

**ENGINEERING STATEMENT & ENVIRONMENTAL ANALYSIS CONCERNING
PROPOSED WKSE(FM) AUXILIARY ANTENNA TO BE LOCATED ON
WBEN(AM) SOUTHWEST TOWER FACILITY ID 34384 NIAGRA FALLS, NEW YORK
FEBRUARY 2020**

SUMMARY

This application is submitted on behalf of Entercom license, LLC for the purpose of requesting a construction permit for new auxiliary facility utilizing facilities previously authorized under BSTA-20170912ACE. This facility will provide WKSE with greatly improved auxiliary facilities. Figure 1 depicts the WKSE Main and proposed auxiliary 60 dBu F(50,50) contours.

The WKSE antenna is located on the southwest tower of the WBEN(AM) two tower directional array. WBEN has been operating with parameters at variance under STA BESTA-20190729AAZ. Entercom plans to license WBEN using the Method of Moments procedure.

The proposed antenna system consists of an ERI SHPX 3 bay, full wave spaced, FM antenna. Utilizing the FCC Online FM-Model calculator for an ERP of 23 kW H&V, RC 134 meters AGL on CH 253 the maximum power density occurs 66.3 meters from the tower base where the power density is 9.2 microwatts per centimeter. This value is 4.6% of the public exposure guideline.

The applicant will reduce power or cease transmission as required to meet FCC OET-65 worker exposure guidelines.

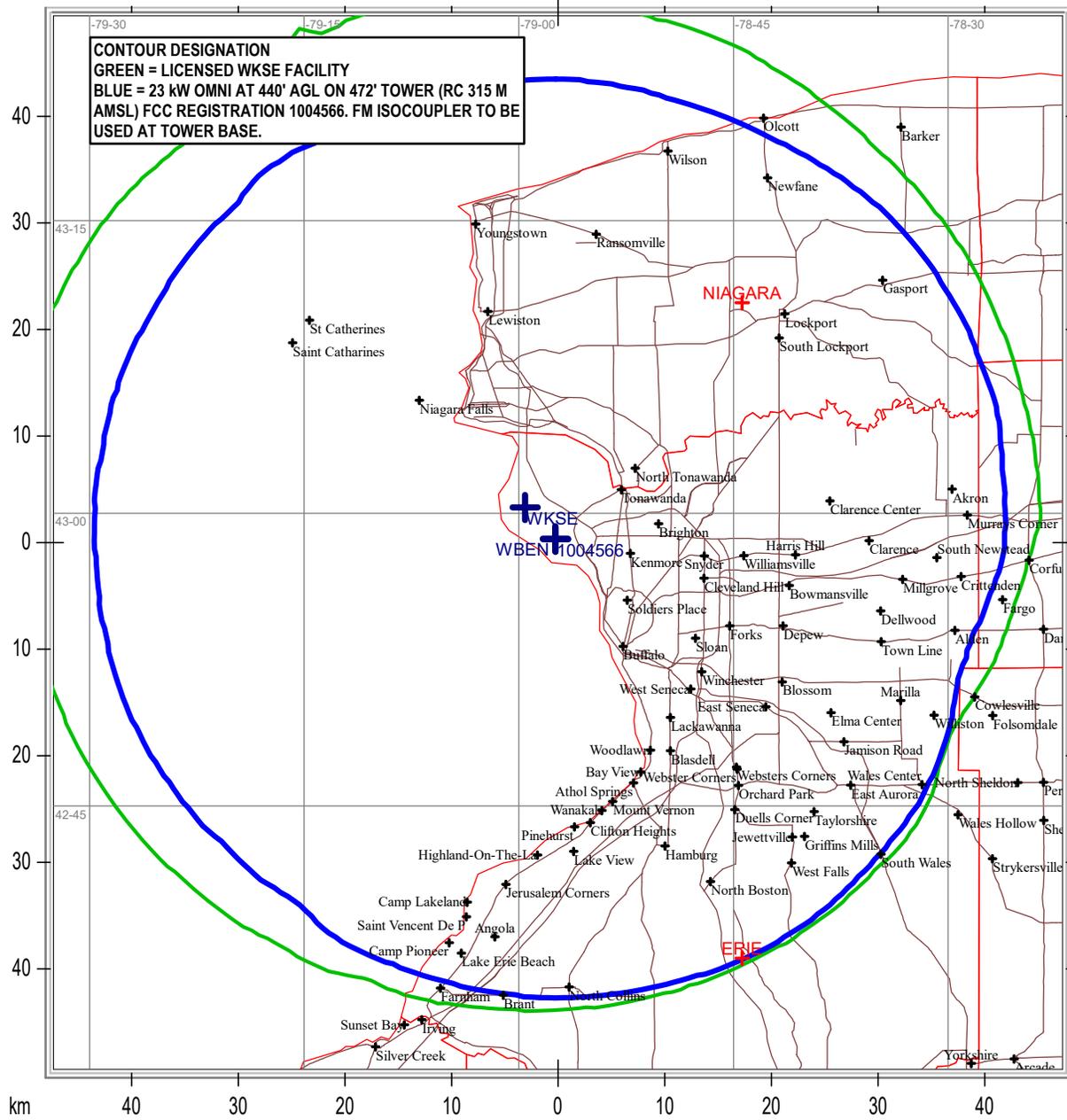
The proposed transmitting location is at an existing site with, buildings, access road and power.

The foregoing was prepared on behalf of Entercom License, LLC by Clarence M. Beverage of Communications Technologies, Inc., Marlton, New Jersey, whose qualifications are a matter of record with the Federal Communications Commission. The statements herein are true and correct of his own knowledge, except such statements made on information and belief, and as to these statements she believes them to be true and correct.



Clarence M. Beverage
for Communications Technologies, Inc.
Marlton, New Jersey
February 1, 2020

WKSE CH 253B NIAGARA FALLS, NY AUXILIARY FM ON #1 WEST TOWER OF WBEN(AM) BUFFALO, NY



Communications Technologies, Inc. Marlton, New Jersey

█ County Borders
 █ Highways
 █ Lat/Lon Grid