

RUBIN, BEDNAREK & ASSOCIATES, INC.
CONSULTING TELECOMMUNICATIONS ENGINEERS
1350 CONNECTICUT AVENUE, NW - SUITE 610
WASHINGTON, DC 20036

New - Harrisburg, North Carolina

EXHIBIT VI

Radio Frequency Radiation Level Calculations
(Continued)

Calculations to determine radiation levels at ground level (S_{Ground}) and at 2 meters above ground (S_{2mAGL}) for the proposed antenna.

$$S = \frac{(2.56)(1.64)(2)(ERP \text{ watts})(F^2)(1000 \text{ mW / watt})}{4\pi(R)^2}$$

For 2 meters above ground level

$$S_{2mAGL} = \frac{(2.56)(1.64)(2)(6000)(1.0^2)(1000 \text{ mW / watt})}{4\pi(8380 \text{ cm})^2}$$

$$S_{2mAGL} = 0.057 \text{ mW/cm}^2$$

For ground level

$$S_{Ground} = \frac{(2.56)(1.64)(2)(6000)(1.0^2)(1000 \text{ mW / watt})}{4\pi(8580 \text{ cm})^2}$$

$$S_{Ground} = 0.054 \text{ mW/cm}^2$$

 US Department of Transportation Federal Aviation Administration	NOTICE OF PROPOSED CONSTRUCTION OR ALTERATION	Aeronautical Study Number
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1. Nature of Proposal			2. Complete Description of Structure		
A. Type <input checked="" type="checkbox"/> New Construction <input type="checkbox"/> Alteration	B. Class <input checked="" type="checkbox"/> Permanent <input type="checkbox"/> Temporary (Duration _____ months)	C. Work Schedule Dates Beginning <u>Upon FCC CP</u> End <u>Grant 3-6 months</u>	A. Include effective radiated power and assigned frequency of all existing, proposed or modified AM, FM or TV broadcast stations utilizing this structure B. Include size and configuration of power transmission lines and their supporting towers in the vicinity of FAA facilities and public airports C. Include information showing site orientation, dimensions and construction materials of the proposed structure Constant cross-section guyed steel tower supporting a top-mounted FM antenna. Frequency : 92.7 MHz ERP : 6.0 kW (see attached tower sketch)		

3A. Name and address of individual, company, corporation, etc. proposing the construction or alteration. (Number, Street, City, State and Zip Code)

(704)379-9286
area code Telephone Number

Todd Robinson
TO 121 W. Trade Street - Suite 1500
 Charlotte, NC 28201 - 1012

B. Name, address and telephone number of proponent's representative if different than 3 above.

Melvyn Lieberman
 Rubin, Bednarek and Associates, Inc.
 1350 Connecticut Avenue, NW - Suite 610
 Washington, DC 20036 # (202) 296-9380

(if more space is required, continue on a separate sheet.)

4. Location of Structure			5. Height and Elevation (Complete to the nearest foot)	
A. Coordinates (To nearest second) 35° 17' 32" N 80° 45' 10" W	B. Nearest City, Town and State Derita, NC	C. Name of nearest airport, heliport, flightpark, or seaplane base Delta (pvt)	A. Elevation of site above mean sea level 725'	
	(1) Distance to 4B 2.52 Miles	(1) Distance from structure to nearest point of nearest runway 8.0km	B. Height of Structure including all appurtenances and lighting (if any) above ground, or water if so situated 305'	
	(2) Direction to 4B N 270 E	(2) Direction from structure to airport N 158 E	C. Overall height above mean sea level (A + B) 1030'	

D. Description of location of site with respect to highways, streets, airports, prominent terrain features, existing structures, etc. Attach a U.S. Geological Survey quadrangle map or equivalent showing the relationship of construction site to nearest airport(s). *(if more space is required, continue on a separate sheet of paper and attach to this notice.)*

Approximately 0.26 miles Northeast of the intersection of U.S. Route 29 and State Route 49, Mecklenberg County, North Carolina.

Notice is required by Part 77 of the Federal Aviation Regulations (14 C.F.R. Part 77) pursuant to Section 1101 of the Federal Aviation Act of 1958, as amended (49 U.S.C. 1101). Persons who knowingly and willingly violate the Notice requirements of Part 77 are subject to a fine (criminal penalty) of not more than \$500 for the first offense and not more than \$2,000 for subsequent offenses, pursuant to Section 902(a) of the Federal Aviation Act of 1958, as amended (49 U.S.C. 1472(a)).

I HEREBY CERTIFY that all of the above statements made by me are true, complete, and correct to the best of my knowledge. In addition, I agree to obstruction mark and/or light the structure in accordance with established marking & lighting standards if necessary.

Date July 14, 1992	Typed Name/Title of Person Filing Notice Melvyn Lieberman	Signature 
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FOR FAA USE ONLY FAA will either return this form or issue a separate acknowledgement.

The Proposal:

Does not require a notice to FAA.

Is not identified as an obstruction under any standard of FAR, Part 77, Subpart C, and would not be a hazard to air navigation.

Is identified as an obstruction under the standards of FAR, Part 77, Subpart C, but would not be a hazard to air navigation.

Should be obstruction MARKED, lighted per FAA Advisory Circular 70/7460-1, Chapter(s) _____

Obstruction marking and lighting are not necessary.

Supplemental Notice of Construction FAA Form 7460-2 is required any time the project is abandoned, or

At least 48 hours before the start of construction.

Within five days after the construction reaches its greatest height.

This determination expires on _____ unless:

(a) extended, revised or terminated by the issuing office;

(b) the construction is subject to the licensing authority of the Federal Communications Commission and an application for a construction permit is made to the FCC on or before the above expiration date. In such case the determination expires on the date prescribed by the FCC for completion of construction, or on the date the FCC denies the application.

NOTE: Request for extension of the effective period of this determination must be postmarked or delivered to the issuing office at least 15 days prior to the expiration date.

If the structure is subject to the licensing authority of the FCC, a copy of this determination will be sent to that Agency.

Remarks:

Issued In	Signature	Date
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DECLARATION

MELVYN LIEBERMAN, declares and certifies as follows:

That he is associated with the firm of RUBIN, BEDNAREK & ASSOCIATES;

That this firm has been retained by TODD ROBINSON to prepare this amendment to application (BPH-920327MI) requesting a construction permit authorizing installation of an FM broadcasting station to serve Harrisburg, North Carolina;

That his qualifications are a matter of record with the Federal Communications Commission;

That he has either prepared or directly supervised the preparation of all technical material contained in this engineering exhibit and that the facts stated in this amendment are true of his knowledge and belief except as to such statements as are herein stated to be on information and belief and as to such statements he believes them to be true.

July 14, 1952
Date

Melvyn Lieberman
Melvyn Lieberman