only broadcast facility on the tower from which transmission will occur, and since there are no other communications towers in the nearby vicinity, members of the Occupational/Controlled group will be wholly protected from exposure. The necessity to coordinate the reduction of power or ceasing of operations with other broadcast facilities is thereby also eliminated.

47 CFR Section 2.1093 does not apply to the instant application since proposed operations will not involve handheld devices.