

TECHNICAL EXHIBIT  
REQUEST FOR SPECIAL TEMPORARY AUTHORITY(STA)  
FORT MYERS BROADCASTING COMPANY  
RADIO STATION WJUA  
PINE ISLAND CENTER, FLORIDA

1200 KHZ 50 KW-D 1 KW-N U DA-2

Technical Narrative

The technical exhibit of which this narrative is part has been prepared on behalf of Fort Myers Broadcasting Company, licensee of AM broadcast station WJUA at Pine Island Center, Florida. WJUA is licensed as a Class B station for operation on 1200 kilohertz with daytime power of 50 kilowatts operating with a 4-tower directional antenna and with a nighttime power of 1 kilowatt utilizing a 2-tower directional antenna. By means of this present application, the licensee proposes to operate with a Special Temporary Authority(STA) at the WJUA licensed site.

WJUA is presently experiencing a problem which appears to be a failure in the daytime directional array control logic which necessitates operation with an STA during the interim period while the problem is resolved. It is requested for WJUA to operate nondirectionally from tower 2 of the nighttime antenna during daytime hours at 10 kilowatts - which is less than 25 percent of the power authorized for the daytime directional antenna.

Environmental Protection

The proposed WJUA STA operation has been evaluated in terms of both the electric and magnetic field components which will be present at the base of tower 2. Using Figures 1 through 4 of Supplement A to OET Bulletin 65, the worst case interpolated distances at which the electric and magnetic fields would fall below ANSI guidelines is 2 meters. The areas surrounding the base of the tower are

appropriately restricted with a fence having the required minimum radius. The fence assures that persons on the property outside the fenced areas will not be exposed to radiofrequency field levels in excess of those recommended by the ANSI. In addition, warning signs are posted.



Matthew Folkert  
du Treil, Lundin & Rackley, Inc.  
201 Fletcher Avenue  
Sarasota, Florida 34237

(941) 329-6000

July 20, 2016