

SPECIAL CONDITIONS

The constructed facility satisfies all of the special conditions specified in the construction permit (BPED-20070907ADS):

- 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.

The licensee will comply with this condition. Procedures are in place to ensure radiofrequency safety as detailed in the *Environmental Statement* section of the *Engineering Statement* included in the instant application.

- 2 BEFORE PROGRAM TESTS ARE AUTHORIZED, permittee shall submit the results of a complete proof-of-performance to establish the horizontal plane radiation patterns for both the horizontally and vertically polarized radiation components. This proof-of-performance may be accomplished using the complete full size antenna, or individual bays therefrom, mounted on a supporting structure of identical dimensions and configuration as the proposed structure, including all braces, ladders, conduits, coaxial lines, and other appurtenances; or using a carefully manufactured scale model of the entire antenna, or individual bays therefrom, mounted on an equally scaled model of the proposed supporting structure, including all appurtenances.

Engineering exhibits should include a description of the antenna testing facilities and equipment employed, including appropriate photographs or sketches and a description of the testing procedures, including scale factor, measurements frequency, and equipment calibration.

The instant application complies with this condition. Details regarding the proof-of-performance of the directional antenna are included in the manufacturers report included in the instant application.

- 3 BEFORE PROGRAM TESTS ARE AUTHORIZED, permittee shall submit an affidavit from a licensed surveyor to establish that the directional antenna has been oriented at the proper azimuth.

The instant application complies with this condition. The surveyor's affidavit is included in the instant application.

- 4 BEFORE PROGRAM TESTS ARE AUTHORIZED, permittee/licensee shall submit an affidavit that the installation of the directional antenna system was overseen by a qualified engineer. This affidavit shall include a certification by the engineer that the antenna was installed pursuant to the manufacturer's instructions and list the qualifications of the certifying engineer.

The instant application complies with this condition. The engineer's certification is included in the instant application.

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- 5 The relative field strength of neither the measured horizontally nor vertically polarized radiation component shall exceed at any azimuth the value indicated on the composite radiation pattern authorized by this construction permit.

A relative field strength of 1.0 on the composite radiation pattern herein authorized corresponds to the following effective radiated power:

13.5 kilowatts.

Principal minima and their associated field strength limits:

0 degrees True: 7.194 kilowatts
40 degrees True: 12.833 kilowatts
200 degrees True: 1.021 kilowatts
220 degrees True: 0.955 kilowatts
270 degrees True: 3.375 kilowatts
290 degrees True: 2.602 kilowatts
340 degrees True: 9.122 kilowatts

The instant application complies with this condition as is detailed in the *Engineering Statement* which references directional antenna relative field values contained in the manufacturer's report.

- 6 Waiver of Section 73.1125 was previously granted in construction permit BPED-19900109MD to permit the operation of WRTQ as a satellite station of WRTI, Philadelphia, PA.

WRTQ will continue to operate as a satellite station of WRTI under the existing waiver as stated in the included *Main Studio Location* exhibit.

- 7 Further modifications of the facilities of WLFR, Pomona, NJ will not be construed as a 'per se' modification of WRTQ's license. See 'Educational Information Corporation', 6 FCC Rcd 2207 (1991).

The licensee acknowledges the continuance of this special condition.