

**MODIFY BHP-20020318AAT**  
**APEX BROADCASTING, INC.**  
**WHLZ (FM) RADIO STATION**  
**CH 223C1 - 92.5 MHZ - 100.0 KW**  
**MONCKS CORNER, SOUTH CAROLINA**  
**June 2002**

**TECHNICAL STATEMENT**

This Technical Statement and attached exhibits were prepared on behalf of Apex Broadcasting, Inc. (“Apex”), licensee of FM radio station WHLZ, Channel 223C, Moncks Corner, South Carolina. Apex holds an outstanding construction permit, BPH-20020318AAT, authorizing minor changes in the WHLZ facilities. Apex herein proposes to modify the facilities authorized in the construction permit by relocating the facilities, reducing the height of the center of radiation above ground and mean sea level, reducing the height above average terrain, proposing non-directional operation and downgrading to Channel 223C1.

At the site proposed for the downgrade, Channel 223C1 meets the Commission’s minimum distance separation requirements to all licensed, proposed or applied for facilities. See Exhibit A for details. This instant modification application is being filed contingent with an application by NM Licensing, LLC (“NM”), licensee of WMYB, Channel 221C2, Myrtle Beach, South Carolina. NM is proposing to relocate and upgrade WMYB to Channel 221C1 at Myrtle Beach, South Carolina. The relocation and downgrade of WHLZ to Class C1 and the relocation and upgrade of WMYB to Class C1 will allow both stations to meet the minimum distance separation requirements of §73.207 of the Commission’s rules.

It is noted that at the site proposed for the implementation of this proposal the 3.16 mV/m contour from WHLZ does not completely encompass the community of Moncks Corner, South Carolina.<sup>1</sup> As such, an alternative propagation model is used to demonstrate complete city grade coverage of Moncks Corner. See Exhibit B for details.

Apex proposes to install the antenna for WHLZ on an existing tower, therefore, the Federal Aviation Administration has not been apprised of this proposal. The existing tower has been registered with the Commission and assigned Antenna Structure Registration number 1024868. WHLZ will share a ten bay Electronics Research antenna with co-located WAVF, Channel 241C1, Hanahan, South Carolina.

Since the WHLZ antenna will be located on a tower with television facilities and several high power FM stations, the worksheets associated with Form 301 could not be used to demonstrate compliance with the Commission's radio frequency radiation limits. Therefore, a study was undertaken to show the proposed WHLZ facilities are in compliance with the Commission's RFR rules (Exhibit C).

There is one AM station within 3.2 kilometers (2.0 miles) of the proposed WHLZ site. Non-directional station WZJY, 1480 kHz, Mount Pleasant, South Carolina, is located 0.89 kilometer (0.55 mile) from the proposed tower. The tower onto which the WHLZ antenna is to be installed has been in existence for many years and, to the knowledge of the applicant, has had

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1) Less than the 80% required coverage using the standard FCC method.

no impact to the WZJY antenna. Since the tower is farther than 0.8 kilometer (0.5 mile), no impact to the AM station is expected. It is respectfully requested that no conditions be placed on the herein requested permit relating to the AM station. All other data used to certify the information contained in the application has been forwarded to Apex and is available for submission to the Commission upon request.