

### **Hosting Arrangements Exhibit**

WCWF Licensee, LLC (“Licensee”), licensee of WCWF(TV), Suring, WI (Facility ID 73042; RF Channel 15), is filing this application to modify WCWF(TV)’s NextGen license to include its non-primary video programming streams (multicast streams) that are aired as “guest” streams on “host” stations as part of the ATSC 3.0 transition. Licensee does not propose to change its primary stream simulcast host from what was previously authorized. *See* File No. 0000162833.

#### ***Primary Stream Simulcast***

On January 25, 2022, Licensee commenced ATSC 3.0 operations from WCWF(TV)’s facility, which serves as the ATSC 3.0 host for stations in the Green Bay, WI market, and began simulcasting its primary stream in ATSC 1.0 format on commonly owned WLUK-TV, Green Bay (Facility ID 4150; RF Channel 18). *See* File No. 0000162833.

#### ***Non-Simulcast Multicasts***

To minimize any loss of over-the-air programming available to ATSC 1.0 viewers that might otherwise result from WCWF(TV)’s transition to the ATSC 3.0 standard, Licensee is also airing:

- WCWF(TV)’s multicast stream currently affiliated with *Comet TV* in ATSC 1.0 format from the facilities of WFRV-TV, Green Bay, WI (Facility ID 9635; RF Channel 22) pursuant to a written hosting agreement with Nexstar Media Inc.;
- WCWF(TV)’s multicast stream currently affiliated with *Charge!* in ATSC 1.0 format from the facilities of WBAY-TV, Green Bay, WI (Facility ID 74417; RF Channel 23) pursuant to a written hosting agreement with Gray Media Group, Inc.; and
- WCWF(TV)’s multicast streams currently affiliated with *Nest* and *DABL* in ATSC 1.0 format from the facilities of WACY-TV, Appleton, WI (Facility ID 361; RF Channel 36) pursuant to a written hosting agreement with Scripps Broadcasting Holdings LLC.

Because of ATSC 1.0 capacity constraints, WCWF(TV) is not able to air its multicast streams on WLUK-TV, its primary ATSC 1.0 simulcast host. Furthermore, due to ATSC 3.0 capacity and other constraints attendant with the multi-station and multi-market coordination needed for a successful ATSC 3.0 deployment across the country, it is not feasible for Licensee to simulcast WCWF(TV)’s multicast streams in an ATSC 3.0 format without unduly minimizing, if not largely eliminating, the benefits to the public and the participating stations of transitioning to ATSC 3.0. Simulcasting those streams in ATSC 3.0 would reduce capacity available to NextGen stations for offering consumers the improved services that ATSC 3.0 enables. The types of services and improvements that would be precluded would include enhanced video featuring High Dynamic Range, Wide Color Gamut and High Frame Rate, immersive and multiple audio channels using Dolby AC-4, Advanced Emergency Alerting and Information functions as part of a broadcast receiver application, and non-real time interactive data delivery. Each of these requires a portion of the ATSC 3.0 capacity that would be unavailable were Licensee to carry multicast program streams as the ATSC 3.0 host for stations in the Green Bay, WI market. Even setting aside these

impediments, significant additional engineering work and more equipment would be required to simulcast WCWF(TV)'s multicast streams in ATSC 3.0 and ATSC 1.0 formats.

Host Capacity Limits: WCWF(TV) is airing the same number of programming streams on the ATSC 1.0 host stations named herein as it previously aired in ATSC 1.0 from its own facility, in the same resolutions, and therefore is not using more capacity on the ATSC 1.0 host stations, in the aggregate, than it would have been able to use on its own facilities if it were still broadcasting in the ATSC 1.0 format.

Coverage Requirements: Each of the host stations is licensed to the same DMA as WCWF(TV), and their service contours completely cover WCWF(TV)'s community of license. The multicast hosting arrangements with WFRV-TV, WBAY-TV, and WACY-TV serve the public interest by preserving WCWF(TV)'s ability to air each of its programming streams in the ATSC 1.0 format to ensure that WCWF(TV)'s viewers can continue to receive the programming streams currently available to them. The service contours of WFRV-TV, WBAY-TV, and WACY-TV cover a majority (99.4%, 100%, and 92.4% respectively) of WCWF(TV)'s pre-transition service area population. See attached engineering exhibit (as filed with File No. 0000162835). Additionally, the arrangements preserve access to those WCWF(TV) streams currently received for viewers who are receiving them via MVPDs. This arrangement complies with the requirement that children's television core programming be carried on either the same host as the primary stream or on a host that serves at least 95% of the predicted population served by WCWF(TV)'s pre-transition 1.0 signal. WCWF(TV) currently averages at least three hours per week of core programming on its primary stream.

MVPD and Consumer Notice Requirements: Licensee provided notice to MVPDs of each proposed signal relocation when it provided the requisite notice regarding relocation of WCWF(TV)'s primary stream. Licensee also aired the requisite consumer notices and posted to its website information regarding the station's transition to the ATSC 3.0 standard and the need for over-the-air viewers to rescan on January 25, 2022.

In summary, Licensee proposes to license WCWF(TV)'s streams in ATSC 1.0 on temporary host facilities as depicted in the chart on the following page:

WCWF(TV) Stream and Virtual Channel	Pre-Relocation ATSC 1.0 RF Channel and Resolution	Post-Relocation ATSC 1.0 RF Channel and Resolution	ATSC 1.0 Host Station	Simulcast in ATSC 3.0?
The CW (Primary) 14.1	15.1 1080i	18.6 1080i	WLUK-TV	Yes
Comet TV 14.2	15.2 480i	22.7 480i	WFRV-TV	No
Charge! 14.3	15.3 480i	23.9 480i	WBAY-TV	No
Nest 14.4	15.4 480i	36.9 480i	WACY-TV	No
DABL 14.5	15.5 480i	36.10 480i		No