

ENGINEERING STATEMENT
RE APPLICATION FOR LICENSE TO COVER
THE OUTSTANDING CONSTRUCTION PERMIT
(FCC FILE NO. BMPCDT-20080620AJA
ON BEHALF OF
WEST VIRGINIA MEDIA HOLDINGS, LLC
WOWK-DT, HUNTINGTON, WEST VIRGINIA
FACILITY ID NO 23342
CHANNEL 13 12.5 KW ND ERP 414 METERS HAAT

FEBRUARY 2009

COHEN, DIPPELL AND EVERIST, P.C.
CONSULTING ENGINEERS
RADIO AND TELEVISION
WASHINGTON, D.C.

COHEN, DIPPELL AND EVERIST, P. C.

City of Washington)
) ss
District of Columbia)

Donald G. Everist, being duly sworn upon his oath, deposes and states that:

He is a graduate electrical engineer, a Registered Professional Engineer in the District of Columbia, and is President, Secretary and Treasurer of Cohen, Dippell and Everist, P.C., Consulting Engineers, Radio - Television, with offices at 1300 L Street, N.W., Suite 1100, Washington, D.C. 20005;

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

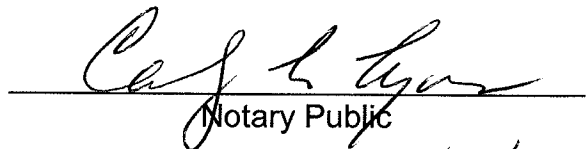
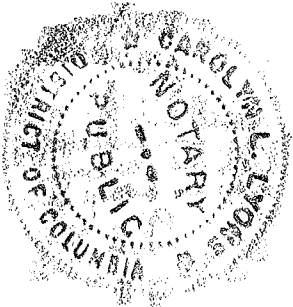
That the attached engineering report was prepared by him or under his supervision and direction and

That the facts stated herein are true of his own knowledge, except such facts as are stated to be on information and belief, and as to such facts he believes them to be true.



Donald G. Everist
District of Columbia
Professional Engineer
Registration No. 5714

Subscribed and sworn to before me this 26th day of February, 2009.



My Commission Expires: 2/28/2013

This engineering statement has been prepared on behalf of West Virginia Media Holdings, LLC, (“WVMH”), licensee of WOWK-TV, Huntington, West Virginia, has an outstanding construction permit for digital television (“DTV”) operation (FCC File No. BMPCDT-20080620AJA). The purpose of this statement is to request a license to cover this outstanding DTV construction permit.

WOWK-DT has been allotted Channel 13 (210-216 MHz) with 15.96 kW (directional maximum ERP) and 396 meters HAAT in the Final Table of Allotments. The construction permit under FCC File No. BMPCDT-20080620AJA authorizes WOWK-DT to build and operate facilities of 12.5 kW ERP non-directional at an HAAT of 414 meters. By FCC File No. BDSTA-20090213GWN, granted February 17, 2009, WOWK-DT was authorized to commence early post-transition digital operation on Channel 13. WOWK-DT constructed the Channel 13 digital facilities exactly in accordance with the construction permit under FCC File No. BMPCDT-20080620AJA. This application request to license these facilities.

Antenna Site

The WOWK-DT antenna operates at a radiation center above ground level (“RCAGL”) of 343.1 meters. The tower site is located at Barkers Ridge Road, Huntington, West Virginia. The antenna structure registration number is 1234025.

The geographic coordinates of the tower site are:

North Latitude: 38° 30' 20"

West Longitude: 82° 12' 32"

(NAD-27)

Antenna Data

Antenna Make and Model

RCA, Model TW-9A 13-R with 0.7 degrees electrical beamtilt. The vertical plane pattern and other exhibits are on file with the FCC in the submission that authorized the outstanding construction permit.

