

Station WSKA Transition Plan

Transmitter, Power, Interior Transmission Line System

The station has a Thales TDU2 2K50 LV transmitter. The manufacturer (Thales) of this transmitter has advised and informed us that it cannot be modified or updated and cannot be used on the new channel. Therefore, the station is budgeting for a new solid state transmitter. In addition the electrical system will be added to and modified to meet the requirements of the new transmitter. A new 3 port combiner will be installed. This 3-port combiner will have 100% of its cost borne by WSKG Public Telecommunications Council for WSKA, 0% of its cost borne by WENY-TV, and 0% of its cost borne by WYDC.

The electrical system will be modified to meet the requirements of the new transmitter, including installing a transformer to provide 208-wye service from the main 480v service of the building.

Antenna and Transmission Line System

The station operates with a Dielectric UA-C4SP-8/28M-1-T top-mount broadband antenna. This antenna and transmission line can be reused on the post transition channel. A sweep test has been performed for antenna and transmission line system. This antenna is used by 2 other stations WENY-TV(Post CH35) and WYDC (Post CH30) and will require the replacement of the current combiner with a new Dielectric C3M-UT6E7F-9K 3 channel branch combiner. Retuning of elbows will be required. As WSKA and WENY-TV are in a linked station set (Phase 4 LSS_ID 36) of 89 stations in order to facilitate testing of the combiner and coordination of change with minimal disruption to the community, we will be installing a switch and dummy load on the output of the combiner systems. This switch and dummy load will allow for tune-up and testing of the new transmitters of all stations and a short switchover time to the new transmitters from the current transmitters when coordinated. After the transition is complete, the current combiner system will be removed. WYDC has notified us that they have been moved to phase 7. WYDC will be building interim facilities to hold over their current channel until such time as they are able to switch to the new combiner.

Outside Professional Services

The station will contract for Project Management services, RF Consulting Engineering services, and RF Field Engineering services to handle the complete project, as well as Medical Notifications and MVPD Notifications and Other Outside Consulting services as the need arises. The station has multiple transmitter sites (2 TV, 8 Radio, & 3 Translators) and operates with minimal staff. It does not have personnel available for any of these tasks, nor is the staff trained to provide any of these services.