

Engineering Exhibit

Minor Amendment to Pending Application

BPH-20030113ACN

For Station WENN(FM)

Facility Id: 62278

1. Purpose of Application Amendment

This is part of application for amendment to minor modification application BPH-20030113ACN for station WENN Facility I.D. No. 62278. That application was filed to comply with the commission order modifying the community of license from Trussville to Hoover Alabama and modification of the station technical facility from channel 290A to 288C2.

This instant application seeks to modify the proposed technical facilities in BPH-20030113ACN by the use of a directional antenna to allow for an increase in proposed E.R.P..

2. Allocation Considerations

This application seeks use of section 73.215 to WQAH-FM, WVNA-FM, and proposed facilities of WZHT(FM). Please see the table below, as well as the included contour map.

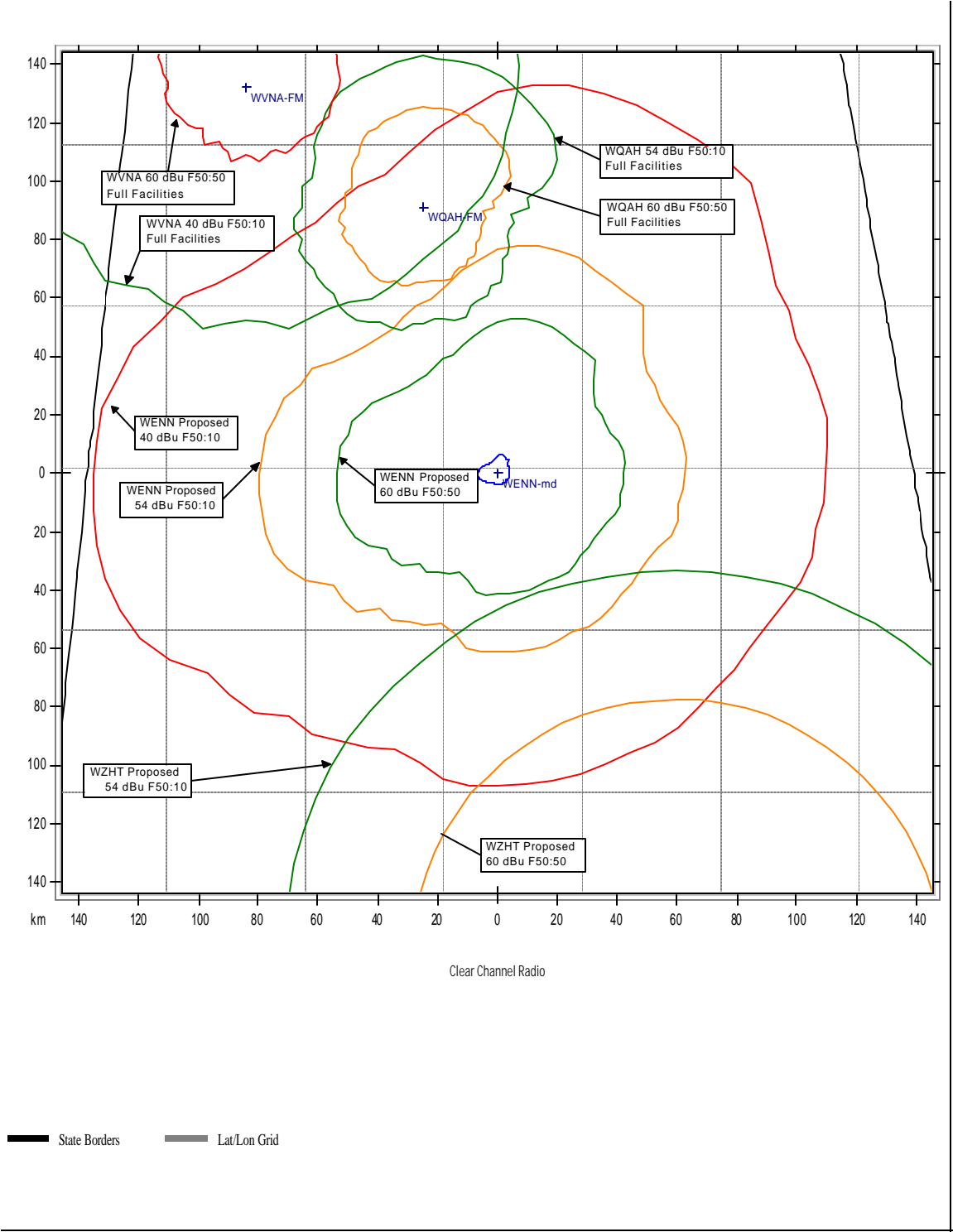
Callsign	City	Status	Dist.	ARN	Comments	
WRTR	TUSCALOOSA	LIC	77.65	BLH19901226KB	*073.215*	Note 1
WQAH-FM	ADDISON	LIC	94.32	BLH19980702KG		Note 2
WVNA-FM	MUSCLE SHOALS	LIC	156.3	BLH19961004KB		Note 2
WVNA-FM	MUSCLE SHOALS	CP	156.3	BPH20020927ABI		Note 2
WZHT	TROY	LIC	178	BLH19980717KE		Note 3
WZHT	TROY	APP	178	BPH20030113ACI	*073.215*	Note 2
WVNA-FM	MUSCLE SHOALS	LIC	162.1	BLH19950119KA		Auxiliary Facility
WZHT	TROY	RSV	188.2			Fully Spaced
WBFZ	SELMA	LIC	141	BLH20010615AFL	*073.215*	Fully Spaced
WRTR	BROOKWOOD	APP	68.77	BPH20030113ACQ	*073.215*	Fully Spaced

Note 1 Contingent application BPH-20030113ACQ eliminates this short spacing

Note 2 Processing via 73.215 is requested, see contour map attached.

Note 3 Contingent application BPH-20030113ACI places WZHT under 73.215, this application seeks 73.215 to those facilities as well.

Contour Map



3. RF Compliance statement

Study of the area within 1 km of the proposed site reveals other likely sources of non-ionizing radiation. Calculations of ground level NIER values near the base of the proposed structure are made only with regard to the levels from this proposal. It has been determined, as detailed below, that this proposal contributes less than 5% of the site ground level R.F..

The Proposed facilities were evaluated in terms of potential radio frequency radiation exposure at ground level in accordance with OET Bulletin No. 65, "Evaluating Compliance With FCC-Specified Guidelines for Human Exposure to Radio frequency Radiation."

"Ground level" calculations in this report have been made at a reference height of 2 meters above ground to provide a worst-case estimate of exposure for persons standing on the ground in the vicinity of the tower.

The antenna that will be used for the proposed facility is a Dielectric DCBR-C3SP-2FMA/5H-1. Calculations of the power density produced by this antenna system have been made using data supplied by the manufacture indicating that the antenna will radiate 12.4% of its field straight down. The results indicate a maximum ground level power density of 7.26 microwatts per square centimeter, or 0.73 percent of the allowable ANSI limit for controlled exposure, and 3.63 percent of the allowable limit for uncontrolled exposure, at the tower base. It is therefore believed that this proposal is in compliance with OET Bulletin Number 65 as required by the Federal Communications Commission.

Pursuant to OST Bulletin No. 65, all station personnel and contractors are required to follow appropriate safety procedures before any work is commenced on the antenna tower, including reduction in power or discontinuance of operation before any maintenance work is undertaken. Public access to the site is restricted and the antenna tower is posted with warning signs. 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 radiation in excess of FCC guidelines.