

**APPLICATION FOR STATION LICENSE**  
**HUBERT N. HOFFMAN, JR.**  
**WZEZ (FM) RADIO STATION**  
**CH 263A - 100.5 MHZ**  
**GOOCHLAND, VIRGINIA**  
**April 2001**

**EXHIBIT #A**

This Statement was prepared on behalf of Hubert N. Hoffman, Jr. ( Hoffman ), permittee of radio station WZEZ, Channel 263A, Goochland, Virginia. Hoffman holds an outstanding construction permit for WZEZ (BPH-19970605ME). This instant application seeks a license to cover this outstanding construction permit.

The WZEZ facilities have been constructed as authorized in the underlying permit. There are two conditions placed on the permit. The first is the requirement that the power of the authorized facility be lowered or operation ceased to ensure that persons having access to the site were not exposed to radio frequency electromagnetic fields in excess of the FCC guidelines. Hoffman herein restates that he will lower the power of WZEZ or cease operation, as necessary, to ensure that no one is exposed to fields in excess of the FCC limits. The second condition is that the facility was authorized pursuant to §73.215 of the rules. Hoffman acknowledges the facility is authorized under the contour protection rules.

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**EXHIBIT #A1**

**WZEZ Transmission System Calculations**

Effective Radiated Power:

Horizontal	4.8 kilowatts
Vertical	4.8 kilowatts

Antennas:

Electronics Research LPX-2AE  
2 bay full wavelength  
0.9971

Horizontal gain

Transmission Line:  
(203 feet)

Andrew Corp. HJ7-50  
1 5/8 inch air dielectric  
90.7% Efficiency

Required Transmitter Power Output  
To Reach Effective Radiated Power:

5.307 kilowatts

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Facilities Authorized:

Channel 263A - 100.5 MHz

Effective Radiated Power:

4.8 kilowatts (H/V)

Geographic Coordinates:

North Latitude	37 38' 16"
West Longitude	77 54' 21"

Antenna Center of Radiation:

Above Ground	61.0 meters
Above MSL	157.0 meters
HAAT	80.0 meters