

Purpose of Application Minor Change in construction permit WEIL-LP LPTV.**Environmental Considerations**

The proposed Channel 45+ facilities were evaluated in terms of potential radiofrequency radiation (RFR) exposure at ground level at the base of the tower in accordance with OET Bulletin No. 65, "Evaluating Compliance With FCC-Specified Guidelines for Human Exposure to Radiofrequency Radiation."

The following Technical parameters were used:

Callsign : WEIL-LP (new site)

Coordinates: 39-57-03.0 N, 88-52-05.0 W (nad 84)

Tower ASR # : 1057485

Comments: Side Mount antenna Dielectric TLP-A 16L16010 (C)

Channel : 45 +

Frequency (MHz): 657.26000

Elevation(m): 209.00 Tower COR AGL (m): 289.5

ERP(w): 150000

TX power (w): 9 Gain(dB): 12.04

City/State: Oreana, IL

Licensee : Believers Broadcasting Corporation

ARN: : BLTTL-20031114ABZ (Construction permit)

The existing tower ASR # 1057485 is not currently hosting any other FCC licensed FM, DTV, NTSC, LPTV stations. There is one minor 2 way radio but the power levels and elevation negate its effects. The calculated unsafe distance for Human expose according to OET69 Supplement "A" using the worst case Numbers From page 35 of supplement A.

"Table 9. Distances for Single UHF-TV Antenna Compliance with FCC-Limits

(aural power = 10% VERP; relative field factor = 1; assumes surface reflection)

Channel Numbers 42 – 45 at 500 KW ERP:

(140.1) meters indicates the height requirement for compliance with general population/uncontrolled limits. (62.7) meters indicates the height required for compliance with occupational/controlled limits."

The Proposed station's Center of Radiation is 289.5 meters above ground level.

This leaves 149.4 meters before a person would enter the RF radiation hazard zone therefore excluding the station from RF environmental possessing.

Access to the transmitting site will be restricted and appropriately marked with warning signs. Furthermore, as this is a multi-user site, an agreement will be in effect in the event that workers or other authorized personnel enter the restricted area or climb the tower to ensure that appropriate measures will be taken to assure worker safety with respect to radio frequency-

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radiation exposure. Such measures include reducing the average exposure by spreading out the work over a longer period of time, wearing "accepted" RFR protective clothing and/or RFR exposure monitors or scheduling work when the stations are at reduced power or shut down. In addition, it appears that the existing tower (ASR# 1057485) is otherwise excluded from environmental processing as it complies with all the criteria for such an exclusion.