Power Data

Transmitter power output (after filter loss)	1.65 kW	2.19 dBk
Transmission line loss/efficiency 326.1 meters-- 1070 feet of Dielectric, Type DCA, 6-1/8", 75 ohm and 14.3 meters (47 feet) DCA 6-1/8", 50 ohm line--all rigid line	83.8%	0.77 dB
Input power to the antenna	1.39 kW	1.42 dBk
Antenna power gain, main lobe	9	9.54 dB
Effective Radiated Power, Maximum ND	12.5 kW	10.96 dBk

Elevation Data

Vertical dimension for Channel 13 antenna (including lightning protection)	19.8 meters 65 feet
Elevation of the site above mean sea level:	296.2 meters 972 feet
Elevation of the top of existing supporting structure above ground including appurtenances	353.3 meters 1159 feet
Elevation of the top of supporting structure above mean sea level including appurtenances	649.5 meters 2131 feet
Height of Channel 13 antenna radiation center meters above ground	343.1 meters 1125.5 feet
Height of Channel 13 radiation center above mean sea level	639.3 meters 2097.5 feet
Height of Channel 13 antenna radiation center above average terrain	414 meters 1358 feet

Special Operating Conditions

WVMH acknowledges that the grant of this DTV license is subject to the special operating conditions specified in the outstanding construction permit.

Condition 1:

The FCC granted WOWK-DT special temporary authority to commence early post-transition operation on Channel 13 pursuant to FCC File No. BDSTA-20090213GWN.

Condition 2:

WVMH certifies that it has made a good faith effort to identify and notify health care facilities (e.g., hospitals, nursing homes, see 47 CFR 15.242(a)(1)) within the WOWK-DT service area potentially affected by these authorized DTV operations. During this pre-broadcast period, WVMH provided all notified entities with relevant technical details of its authorized operation of WOWK-DT, such as DTV channel, targeted on-air date, effective radiated power, antenna location, and antenna height. Documentation of the notifications and contacts made has been placed in the station's public inspection file. During this pre-broadcast period and for up to twenty (20) days after commencing operations, should WVMH become aware of any instances of medical devices malfunctioning or that such that devices are likely to malfunction due to the WOWK-DT operations, it shall cooperate with the health care facility so that it is afforded a reasonable opportunity to resolve the interference problem.

Section III - Engineering

TECHNICAL SPECIFICATIONS

Ensure that the specifications below are accurate. Contradicting data found elsewhere in this application will be disregarded. All items must be completed. The response "on file" is not acceptable.

TECH BOX

1. Channel _____			
2. Operating Constants			
Transmitter power output (average power at input to transmission line, after any filter attached to the transmitter, if used)		Transmission line power loss	
kW		dBk	
Antenna Input power		Effective radiated power (average power)	
dBk	Maximum antenna power gain	kW	dB
dB		dBk	
3. Antenna Data			
Manufacturer		Model	

NOTE: In addition to the information called for in the Certification Checklist, an explanatory exhibit providing full particulars must be submitted for each question for which a "No" response is provided.

CERTIFICATION

4. Main Studio Location. The main studio location complies with 47 C.F.R. Section 73.1125.	<input type="checkbox"/> Yes <input type="checkbox"/> No	See Explanation in Exhibit No.
5. Constructed Facility. The facility was constructed as authorized in the underlying construction permit or complies with 47 C.F.R. Section 73.1690.	<input type="checkbox"/> Yes <input type="checkbox"/> No	See Explanation in Exhibit No.
6. Special Operating Conditions. The facility was constructed in compliance with all special operating conditions, terms, and obligations described in the construction permit.	<input type="checkbox"/> Yes <input type="checkbox"/> No	See Explanation in Exhibit No.
An exhibit may be required. Review the underlying construction permit.		Exhibit No.
7. Transmitter. The transmitter complies with 47 C.F.R. Section 73.1660.	<input type="checkbox"/> Yes <input type="checkbox"/> No	See Explanation in Exhibit No.

PREPARER'S CERTIFICATION ON PAGE 6 MUST BE COMPLETED AND SIGNED.

APPLICATION FILED PURSUANT TO 47 C.F.R. SECTIONS 73.1675(c) or 73.1690(c).

