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| Federal Communications Commission Washington, D.C. 20554 | Approved by OMB 3060-0386 (July 2002) | FOR FCC USE ONLY |
| Extension of Existing Engineering STA Read Instructions/FAQ before filling out form | | FOR COMMISSION USE ONLY FILE NO. |

Section I - General Information

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|----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------|----------------------------------------------------------------------------------------------------|
| 1. | Legal Name of the Applicant Family Stations, Inc. | | |
| | Mailing Address 112 North Elm Street | | |
| | City Shenandoah | State or Country (if foreign address) IA | Zip Code 51601 |
| | Telephone Number (include area code) (712) 246-5151 | | E-Mail Address (if available) jburkhiser@familyradio.org |
| | FCC Registration No 0001545607 | Call Sign WFME | Facility ID Number 29024 |
| 2. | Contact Representative (if other than licensee/permittee) Matthew H. McCormick | | Firm or Company Name FLETCHER, HEALD & HILDRETH, P.L.C. |
| | Mailing Address 1300 NORTH 17TH STREET 11TH FLOOR | | |
| | City ARLINGTON | State or Country (if foreign address) VA | ZIP Code 22209 - |
| | Telephone Number (include area code) (703) 812-0400 | | E-Mail Address (if available) McCormick@FHHLaw.com |
| 3. | Purpose: <input type="radio"/> Engineering STA <input checked="" type="radio"/> Extension of Existing Engineering STA BSTA-20211021AAE <input type="radio"/> Legal STA <input type="radio"/> Extension of Existing Legal STA | | |
| 4. | Service: AM | | |
| 5. | Community of License: City: New York State: NY | | |
| 6. | If this application has been submitted without a fee, indicate reason for fee exemption (see 47 C.F.R. Section 1.1114): <input type="radio"/> Governmental Entity <input checked="" type="radio"/> Noncommercial Educational Licensee/Permittee <input type="radio"/> Other <input type="radio"/> N/A (Fee Required) | | |
| 7. | 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). Unless the applicant can determine compliance through the use of the RF worksheets in Appendix A, an Exhibit is required. 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. | | <input checked="" type="radio"/> Yes <input type="radio"/> No See Explanation in Exhibit 23 |

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| 8. | Please explain in detail the "extraordinary circumstances" which warrant temporary operations at variance from the Commission's Rules. In addition, please specify 1) the specific rules and/or policies from which the applicant seeks temporary relief 2) how the public interest will be furthered by grant and 3) the expected duration of the STA and the licensee's plan for restoration of licensed operation. If requesting variance with other than authorized technical facilities, please specify the exact facilities sought. | Exhibit 24 |
| 9. | Anti-Drug Abuse Act Certification. Applicant certifies that neither applicant nor any party to the application is subject to denial of federal benefits pursuant to Section 5301 of the Anti-Drug Abuse Act of 1988, 21 U.S.C. Section 862. | <input checked="" type="radio"/> Yes <input type="radio"/> No |

I hereby 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. I acknowledge that all certifications and attached Exhibits are considered material representations.

| | |
|---------------------------------------------------------|-------------------------------------------------------|
| Typed or Printed Name of Person Signing Thomas Evans | Typed or Printed Title of Person Signing President |
| Signature | Date (mm/dd/yyyy) 06/23/2022 |

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).

Exhibit 24

Description: Reason for Request

Please see the attached letter and engineering statement.



Family Stations, Inc.
112 North Elm Street
Shenandoah, Iowa 51601
712.246.5151 (MAIN); jburkhiser@familyradio.org

June 23, 2022

Federal Communications Commission
Office of the Secretary, the Honorable Marlene Dortch
45 L Street
Washington, DC 20554

RE: WFME (AM) New York, NY
Facility ID# 29024

To the Honorable Ms. Dortch;

As stated in the original Engineering Special Temporary Authority (STA) application (BSTA-20211021AAE, attached), noncommercial education station WFME has been operating at reduced power since October 25, 2021, due to the licensed transmitting site for WFME being sold, and the licensee's temporary installation at the site of FM broadcast stations WNSH and WFMU (and six other FM auxiliary licenses), an antenna installation owned by Family Stations, Inc. (FSI). In October 2021, FSI requested that WFME be authorized to operate at 1 kW (2%) at this antenna installation in order to permit continued operation of WFME and the Commission granted an Engineering STA (BSTA-20211021AAE, also attached).

