

RADIOTECHNIQUES

402 Tenth Avenue • PO Box 367 • Haddon Heights, NJ 08035
856-546-8008 • Fax: 856-546-1841

Exhibit 17 1

Environmental Statement

Edward A. Schober – New Translator Jersey City, NJ
August 2013

Section 106 Review

The existing building was built prior to March 16, 2001. The antenna collocation programmatic agreement generally allows collocation without consultation or review under Section 106 Subpart B of 36CFR Part 800. No further review is necessary as :

- The mounting of the antenna will not result in a substantial increase in the size of the tower.
- Prior to the collocation, the tower has not been determined by the FCC to have an effect on one or more historic properties,
- The tower is not the subject of a pending environmental review,
- The collocation licensee has not received a written or electronic notification that the FCC is in receipt of a complaint that the collocation has an adverse effect on one or more historic properties.

FCC Part 1.1306

- The site is not within an officially designated wilderness area or wildlife preserve.
- The mounting of the antenna will not effect endangered species.
- The site is not in a floodplain.
- The mounting of the antenna will not involve a change in surface features.
- There is no change to the tower lighting.
- The mounting of the antenna does not exceed human exposure limits. See below.
- Compliance with RF safety requirements in accordance with FCC part 1.1306(8)b) is demonstrated in Figure 1 of this exhibit, does not exceed human exposure limits.
- In conclusion, the site is compliant as shown in Figure 1 of this exhibit.

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Exhibit 17 2 Environmental Statement Edward A. Schober – New Translator Jersey City, NJ August 2013

RF Worksheet #1 - FM (Including translators and boosters)

Effective Radiation Center Height Line

Enter the proposed "Height of radiation center above ground"	174 m	
or as listed in Line 1 of Worksheet 1A	174 m	(1)
Is the Antenna supporting structure located on the roof of a building	NO YES/NO	(2)
if Line 2 is "YES" enter the building height measured at the base of the antenna supporting structure in line 3		
If line 2 is "NO" enter "0" in Line 3	176 m	(3)
Subtract Line (3) from Line (1)	-2 m	(4)
Subtract the value 2.0 from Line (4)	-4 m	(5)

Total Effective Radiated Power

If "beam tilt" is utilized, list maximum values)

List Effective Radiated Power in the Horizontal Plane	0.11 kW	(6)
List Effective Radiated in the Vertical Plane	0.11 kW	(7)
Add lines 6 and 7 OR listed value from line 2 in Worksheet 1A	0.22 kW	(8)

PERCENTAGE OF FCC RF LIMIT(S) FOR MAXIMUM PERMISSIBLE EXPOSURE

Multiply line 8 by 3341	735.0	(9)
Multiply the value listed in line 5 by itself	16.0	(10)
Divide line 9 by line 10	45.939	(11)
Multiply line 11 by .5	22.969 %	(12)

DETERMINATION OF COMPLIANCE WITH CONTROLLED/OCCUPATIONAL LIMIT

Does Line 12 exceed 100%	NO YES/NO	(13)
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IF YOU ANSWERED "YES" IN LINE 13, THE WORKSHEETS MANY NOT BE USED IN THIS CASE.*

IF YOU ANSWERED "NO" IN LINE 13, THEN THE SITE SHOULD COMPLY WITH THE FCC CONTROLLED/OCCUPATIONAL RF EXPOSURE LIMITS FOR GROUND LEVEL EXPOSURE. #

DETERMINATION OF COMPLIANCE WITH UNCONTROLLED/GENERAL POPULATION LIMIT

Does Line 12 exceed 20%	YES	(14)
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IF YOU ANSWERED "NO" IN LINE 14, THEN THE SITE SHOULD COMPLY WITH THE FCC'S UNCONTROLLED / GENERAL POPULATION RF EXPOSURE LIMITS FOR GROUND LEVEL EXPOSURE. NO FURTHER STUDY REQUIRED

IF YOU ANSWERED "YES" IN LINE (14), CONTINUE

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ROOFTOP WITH RESTRICTED ACCESS

If you answered "Yes" in Line (14) and "yes" in Line (2) (indicating that the tower is located on the roof of a building), and the general public is not allowed access to the rooftop level, repeat lines 5 through 12, entering the value in line (1) directly in Line (4) (If FM Multiple use tower, recalculations should be in accordance with instructions on Worksheet #1A) Otherwise, go on to the next section.

Upon Recalculation, Does line (12) exceed 20% NO (15)

If you answered "Yes" in Line (15), The worksheets may not be used in this case *

If you answered "NO" in Line (15), Then the area at ground level should comply with the FCC's uncontrolled / general population exposure limit. No further study is required.

Note: The antenna will be located on the west side of a large equipment housing which will permit the mounting of the antenna so that it is 6 meters above the roof. The antenna is designed so that little antenna radiation enters the housing. The housing will be marked and locked to prevent employees from entering when the transmitter is energized.