

## **Compliance with Special Operating Conditions**

The WKWR Construction Permit (File Number 0000121876) contains Two Special Operating Conditions:

- 1. The permittee/licensee in coordination with other users of the site must reduce power or cease operation as necessary to protect persons having access to the site, tower or antenna from radiofrequency electromagnetic fields in excess of FCC guidelines.*
- 2. The AM station identified below may be affected by the facilities authorized by this construction permit. Pursuant to Section 1.30004 of the Commission's Rules, at least 30 days prior to commencement of construction of the facilities authorized herein, the permittee must provide notification of the construction to the AM station licensee. A part if this notification, the permittee must examine the potential impact of the construction of the authorized facilities on the AM station using a moment method analysis. The analysis shall consist of the model of the AM antenna together with the potential re-radiating tower in a lossless environment. The model shall employ the methodology specified in Section 73.151(c) of the Commission's Rules, except that the AM antenna element may be modeled as a series of thin wires driven to produce the required radiation pattern, without any requirement for measurement of tower impedances. If the construction distorts the AM station non-directional pattern by more than 2 db, the permittee is responsible for the installation and maintenance of any detuning apparatus necessary to restore proper operation of the non-directional antenna. (See Section 1.30002 of the Commission's Rules.) The permittee must submit confirmation of completion of these notice and analysis requirements in the application for license to cover this construction permit. If the facilities authorized by this Construction Permit do not result in a significant modification of the existing tower specified as defined in Section 1.30002(d) of the Commission's Rules, the permittee shall submit a certification and any necessary evidence supporting that certification in the Application for License. Station WKWF(AM), Facility ID No. 31636, Key West , FL.*

Educational Media Foundation ("EMF") complies with, or agrees to, the conditions as follows:

1. EMF in coordination with other users of the site agrees to reduce power or cease operation as necessary to protect persons having access to the site, tower, or antenna, from radiofrequency electromagnetic fields in excess of FCC guidelines.

**Educational Media Foundation**

5700 West Oaks Boulevard

Rocklin, CA 95765

*Exhibit 1  
Key West, FL*

2. The WKWR FM antenna has been mounted on an existing grounded tower. The WKWR tower also has an installed "detuning skirt". This detuning apparatus prevents the WKWR tower and antenna from interacting with the WKWF(AM) coverage pattern. It should be noted that WKWF(AM) is currently not operating as seen in BLSTA-20200319AAS. As stated in this WKWF(AM) Request for Silent STA, the WKWF(AM) tower is being replaced. Once the construction is complete and WKWF(AM) is once again transmitting, the detuning skirt will be tuned for resonance at 1600khz to eliminate the potential of distorting the WKWF(AM) non directional radiating pattern. EMF believes that since the detuning apparatus is installed and will be verified for correct resonance once WKWF(AM) is returned to on air status, that this special operating condition has been fulfilled.