The licensee was exploring its options and ways to best provide service to its community of license when it requested and was granted another Extension of the original Engineering STA (BSTA-20211021AAE) to remain at its current site and power in order to allow the station to continue to provide service to the New York City community while considering its possibilities (BESTA-20220419AAF).

Since the Engineering STA Extension was granted by the Commission, the licensee now proposes to increase the STA power up to 10 kW to best provide service to its community of license. FSI respectfully requests an Engineering STA to increase power up to 10 kW, as provided for in the attached Exhibit.

The operation of WFME, as proposed under this STA Request, will not have a significant environmental impact and complies with the Maximum Permissible Radio Frequency Electromagnetic Exposure Limits for controlled and uncontrolled environments. The licensee of WFME also certifies that it, in coordination with other potential users of the relevant site, will reduced power or crease operation as necessary to protect persons having access to the site, tower, or antenna from radio frequency electromagnetic exposure in excess of FCC guidelines.

The applicant certifies that neither applicant nor any party to the application is subject to denial of federal benefits pursuant to Section 5301 of the Anti-Drug Abuse Act of 1988, 21 U.S.C. Section 862.

On behalf of the President of Family Stations, Inc., Thomas Evans, I hereby 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.

Sincerely,

A handwritten signature in cursive script that reads "Jennifer D. Burkhiser".

Jennifer Burkhiser, Director of Compliance, FSI.

Cc: Thomas Evans, President, FSI.

David Shantz, Director of Engineering, FSI.

Jeffrey Zimmer, Chief Operator and Director of Maintenance Engineering, FSI.

Robert Branch, Signal Management and Engineering Consultant, FSI.

Matthew McCormick, Esq., Fletcher, Heald & Hildreth, P.L.C.

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JAMES B. HATFIELD, PE
CONSULTANT

MAURY L. HATFIELD, PE
(1942-2009)

PAUL W. LEONARD, PE
(1925-2011)

ENGINEERING STATEMENT:

Request for Special Temporary Authority

Radio Station WFME, 1560 kHz, New York, New York

Facility ID # 29024

June 18, 2022

Engineering Statement Radio Station WFME, New York, NY

This Engineering Statement has been prepared on behalf of Family Stations, Inc., licensee of standard broadcast station WFME, New York, NY.

WFME is a class A (formerly class I-B) AM broadcast station, which is licensed for operation with 50 kW fulltime, employing different directional patterns for operation daytime (sunrise NYC to sunset Bakersfield, CA) and nighttime (sunset Bakersfield, CA to sunrise NYC). The licensed transmitting site for WFME has been sold, and the station currently holds Special Temporary Authority to operate with STA facilities, BESTA20220419AAF.

In order to permit continued operation of WFME, Family Stations has been operating it from a temporary installation at the site of FM broadcast stations WNSH & WFMU (and six other FM auxiliary licenses), an antenna installation which is owned by Family Stations. This site is located in reasonable proximity to the community of license of WFME, New York City, about 25 km west of that community. The original STA, BSTA2021 authorized operation with 12.5 kW, but was amended to 1 kW in order to ensure that no electromagnetic incompatibility with other nearby facilities was encountered. This operation has resulted in no interference complaints. The licensee now proposes to increase the STA operation to 10 kW. This operation will be phased in, with operation at 2.5 kW for two weeks, then operation with 5 kW for 4 weeks, and only then, provided no interference conditions occur, increasing power to the full 10.0 kW.

The physical facilities will remain unchanged. A slant wire feed wire extends to an intermediate level of the grounded 203 foot tapered self-supporting tower (ASRN 1045804) which also supports the pole mounted FM antenna for the FM stations, mounted and configured as shown in the original engineering statement. The base of this wire is terminated on the roof of the adjacent equipment building and the matching network is installed in an antenna tuning unit at this location. The installation has minimal ground system, and this has been taken into account in the efficiency analysis. The assumed efficiency for this antenna installation, based on reasonable assumptions and a moment method model, is 225 mV/m/kW/km. Operation is proposed with no more than 10.0 kW.

The attached map shows that operating with 10 kW (20% of licensed power) the proposed STA facility will provide signal in excess of 0.5 mV/m to all of the community of license. No complaints of interference to other licensees are anticipated. This proposal also meets the Media Bureau's four criteria for STA operation at a site other than the licensed main transmitter site.

The tower base is surrounded by a perimeter fence (and locked gate) and since the tower is grounded fields are anticipated to be low. Measurements will be made to determine any increase in the fence distance from the tower required to limit access to area where the public exposure standard of 47CFR 73.1.1310 is determined to be exceeded.

