

ENGINEERING STATEMENT

The engineering data contained herein have been prepared on behalf of CONNECTICUT PUBLIC BROADCASTING, INC., licensee of full-power digital television station WEDW-DT, Channel 49 in Bridgeport, Connecticut, in support of this amendment to its pending application for modification of Construction Permit 0000034869, which proposes operation on its post-repack channel, Channel 21, from a new site. It is proposed herein decrease the antenna height above ground and the overall height of the tower in order to match the values in the FCC's Antenna Structure Registration database. No change in the proposed transmitter site, effective radiated power or antenna azimuth pattern is proposed herein.

It is still intended to mount an ERI directional, elliptically-polarized slotted cylinder antenna at the 97.8-meter level of the existing 105.5-meter tower located near Stamford, Connecticut. The proposed horizontal effective radiated power for the facility continues to be 1000 kW. Exhibit B is a map upon which the predicted service contours are plotted. As shown, the community of Bridgeport is still completely encompassed by the proposed 48 dBu city-grade service contour.

Elevation and azimuth pattern information for the proposed antenna are provided again in Exhibit C. A TVStudy interference study, which was conducted using a cell size of 2 kilometers and increment spacing of 1.0 kilometer, concludes that the amended WEDW-DT facility meets the Commission's de minimis interference criteria to all co-channel and adjacent-channel post-repack full-power and Class A facilities.

A revised power density calculation appears as Exhibit D.

EXHIBIT A

Since no change in the overall height or the location of the existing tower is proposed herein, the Federal Aviation Administration has not been notified of this amended application. In addition, the Federal Communications Commission issued Antenna Structure Registration Number 1043497 to this tower.

I declare under penalty of perjury that the foregoing statements and the attached exhibits, which were prepared by me or under my immediate supervision, are true and correct to the best of my knowledge and belief.

A handwritten signature in blue ink, appearing to read "K. T. Fisher". The signature is written in a cursive, somewhat stylized font.

KEVIN T. FISHER

November 28, 2017