## EXHIBIT NO. 1

ENGINEERING STATEMENT

APPLICATION FOR MODIFICATION OF CONSTRUCTION PERMIT

WEIGEL BROADCASTING COMPANY

STATION WMWB-LP

SOUTH BEND, INDIANA

CH 69 131 KW (MAX-DA) 563 M AMSL

The Engineering Exhibit consisting of this statement and the attached Figures 1 and 2, was prepared on behalf of Weigel Broadcasting Company, licensee of LPTV station WMWB-LP South Bend, Indiana. By means of this application, Weigel seeks to relocate the WMWB-LP transmitting facility to a new tower. The proposed transmitting facility will be similar to that authorized in construction permit, File No. BPTTL-20010116AIZ. The tower to be employed will be registered with the Commission after the FAA issues a "Determination of No Hazard".

The FCC classifies the proposal as a "minor change" application as the proposed 74 dBu contour encompasses a substantial portion of the existing 74 dBu contour.

South Bend, Indiana Page 2 of 2

The antenna is a Dielectric type TLP-24I (CP) directional antenna, which employs the "I" pattern. The center of the major lobe will be directed at a true bearing of 45 degrees. The antenna has electrical beam tilt of 0.5 degrees, and will be mechanically tilted 1.0 degree at a true bearing of 90 degrees. The radiation pattern toward the radio horizon for the antenna is shown in Figure 1.

The proposed operation of WMBW-LP will protect all analog NTSC stations, including full service, Class A and LPTV. There are no existing or proposed DTV stations on channels 68 or 69 sufficiently close to WMBW-LP to warrant interference concerns. In addition, as shown on Figure 2, the 19-dBu F(50,10) contour will not penetrate Canadian territory.

The proposed facility is excluded from environmental processing under 47 CFR 1.1306. The facility will not have a significant environmental impact, as the radiofrequency radiation at the base of the tower is less than one percent of the ANSI guideline value for an uncontrolled environment.

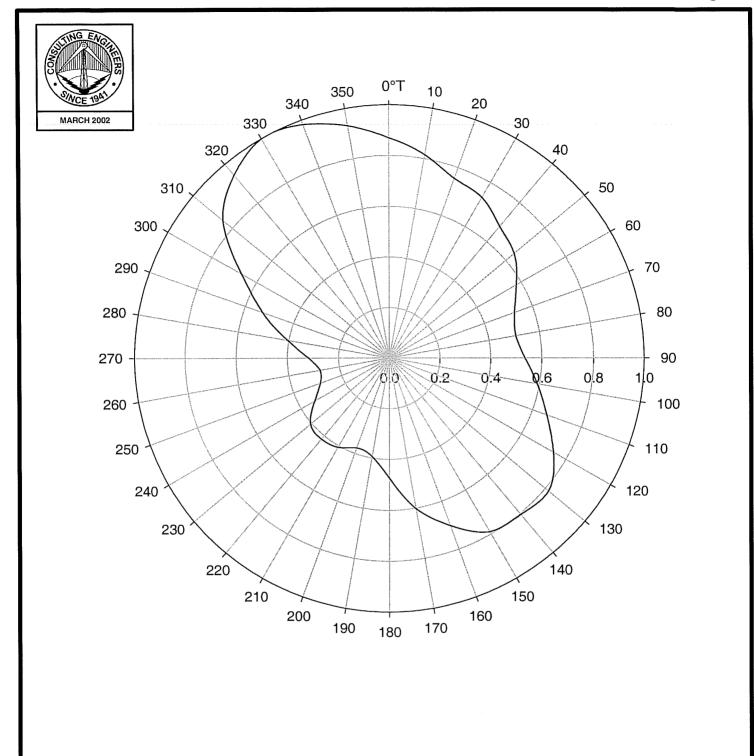
Access to the tower will be restricted and appropriately marked with warning signs. When workers climb the tower, in concert with other users, the power of the station will be reduced or the station taken off the

South Bend, Indiana Page 3 of 3

air, thereby preventing exposure to radiofrequency radiation in excess of the guideline value.

Louis R. du Treil, Sr. du Treil, Lundin & Rackley, Inc. 201 Fletcher Avenue Sarasota, FL 34237

March 14, 2002



## RADIATION PATTERN TOWARD RADIO HORIZON (RELATIVE FIELD)

STATION WMWB-LP SOUTH BEND, INDIANA CH 69 131 KW (MAX-DA) 563 M AMSL

du Treil, Lundin & Rackley, Inc. Sarasota, Florida



## PREDICTED 19 dBu COVERAGE CONTOUR

STATION WMWB-LP SOUTH BEND, INDIANA CH 69 131 KW (MAX-DA) 563 M AMSL