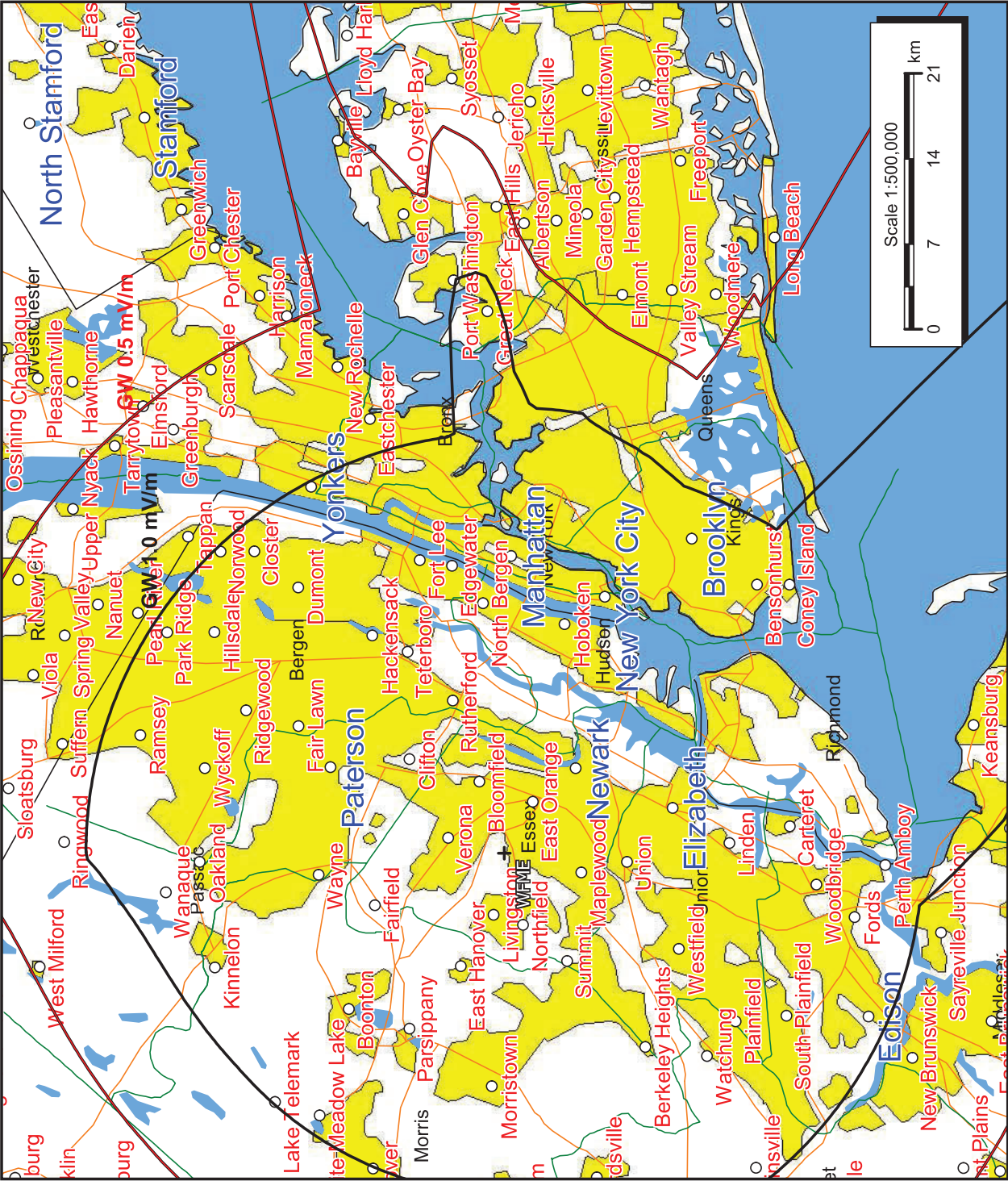
06/18/2022



Benj. F. Dawson III, P.E.

Attachment: Map of 0.5 mV/m Contour for Proposed STA with 10 kW

WFME
Freq: 1560 kHz
Class: A
Latitude: 40-47-18 N
Longitude: 074-15-19 W
Power: 10 kW
RMS: 225 mV/m @1km
Towers: 1
Augs: 0



WFME 0.5 and 1.0 mV/m Coverage of New York City from Orange Antenna Site, 10 kW Power