COPY

Wiley Rein LLP

1776 K STREET NW
WASHINGTON, DC 20006
PHONE 202.719.7000
FAX 202.719.7049

7925 JONES BRANCH DRIVE
McLEAN, VA 22102
PHONE 703.905.2800
FAX 703.905.2820

www.wileyrein.com

August 14, 2007

FILED/ACCEPTED
AUG 14 2007
Federal Communications Commission
Office of the Secretary

Mark Lipp
202.719.7503
mlipp@wileyrein.com

VIA MESSENGER

Marlene H. Dortch, Esq.
Secretary
Federal Communications Commission
445 12th Street, SW
Washington, DC 20554

Re: **Amendment to Application for AM Broadcast Station License**
Brantley Broadcast Associates, LLC
Station WZFN(AM), Dilworth, Minnesota
Facility Identifier Number: 135930
File Number: BL-20070601BTB

Dear Ms. Dortch:

Transmitted herewith on behalf of Brantley Broadcast Associates, LLC, the permittee of Station WZFN(AM), Dilworth, Minnesota, are an original and two copies of an Amendment to its application for an AM broadcast station license to cover construction permit BMP- 20060824AAM. This Amendment is responsive to a July 31, 2007, e-mail request from the processing engineer for additional information The processing engineer asked that the permittee provide additional information on the Form and the details of the sample system. A revised Section III of the License Application as well as a revised Engineering Statement which contains details about the sample system are enclosed.

If there are any questions about this Amendment, please contact undersigned counsel for Brantley Broadcast Associates, LLC.

Sincerely,

Mark Lipp

ML/dmk

Enclosure

cc: Mr. Edward Lubetzky, Audio Division, Media Bureau, FCC

12695210.1

2007 AUG 15 P 1:23

Federal Communications Commission
Washington, D. C. 20554

Approved by OMB
3060-0627
Expires 01/31/98

FOR FCC USE ONLY

FCC 302-AM
APPLICATION FOR AM BROADCAST STATION LICENSE

(Please read instructions before filling out form.

FOR COMMISSION USE ONLY
FILE NO.

SECTION I - APPLICANT FEE INFORMATION

FILED/ACCEPTED
AUG 14 2007
Federal Communications Commission
Office of the Secretary

1. PAYOR NAME (Last, First, Middle Initial)
Wiley Rein LLP

MAILING ADDRESS (Line 1) (Maximum 35 characters)
1776 K Street, NW

MAILING ADDRESS (Line 2) (Maximum 35 characters)

CITY	STATE OR COUNTRY (if foreign address)	ZIP CODE
Washington	DC	20006

TELEPHONE NUMBER (include area code)	CALL LETTERS	OTHER FCC IDENTIFIER (If applicable)
202.719.7000	WZFN(AM)	135930

2. A. Is a fee submitted with this application? ☐ Yes ☑ No

B. If No, indicate reason for fee exemption (see 47 C.F.R. Section

☐ Governmental Entity ☐ Noncommercial educational licensee ☑ Other (Please explain): Supplement

C. If Yes, provide the following information:

Enter in Column (A) the correct Fee Type Code for the service you are applying for. Fee Type Codes may be found in the "Mass Media Services Fee Filing Guide." Column (B) lists the Fee Multiple applicable for this application. Enter fee amount due in Column (C).

(A) FEE TYPE CODE	(B) FEE MULTIPLE	(C) FEE DUE FOR FEE TYPE CODE IN COLUMN (A)	FOR FCC USE ONLY
	0001	$	

To be used only when you are requesting concurrent actions which result in a requirement to list more than one Fee Type Code.

(A)	(B)	(C)	FOR FCC USE ONLY
	0001	$	

ADD ALL AMOUNTS SHOWN IN COLUMN C, AND ENTER THE TOTAL HERE. THIS AMOUNT SHOULD EQUAL YOUR ENCLOSED REMITTANCE.	TOTAL AMOUNT REMITTED WITH THIS APPLICATION	FOR FCC USE ONLY
	$	

SECTION II - APPLICANT INFORMATION		
1. NAME OF APPLICANT Brantley Broadcast Associates, LLC		
MAILING ADDRESS 6930 Cahaba Valley Road, Suite 202		
CITY Birmingham	STATE Alabama	ZIP CODE 35242

2. This application is for:

☑ Commercial ☐ Noncommercial

☑ AM Directional ☐ AM Non-Directional

Call letters	Community of License	Construction Permit File No.	Modification of Construction Permit File No(s).	Expiration Date of Last Construction Permit
WZFN	Dilworth, MN	BNP-20010709ACD	BMP-20060824AAM	6/1/2007

3. Is the station now operating pursuant to automatic program test authority in accordance with 47 C.F.R. Section 73.1620?

