

EXHIBIT 30
ENVIRONMENTAL STATEMENT
APPLICATION FOR CONSTRUCTION PERMIT
RADIOACTIVE, LLC
SARANAC LAKE, NEW YORK
CH 296C3 11.0 KW (MAX-DA, H&V) 150 METERS

By this one-step upgrade application for construction permit, RadioActive LLC (hereinafter RadioActive) seeks authority to substitute channel 296C3 for channel 296A at Saranac Lake, New York.¹ RadioActive proposes to construct a new commercial FM broadcast station to operate on channel 293C3 (107.1 megahertz (MHz)) with maximum effective radiated power (ERP) of 11.0 kilowatts (kW), circularly polarized, and antenna radiation center height above average terrain (HAAT) of 150 meters. The antenna radiation center height above ground level (AGL) will be 34 meters.

An analysis has been made of the human exposure to radiofrequency radiation (RFR) using the calculation methodology described in *OET Bulletin 65, Edition 97-01*, prepared by the FCC Office of Engineering

¹ The geographic coordinates for the proposed channel 296C3, Saranac Lake, transmitter site are 44° 22' 54" North Latitude, 74° 10' 04" West Longitude (NAD27).

and Technology. A conservative vertical plane relative field factor of 0.5² was used in the calculation of power density. This relative field factor was applied to the proposed maximum ERP of 11.0 kW. To account for ground reflections, a coefficient of 1.6 was included in the calculations. The power density calculations reported herein were made at 107.1 MHz, the center frequency of channel 296C3.

The FCC maximum permissible exposure (MPE) limits for general population/uncontrolled and occupational/controlled exposures are 0.2 milliwatt per square centimeter (mW/cm²) and 1.0 mW/cm², respectively, at 107.1 MHz. At a reference point two meters AGL at the base of the proposed antenna supporting structure, the calculated power density is 0.179 mW/cm², which is 89.5 percent of the FCC MPE limit for general population/uncontrolled exposure and 17.9 percent of the FCC MPE limit for occupational/controlled exposure.

Pursuant to the provisions of *OET Bulletin 65, Edition 97-01*, at multiple-user transmitter sites, only those licensees whose transmitters

² A single-bay antenna exhibiting a vertical plane radiation characteristic of $\cos \theta$ was assumed.

produce power density levels in excess of 5.0 percent of the applicable exposure limit are considered “significant contributors” and share responsibility for actions necessary to bring the local RFR environment into compliance with FCC exposure limits. Since the proposed operation will contribute more than 5.0 percent of the most restrictive permissible exposure at any location on the ground at the site, the channel 296C3 facility is considered a “significant contributor” to the local RF exposure environment. There are no other known operating broadcast facilities at the site.

The proposed operation will also be a “significant contributor” to exposure at locations on the supporting structure near the transmitting antenna. If work is done on the tower in an area where overexposure could occur, RadioActive will take action necessary to prevent the overexposure of workers on the tower, including reducing transmitter power or ceasing station operation completely. Additionally, RadioActive will cooperate with other site users to assure that work is performed at the site without exceeding the FCC MPEs for occupational/controlled exposure.

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 channel 296C3 facility proposed herein will utilize an existing supporting structure.

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 the tower is not lit with high intensity strobe lights.

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

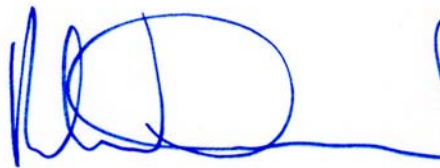
DENNY & ASSOCIATES, P.C.
CONSULTING ENGINEERS
OXON HILL, MARYLAND

Exhibit 30, Environmental Statement
Channel 296C3, Saranac Lake, New York

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Certification

I certify under penalty of perjury that the foregoing is true and correct. Executed on December 22, 2004.

A handwritten signature in blue ink, appearing to read 'RD', with a long horizontal line extending to the right.

Robert W. Denny, Jr., P.E.

