## **Federal Communications Commission**

## TELEVISION BROADCAST STATION AUXILIARY CONSTRUCTION PERMIT

## Licensee/Permittee

SOUTH CAROLINA EDUCATIONAL TV COMMISSION 1041 GEORGE ROGERS BOULEVARD COLUMBIA, SC, 29201

**Call Sign File Number** WHMC 0000142995

Facility ID: 61004 NTSC TSID: 2572 Digital TSID: 2573 Construction Permit

0000115805

| <b>Grant Date</b> 04/12/2021            | <b>Expiration</b> 04/05/20       |                       |
|---|----------------------------------|-----------------------|
| Hours of Operation Unlimited            |                                  | SSIC                  |
| Station Location  City CONWAY  State SC | Frequency (MHz)<br>554.0 - 560.0 | Station Channel<br>28 |
| Facility Type Noncommercial Educational | UNICATION                        |                       |

| Antenna Structure Registration Number                           |  |
|---|--|
| 1059179   |  |
| Transmitter   | Transmitter Output Power(kW)           |
| Type Accepted. See Sections 73.1660, 73.1665 and 73.1670 of the | As required to achieve authorized ERP. |
| Commission's Rules.   |  |
| Antenna Coordinates   | Antenna Type                           |
| Latitude 33-56-59.0 N   | Directional                            |
| Longitude 79-6-30.0 W   |  |
| Description of Antenna  | 1                                      |
| Make Dielectric   |  |
| Model TFU-8WB-R C160  |  |

| Antenna Beam Tilt (Degrees Electrical) 1.05                    | Antenna Beam Tilt (Degrees Mechanical @ Degrees Azimuth) Not Applicable                                    |
|--|--|
| Major Lobe Directions<br>216.0                                 | Maximum Effective Radiated Power (Average) 178.0 kW 22.50 DBK  |
| Height of Radiated Center Above Ground (Meters) 135.6          | Height of Radiated Center Above Mean Sea<br>Level (Meters)<br>159.9  |
| Height of Radiated Center Above Average Terrain (Meters) 140.6 | Overall Height of Antenna Structure Above Ground (Meters) See the registration for this antenna structure. |

## Waivers/Special Conditions

• For emergency, maintenance & test purposes only.

Subject to the provisions of the Communications Act of 1934, as amended, subsequent acts and treaties, and all regulations heretofore or hereafter made by this Commission, and further subject to the conditions set forth in this permit, the permittee is hereby authorized to construct the radio transmitting apparatus herein described. Installation and adjustment of equipment not specifically set forth herein shall be in accordance with representations contained in the permittee's application for construction permit except for such modifications as are presently permitted, without application, by the Commission's Rules.

Equipment and program tests shall be conducted only pursuant to Sections 73.1610 and 73.1620 of the Commission's Rules.