Only applicants filing this application pursuant to 47 C.F.R. Sections 73.1675(c) or 73.1690(c) must complete the following

8. **Changing transmitter power output.** Is this application being filed to authorize a change in transmitter power output caused by the replacement of an omnidirectional antenna with another omnidirectional antenna or an alteration of the transmission line system? See 47 C.F.R. Sections 73.1690(c)(1) and (c)(10). ☐ Yes ☐ No

9. **Replacing a directional antenna.** Is this application being filed pursuant to 47 C.F.R. Section 73.1690(c)(3) to replace a directional antenna with another directional antenna? ☐ Yes ☐ No

If "Yes" to the above, the applicant certifies the following:

- a. **Pattern of Directional Antenna.** The proposed theoretical antenna pattern complies with 47 C.F.R. Section 73.1690(c)(3). **Exhibit is required.** ☐ Yes ☐ No

See Explanation in Exhibit No.

Exhibit No.

10. **Use a formerly licensed main facility as an auxiliary facility.** Is this application being filed pursuant to 47 C.F.R. Section 73.1675(c)(1) to request authorization to use a formerly licensed main facility as an auxiliary facility and/or change the ERP of the proposed auxiliary facility? ☐ Yes ☐ No

If "Yes" to the above, the applicant certifies the following:

- a. **Auxiliary antenna service area.** The proposed auxiliary facility complies with 47 C.F.R. Section 73.1675(a). **Exhibit is required.** ☐ Yes ☐ No

See Explanation in Exhibit No.

- b. **Environmental Protection Act.** The proposed facility is excluded from environmental processing under 47 C.F.R. Section 1.1306 (*i.e.*, the facility will not have a significant environmental impact and complies with the maximum permissible radiofrequency electromagnetic exposure limits for controlled and uncontrolled environments). ☐ Yes ☐ No

See Explanation in Exhibit No.

By checking "Yes" above, the applicant also certifies that it, in coordination with other users of the site, will reduce power or cease operation as necessary to protect persons having access to the site, tower or antenna from radiofrequency electromagnetic exposure in excess of FCC guidelines.

11. **Change the license status.** Is this application being filed pursuant to 47 C.F.R. Section 73.1690(c)(9) to change the license status from commercial to noncommercial or from noncommercial to commercial? ☐ Yes ☐ No

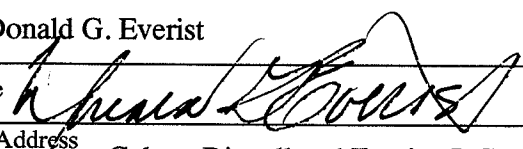
Exhibit No.

If "Yes" to the above, submit an exhibit providing full particulars. For applications changing license status from commercial to noncommercial, include Section II of FCC Form 340 as an exhibit to this application.

PREPARER'S CERTIFICATION ON PAGE 6 MUST BE COMPLETED AND SIGNED.

SECTION III PREPARER'S CERTIFICATION

I certify that I have prepared Section III (Engineering Data) on behalf of the applicant, and that after such preparation, I have examined and found it to be accurate and true to the best of my knowledge and belief.

Name Donald G. Everist		Relationship to Applicant (e.g., Consulting Engineer) Consulting Engineer	
Signature 		Date February 26, 2009	
Mailing Address Cohen, Dippell and Everist, P.C., 1300 L Street, NW, Suite 1100			
City Washington		State or Country (if foreign address) DC	ZIP Code 20005
Telephone Number (include area code) (202) 898-0111		E-Mail Address (if available) cde@attglobal.net	

WILLFUL FALSE STATEMENTS ON THIS FORM ARE PUNISHABLE BY FINE AND/OR IMPRISONMENT (U.S. CODE, TITLE 18, SECTION 1001),
AND/OR REVOCATION OF ANY STATION LICENSE OR CONSTRUCTION PERMIT (U.S. CODE, TITLE 47, SECTION 312(a)(1)),
AND/OR FORFEITURE (U.S. CODE, TITLE 47, SECTION 503).