

EXHIBIT 19.1

STUDY CONCERNING POTENTIAL INTERFERENCE TO CHANNEL 6

The transmitter site for the use of Channel 211A, WCWB (FM) is located within the 196 km affected radius of a Channel 6 television station, WLNS-TV, Lansing, MI. A study has been made of the potential for interference to the reception of this television station, in accordance with the provisions of §73.525 of the Rules.

Calculations were done in accordance with section 73.525(e), and there is contour overlap between the proposed FM station and the TV-6 facility amounting to a population of 3,322 persons. Section 73.525(c) allows for an interference population to the Channel 6 television facility of up to 3,000 persons. However, Section 73.525(c)(2) states adjustment to population may be made: up to 1,000 persons may be subtracted from the population within the predicted interference area if, for each person subtracted, the applicant effectively installs one filter within 90 days after commencing program tests and, no later than 45 days thereafter, provides the affected TV Channel 6 station with a certification containing sufficient information to permit verification of such installation. The required number of filters will be installed on television receivers located within the predicted interference area. Therefore, the applicant will agree to install up to 322 filters, if required.

This FM application proposes the use of a directional antenna. As the FM interference contour does not reach a community of 50,000 persons or more, the power used for the contour calculations was determined as follows:

The ERP used for the interference calculations was determined using the formula of §73.525(e)(4)(ii). $P = H + (V/A)$ Solving, $0.001 + (25/40) = 0.626$ kW. Therefore, $P = 0.626$ kW, the power used to calculate the distance to the FM interference contours.

The FM to TV U/D ratio has been determined by reference to 47 C.F.R. Section 73.599, Figure 1. The following chart details specific Channel 6 service contours along with the corresponding FM interference contours used for this study. In accordance with the provisions of §73.525(e)(1)(iii) an adjustment of 6 dB may be made for television reception antenna directivity. This adjustment has been taken

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TV/FM D to U values											
47.0	67.3	55.0	66.3	63.0	67.9	71.0	72.7	79.0	79.0	87.0	85.6
48.0	67.0	56.0	66.4	64.0	68.4	72.0	73.5	80.0	79.8	88.0	86.4
49.0	66.6	57.0	66.5	65.0	68.8	73.0	74.2	81.0	80.6	89.0	87.3
50.0	66.3	58.0	66.6	66.0	69.4	74.0	75.0	82.0	81.4	90.0	88.2
51.0	66.2	59.0	66.8	67.0	70.0	75.0	75.8	83.0	82.2	91.0	88.2
52.0	66.2	60.0	67.0	68.0	70.6	76.0	76.6	84.0	83.0	92.0	88.2
53.0	66.1	61.0	67.3	69.0	71.3	77.0	77.4	85.0	83.9	93.0	88.2
54.0	66.2	62.0	67.5	70.0	72.0	78.0	78.2	86.0	84.7	94.0	88.2

Inspection of the above table and attached map shows the worst case proposed FM interference contour associated with the protected TV contour used in calculating the actual interference area. Population information has been derived from U.S. Census 2000 population datum and plotted on computer mapping as supplied by V-soft™ Probe III™ computer mapping software. Tabulations of contours will be supplied to the Commission upon request.

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Coldwater, MI - CH211

Proposed TV6 Study

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WCWB
Proposed
Latitude: 42-12-06 N
Longitude: 085-03-35 W
ERP: 0.626 kW
HAAT: 83.05 m
Channel: 211
Frequency: 90.1 MHz
AMSL Height: 369.4 m
Horiz. Pattern: Directional
Vert. Pattern: No
Prop Model: None

WLNSTV
BLCT20020103AAA
Lansing MI
Latitude: 42-41-19 N
Longitude: 084-22-35 W
ERP: 100.00 kW
HAAT: 305.0 m
Channel: 06-
Frequency: 84.5 MHz
AMSL Height: 577.0 m
Elevation: 272.0 m
Horiz. Pattern: Omni
Vert. Pattern: Yes
Elec Tilt: 0.0
Prop Model: None

WCWB

Total Interference Population 3,322
Total Interference Area: 200.5 sq. km

Scale 1:125,000
0 1 2 3 km

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Burlington

Tekonsha