☐ Yes ☑ No

If No, explain in an Exhibit.

Exhibit No. 1

4. Have all the terms, conditions, and obligations set forth in the above described construction permit been fully met?

☑ Yes ☐ No

If No, state exceptions in an Exhibit.

Exhibit No.

5. Apart from the changes already reported, has any cause or circumstance arisen since the grant of the underlying construction permit which would result in any statement or representation contained in the construction permit application to be now incorrect?

☑ Yes ☐ No

If Yes, explain in an Exhibit.

Exhibit No.

6. Has the permittee filed its Ownership Report (FCC Form 323) or ownership certification in accordance with 47 C.F.R. Section 73.3615(b)?

☑ Yes ☐ No

☐ Does not apply

If No, explain in an Exhibit.

Exhibit No.

7. Has an adverse finding been made or an adverse final action been taken by any court or administrative body with respect to the applicant or parties to the application in a civil or criminal proceeding, brought under the provisions of any law relating to the following: any felony; mass media related antitrust or unfair competition; fraudulent statements to another governmental unit; or discrimination?

☐ Yes ☑ No

If the answer is Yes, attach as an Exhibit a full disclosure of the persons and matters involved, including an identification of the court or administrative body and the proceeding (by dates and file numbers), and the disposition of the litigation. Where the requisite information has been earlier disclosed in connection with another application or as required by 47 U.S.C. Section 1.65(c), the applicant need only provide: (i) an identification of that previous submission by reference to the file number in the case of an application, the call letters of the station regarding which the application or Section 1.65 information was filed, and the date of filing; and (ii) the disposition of the previously reported matter.

Exhibit No.

8. Does the applicant, or any party to the application, have a petition on file to migrate to the expanded band (1605-1705 kHz) or a permit or license either in the existing band or expanded band that is held in combination (pursuant to the 5 year holding period allowed) with the AM facility proposed to be modified herein?

☐ Yes ☒ No

If Yes, provide particulars as an Exhibit.

Exhibit No.

The APPLICANT hereby waives any claim to the use of any particular frequency or of the electromagnetic spectrum as against the regulatory power of the United States because use of the same, whether by license or otherwise, and requests and authorization in accordance with this application. (See Section 304 of the Communications Act of 1934, as amended).

The APPLICANT acknowledges that all the statements made in this application and attached exhibits are considered material representations and that all the exhibits are a material part hereof and are incorporated herein as set out in full in

CERTIFICATION

1. By checking Yes, the applicant certifies, that, in the case of an individual applicant, he or she is not subject to a denial of federal benefits that includes FCC benefits pursuant to Section 5301 of the Anti-Drug Abuse Act of 1988, 21 U.S.C. Section 862, or, in the case of a non-individual applicant (e.g., corporation, partnership or other unincorporated association), no party to the application is subject to a denial of federal benefits that includes FCC benefits pursuant to that section. For the definition of a "party" for these purposes, see 47 C.F.R. Section 1.2002(b).

☒ Yes ☐ No

2. I certify that the statements in this application are true, complete, and correct to the best of my knowledge and belief, and are made in good faith.

Name	Signature	
Joan Reynolds		
Title	Date	Telephone Number
Managing Member	8/13/2007	205.618.2020

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

FCC NOTICE TO INDIVIDUALS REQUIRED BY THE PRIVACY ACT AND THE PAPERWORK REDUCTION ACT

The solicitation of personal information requested in this application is authorized by the Communications Act of 1934, as amended. The Commission will use the information provided in this form to determine whether grant of the application is in the public interest. In reaching that determination, or for law enforcement purposes, it may become necessary to refer personal information contained in this form to another government agency. In addition, all information provided in this form will be available for public inspection. If information requested on the form is not provided, the application may be returned without action having been taken upon it or its processing may be delayed while a request is made to provide the missing information. Your response is required to obtain the requested authorization.

Public reporting burden for this collection of information is estimated to average 639 hours and 53 minutes per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden, can be sent to the Federal Communications Commission, Records Management Branch, Paperwork Reduction Project (3060-0627), Washington, D. C. 20554. Do NOT send completed forms to this address.

