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NEW TRANSLATOR - CHANNEL 230 - CENTERVILLE, MA
FOR WNCK(FM) - NANTUCKET, MA

ENVIRONMENTAL PROTECTION EXHIBIT

The proposed operation was examined for compliance with RF Exposure Guidelines and found to not exceed any specified exposure limits.

The proposed facility will be located on the tower supporting the WQRC(FM), 260B, Barnstable, MA (Facility ID 58948) and WPXC(FM), 275A, Hyannis, MA, (Facility ID 54620) antennas.

WQRC(FM) operates with an antenna 87 meters AGL with 50 kW ERP (H & V). The F.C.C. OET FM Model computer program predicts a maximum RF density, from its operation, of less than 0.070 mw/cm^2 at two meters above ground.

WPXC(FM) operates with an antenna 113 meters AGL with 3.1 kW ERP (H & V). The F.C.C. OET FM Model computer program predicts a maximum RF density, from its operation, of less than 0.010 mw/cm^2 at two meters above ground.

The proposed operation will use an antenna 20 meters above ground with an ERP of 0.050 kW (H & V). The F.C.C. OET FM Model computer program predicts a maximum RF density, from its operation, of less than 0.003 mw/cm^2 at two meters above ground.

The maximum possible sum of the two operations is 0.083 mw/cm^2 at two meters above ground. This field is below the maximum permissible public exposure of 0.200 mw/cm^2.

The applicant understands that RF levels in excess of the Guidelines may exist on the tower in the vicinity of the antennas. The applicant will, in coordination with other users of the site, reduce power or cease operation as necessary to protect persons having access to the site, tower or antenna from exposure to RF fields in excess of F.C.C. Guidelines.