

ENGINEERING STATEMENT
ON BEHALF OF
WBKI(TV), SALEM, INDIANA
ATSC 1.0 MOVE TO
WAVE(TV), LOUISVILLE, INDIANA

AUGUST 2022

COHEN, DIPPELL AND EVERIST, P.C.
CONSULTING ENGINEERS
RADIO AND TELEVISION
WASHINGTON, D.C.

The engineering data contained herein have been prepared on behalf of Independence Television Company, licensee of full-power digital television station WBKI(TV), Channel 16 in Salem, Indiana, in support of the Application for Modification of License to operate the station with the ATSC 3.0 transmission standard. It is proposed that during the time that the facility will be transmitting in ATSC 3.0, the primary ATSC 1.0 programming of WBKI(TV) will be transmitted by station WAVE(TV), Channel 36 in Louisville, Kentucky.

Exhibit E-1 is a map upon which the WBKI(TV) and WAVE(TV) noise-limited service contours are plotted. A "loss area" will be created as a result of the transfer of WBKI(TV)'s primary ATSC 1.0 programming to WAVE(TV). The "loss area" population is 216,240 people (2020 Population Database). This amounts to 9.9% of the population of WBKI(TV).

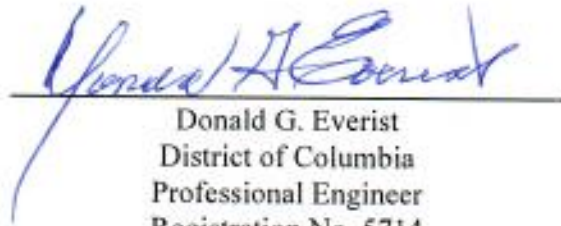
It is also important to note that WAVE(TV) places a city-grade service contour over the entirety of the WBKI(TV) city of license, Salem, Indiana, as shown in Exhibit E-2. Thus the instant application meets the requirements of Section 73.3801(c) of the Commission's Rules.

Exhibit E-3 is a map which shows noise-limited service contours for WBKI(TV), WAVE(TV), and neighboring CW Network affiliates (WKRC-TV, WKYT-TV, WTVW, WBKO, WISH-TV). It also includes the Louisville DMA. The map shows that only 4,553 people in the Louisville DMA will lose CW Network service and only 14,957 people outside the Louisville DMA will lose CW Network service.

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.

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.

That the facts stated herein are true of his own knowledge, except such facts as are stated to be on information and belief, and as to such facts he believes them to be true.


Donald G. Everist
District of Columbia
Professional Engineer
Registration No. 5714

August 2, 2012 Date

CONTOUR POPULATION: 2020 POPULATION DATA

WBKI(TV): 2,187,161

WAVE(TV) (Host): 1,970,921

Common Area Population: 1,970,921 (90.1% of WBKI Contour Population)

WBKI(TV) Programming Loss Area Population: 216,240

COHEN, DIPPELL, AND EVERIST, P.C. Washington DC CONSULTING ENGINEERS

WBKI(TV) Channel 16
Noise-Limited Contour

WAVE(TV) Channel 36
Noise-Limited Contour

WAVE(TV)

WBKI(TV)

EXHIBIT E-1

MAP SHOWING
FCC SERVICE CONTOUR COMPARISON
PRIMARY PROGRAMMING STREAM
WBKI(TV), CH. 16 ON WAVE(TV), CH. 36
LOUISVILLE, KY
AUGUST 2022

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LEGEND
0 15 30
Kilometers