THE FOREGOING NOTICE IS REQUIRED BY THE PRIVACY ACT OF 1974, P.L. 93-579, DECEMBER 31, 1974, 5 U.S.C. 552a(e)(3), AND THE PAPERWORK REDUCTION ACT OF 1980, P.L. 96-511, DECEMBER 11, 1980, 44 U.S.C. 3507.

SECTION III - LICENSE APPLICATION ENGINEERING DATA

Name of Applicant

Brantley Broadcast Associates, LLC

PURPOSE OF AUTHORIZATION APPLIED FOR: (check one)

[x] Station License [ ] Direct Measurement of Power

1. Facilities authorized in construction permit

Call Sign	File No. of Construction Permit (if applicable)	Frequency (kHz)	Hours of Operation	Power in kilowatts	
				Night	Day
WZFN	BMP-20060824AAM	1100	Unlimited	0.44	50.0

2. Station location

State	City or Town
Minnesota	Dilworth

3. Transmitter location

State	County	City or Town	Street address (or other identification)
MN	Clay	Sabin	6062 90th Ave. S.

4. Main studio location

State	County	City or Town	Street address (or other identification)
	As Above		

5. Remote control point location (specify only if authorized directional antenna)

State	County	City or Town	Street address (or other identification)
	As Above		

6. Has type-approved stereo generating equipment been installed? [ ] Yes [x] No

7. Does the sampling system meet the requirements of 47 C.F.R. Section 73.68? [x] Yes [ ] No [ ] Not Applicable

Attach as an Exhibit a detailed description of the sampling system as installed. **SEE NARRATIVE** Exhibit No.

8. Operating constants:

RF common point or antenna current (in amperes) without modulation for night system	RF common point or antenna current (in amperes) without modulation for day system
3.08	Day: 31.6 Critical Hours: 10.0

Measured antenna or common point resistance (in ohms) at operating frequency		Measured antenna or common point reactance (in ohms) at operating frequency	
Night	Day/Critical Hrs	Night	Day/Critical Hours
50.0	50.0	+j0.0	+j106.0

Antenna indications for directional operation

Towers	Antenna monitor Phase reading(s) in degrees		Antenna monitor sample current ratio(s)		Antenna base currents	
	Night	Day/CH	Night	Day/CH	Night	Day
1	0.0	-	1.000	-	N/A	N/A
2	+33.0	-	0.900	-		

Manufacturer and type of antenna monitor: Potomac Instruments AM-19 (204) SN: 1944

SECTION III - Page 2

9. Description of antenna system ((f directional antenna is used, the information requested below should be given for each element of the array. Use separate sheets if necessary.)

Type Radiator	Overall height in meters of radiator above base insulator, or above base, if grounded.	Overall height in meters above ground (without obstruction lighting)	Overall height in meters above ground (include obstruction lighting)	If antenna is either top loaded or sectionalized, describe fully in an Exhibit.
FOR BOTH TOWERS: SELF-SUPPORTING	60.2	60.7	60.7	Exhibit No. N/A

Excitation ☐ Series ☒ Shunt

Geographic coordinates to nearest second. For directional antenna give coordinates of center of array. For single vertical radiator give tower location.

North Latitude	West Longitude
46 ° 45 ' 43 "	96 ° 40 ' 18 "

If not fully described above, attach as an Exhibit further details and dimensions including any other antenna mounted on tower and associated isolation circuits. **SEE NARRATIVE** Exhibit No.

Also, if necessary for a complete description, attach as an Exhibit a sketch of the details and dimensions of ground system. **SEE NARRATIVE** Exhibit No.

10. In what respect, if any, does the apparatus constructed differ from that described in the application for construction permit or in the permit?

None

11. Give reasons for the change in antenna or common point resistance.

N/A

I certify that I represent the applicant in the capacity indicated below and that I have examined the foregoing statement of technical information and that it is true to the best of my knowledge and belief.

Name (Please Print or Type)	Signature (check appropriate box below)
John R. Furr	
Address (include ZIP Code)	Date
Paradigm Associates, Inc. 8918 Tesoro Drive, Suite 501 San Antonio, TX 78217-6220	08-01-2007
	Telephone No. (Include Area Code)
	210.828-4555

☐ Technical Director

☐ Registered Professional Engineer

☐ Chief Operator

☒ Technical Consultant

☐ Other (specify)

ENGINEERING STATEMENT

Brantley Broadcast Associates, LLC ("Brantley") holds a permit to construct a new AM broadcast station at Dilworth, Minnesota (WZFN(CP), BMP-20060824AAM, BNP-20010709ACD, FCC ID number 135930). Construction of this facility is complete. Brantley has completed adjustment of the nighttime directional array, as well as the required non-directional and directional field measurements. Brantley is filing the instant application for a license to cover the cited permit pursuant to a tolling waiver that was issued earlier.

