

**RADIO FREQUENCY RADIATION STATEMENT FOR WPTV-DT Channel 55
WEST PALM BEACH FLORIDA
SCRIPPS HOWARD BROADCASTING COMPANY**

I have examined the Commission's environmental requirements in 47 C.F.R. Section 1.1307, pursuant to FCC Form 301(Page 17) paragraph 2. I have determined that operation of the WPTV facility, both analog channel 5 and DTV channel 55, will not have a significant environmental impact as defined by Section 1.1307, that includes exposure of workers or the general public to levels of Radio Frequency Radiation exceeding the latest guidelines issued by the American National Standards Institute and OET Bulletin 65, 97-01, August 1997.

WPTV channel 5, operates with an effective radiated power (ERP) of 100,000 Watts visual and 10,000 Watts aural with a radiation center (RC) of 389 meters above ground level (AGL) using a RCA TF6MT which is top mounted on a tower platform with WPTV-DT channel 55. Channel 55 will operate with an ERP of 900 kW from a radiation center of 385 AGL meters using a Dielectric type TFU-28GTH-R O6SP antenna. The tower is centrally located on 40 acres of unpopulated property.

The total field at the base of the tower, at the transmitter building and at ground level was calculated by adding the contributions from the channels 5, and 55 antennas. The calculations were made by following the procedures described in OST Bulletin No. 65, and the RF field was found to be well below 0.2 mW/cm².

The WPTV property, including the tower and buildings, is within a fence with a gate that is closed and locked if no one is working at the site. Signs are posted where appropriate that state: "DANGER HIGH VOLTAGE" and: "CAUTION HIGH LEVEL RADIO FREQUENCY ENERGY NO TRESPASSING".

Procedures are followed to reduce the RF radiated power, or turn-off the radiated power as necessary, for the protection of workers while climbing on the tower during tower maintenance. Anyone at ground level at the WPTV site, within any buildings, or on the roof of the WPTV transmitter building will be in a field well below 0.2mW/cm², when both stations are operating at full licensed power. WPTV has an Occupational Exposure Guide (OEG) with procedures to follow prior to climbing the tower. The OEG is made available to any worker at the site for their reading and review along with a copy of OET Bulletin 56 dated August 1999.



Warren Happel P.E
Consulting Engineer
Scripps Howard Broadcasting Company
April 16, 2003

EXHIBIT 12 WPTV-DT Form FCC 302 Sec III §10 (b)
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