

RFR Exposure Evaluation
WCBS-TV FCC 301 Mod Application
Section III-D Tech Box 13
Environmental Exhibit 79
CBS Broadcasting Inc.
December 6, 2010

CBS Broadcasting Inc., the licensee of WCBS-TV, New York, NY, proposes to modify construction permit BXPCDT-20080523AEH for an auxiliary antenna, located at geographic coordinates 40° 45' 54" North Latitude, 73° 59' 10" West Longitude (NAD27), the site being known as the Empire State Building. The modification proposes to change the operating frequency to coincide with the current post transition channel (33) of the main WCBS-TV license. The ERP proposed is 600 kW to more closely match the current licensed power for the main facility.

An analysis has been made of the human exposure to NEIR using the calculation methodology described in OET Bulletin 65, Edition 97-01, prepared by the FCC Office of Engineering and Technology. There is no proposed change to the center of radiation above ground from that specified in the existing Construction Permit. The proposed increase in ERP will have negligible effect on exposure at ground level as the ground level remains less than 5% of MPE for the General Public. The rooftop is a Controlled environment with access restricted.

If work is done on or near the antenna structure or in an area where over exposure could occur, the licensees will take necessary action to prevent the overexposure of workers including reducing transmitting power or ceasing operation completely.

The instant proposal is categorically excluded from environmental processing since none of the conditions of Sections 1.1306(b)(1), (2), or (3) of the FCC Rules would be involved for the following reasons:

1. The proposed auxiliary antenna facility will utilize an existing supporting structure that is not in or near any location referenced in Section 1.1306(b)(1) of the FCC Rules as being of environmental interest.
2. The provision of Section 1.1306(b)(2) of the FCC Rules relating to the use of high-intensity strobe lighting does not apply since no change in the existing lighting is proposed.

Finally, with regard to RFR exposure concerns, compliance with applicable FCC MPE limits would be achieved.