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**ATLANTIC COAST COMMUNICATIONS, INC**

**HOLMDEL, NEW JERSEY**

**LICENSEE OF W26CE CHANNEL 26**

**NEW YORK, NEW YORK**

**FCC Facility ID #47855**

**FCC FILE Nos. BLTTL-20010927ABF  
BSTA-20070821AEJ**

**APPLICATION FOR A MODIFICATION OF LICENSE**

**TO SPECIFY A DIFFERENT TRANSMITTER SITE DUE TO LOSS  
OF EXISTING LEASE**

**ENGINEERING EXHIBIT 9**

**December 17, 2007**

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**ENVIRONMENTAL STATEMENT**

There are no AM stations within 3.2 km of the W26CE site. The instant application is excluded under 1.1306. Using the procedures outlined in OET Bulletin 65, Edition 97-01 and specifically Appendix A, Table 1 and Equation 9, Page 21, I have evaluated the RFR energy from the antenna system of W26CE (CH 26) as follows:

W26CE is the only station at this general location required to be considered by 47 CFR 1.1307(b).

**W26CE:** W26CE is proposing operation on Channel 26 utilizing a maximum ERP of 1.50 kilowatts visual and 0.15 kilowatts aural with a directional antenna and horizontal polarization (1.1 kW average power). The Channel 26 transmitting antenna is a high gain unit with a power gain of 10x side mounted with a C/R 79.2 meters up the tower. With the resulting high elevation gain, the RFR energy at steep angles below the horizon is expected to be at least 10 dB below that of the main lobe. Utilizing Appendix A, Table 1 the maximum occupational/controlled exposure level at CH 26 is 1,810  $\mu\text{W}/\text{cm}^2$ . Using Equation 10, Page 21, the distance to the 1,810  $\mu\text{W}/\text{cm}^2$  contour is 1.4 meters. For general public/uncontrolled environment the maximum exposure level is 362  $\mu\text{W}/\text{cm}^2$ . Again using Equation 10, the distance to the 362  $\mu\text{W}/\text{cm}^2$  contour is 3.2 meters.

Since the base of the antenna is at least 77 meters above the ground, the height of the structure limits the possible excessive radiation values to at least 73.8 meters above the ground.

Again using Equation 10, the predicted RFR energy levels at 2 meters above ground is calculated at  $0.66 \text{ uW/cm}^2$  or 0.2% of the FCC allowable for the general public/uncontrolled environment per FCC OET Bulletin 65.

Therefore the total level of the W26CE RFR source at all points on the ground is below that required for protection of both the employees and the general public as required by ANSI 95.1-1992 or FCC OET 65, Edition 97-01. The total RFR level from W26CE(STA) is calculated not to not exceed  $0.66 \text{ uW/cm}^2$  or 0.2 of the FCC allowable anywhere on the ground in the area of the tower. Neither workers nor the general public will be exposed to electromagnetic fields exceeding the maximum permissible exposure (MPE) levels set for in Section 1.1310 of the commission's Rules. **The total RFR levels from proposed W26CE are less than 5% of the general public/uncontrolled environment allowable, thus W26CE is excluded from contribution to this multiple use site.**

Where radio frequency fields in excess of FCC guidelines are predicted to be encountered (very near the station's transmission antenna), signs and protective devices shall secure the area affected from the general public. With respect to direct employees of this licensee, OSHA RFR guidelines will be observed. Contractors and other outside workers potentially exposed to such areas shall be advised of the hazard by posted notices or other means. The station will reduce power or cease operation, if necessary, in order to protect workers on the tower.

With these procedures in place, we believe the proposed W26CE (Channel 26) operation at this new site will be in compliance with the RFR energy requirements of 47 CFR 1.1307(b).