The WZFN array consists of two self-supporting towers, each 60.7 meters high overall. The radiator height of each of these towers is 60.2 meters, or 79.5 electrical degrees at 1100 kHz. Each tower is driven by a folded unipole adjusted so that the electrical resistance at the feed point is exactly 50 ohms. Each tower is connected by copper strap to a radial system consisting of 120 equally-spaced copper wires 68.2 meters in length (90 electrical degrees), except where foreshortened at the intersection of the two radial patterns. At that point, the radials are soldered to copper strap. 120 additional wires 9.5 meters in length (12.5 electrical degrees) are interspersed between these longer wires. This ground system is buried approximately 15 centimeters (6 inches) below grade level. The coordinates of the northwest tower are 46-45-44 NL and 96-40-19 WL. The coordinates of the southeast tower are 46-45-42 NL and 96-40-17 WL. The coordinates of the geometric center of the array are 46-45-43 NL and 96-40-18 WL. All coordinates are NAD 27.

The sample system utilizes a Delta Electronics TCT-1 current transformer at the output of each ATU circuit. These transformers are connected to the antenna monitor by equal lengths of buried Andrew LDF2-50 cable. This cable is 3/8 inches in outer diameter, with a semi-rigid copper outer conductor and foam dielectric. The characteristic impedance is 50 ohms, and the velocity factor is 88 percent. These cables were cut to a length of 47 meters each, or 70.5 electrical degrees at a velocity factor of 88 percent. The antenna monitor installed is a Potomac Instruments AM-19 (204), serial number 1944.

The northwest tower (the day/critical hours tower) was driven for the non-directional measurements, the southwest tower having first been detuned with an isolation network at the base. The feed point impedance of this tower was measured and found to be 50.0 +j106 ohms. The drive current was adjusted to 4.47 amperes, as indicated on a Delta Electronics TCT 1-HVm, serial number 296, for in input power of 0.999 kW. This current was maintained closely during the non-directional measurements. For the directional measurements, the array was driven normally, the common point impedance having been adjusted for 50.0 +j0 ohms. The drive current was adjusted to the proper operating current, 3.08 amperes, as measured on a thermocouple

ammeter. This current was calculated pursuant to the requirements of 47 CFR §73.51(b)(1), which requires that the actual input power of a directional antenna exceed the nominal power by 8 percent for stations with a nominal power of 5.0 kW or less. In this case the nominal nighttime directional power is 0.44 kW, and the nominal power increased by 8 percent is 0.4752 kW, which is 3.08 amperes into 50 ohms. This current was maintained closely during the directional measurements.

The antenna monitor readings obtained once correct adjustment was confirmed were:

	Phase, degrees	Sample Current Ratio
Tower 1 (NW)	0.0	1.000
Tower 2 (SE)	+30.0	0.900

The day and critical hours (tower 1) antenna current was measured utilizing a Delta Electronics TCA-40 TCT. The day (50.0 kW) antenna current obtained was 31.6 amperes. The critical hours (5.0 kW) antenna current obtained was 10.0 amperes.

The test equipment utilized for the impedance measurements consisted of a Delta Electronics OIB-3, serial number 929. This instrument was driven by the transmitter operating on low power. The field intensity measurements were conducted utilizing two Potomac Instruments FIM-41 units. Serial number 1391 was last factory calibrated on May 10, 2007. Serial number 898 was factory calibrated on May 25, 1999. This meter had been previously compared to an FIM-21, last factory calibrated on February 13, 2006, and was also compared to serial number 1391. It was found to agree closely with both meters (within approximately two percent). These meters were calibrated by the operators according to the manufacturer's instructions at each measurement location. The measurements were conducted by Mr. Lee Reynolds, with the assistance of Mr. Virgil Leon Strickland and Mr. Robert Williams. All of these individuals are experienced in making such measurements, and with the test equipment utilized.

The above and attached information is true and correct as to my knowledge and belief.

August 1, 2007

John R. Furr

TABLE OF CONTENTS