

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

Section I - General Information

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) 7122465151		E-Mail Address (if available) JBURKHISER@FAMILYRADIO.ORG
	FCC Registration No 0001545607	Call Sign WFSI	Facility ID Number 43864
2.	Contact Representative (if other than licensee/permittee) KATHLEEN VICTORY, ESQ.		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) 7038120473		E-Mail Address (if available) VICTORY@FHHLAW.COM
3.	Purpose:		
	<input checked="" type="radio"/> Engineering STA		
	<input type="radio"/> Extension of Existing Engineering STA		
	<input type="radio"/> Legal STA		
	<input type="radio"/> Extension of Existing Legal STA		
4.	Service: AM		
5.	Community of License: City: BALTIMORE State: MD		
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)		

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

7.0.	STA is requested for use of
	<input checked="" type="radio"/> Licensed Antenna system with:
	<input checked="" type="radio"/> Reduced power
	<input type="radio"/> Reduced hours of operation

- Required equipment out of service
- Other variance [Exhibit 13]

Antenna system authorized by Construction Permit: -
Describe requested modes of operation [Exhibit 14]

Emergency wire antenna. Provide a full description in the Exhibit to Question 8. Do not complete the directional or nondirectional tower subforms.

Other antenna system: (Complete Items 7.1 - 7.7)

7.1. Frequency: 860 kHz

7.2. Class (select one):

- A B C D

7.3. Hours of Operation:

- Unlimited Limited Daytime Share Time Specified Hours:

7.4. Daytime: Yes No

[Daytime Operation]

7.4. Daytime Operation

a. Power: 1.16 kW

b. Antenna Location Coordinates: (NAD 27)

Latitude:

Degrees 39 Minutes 18 Seconds 43 North South

Longitude:

Degrees 76 Minutes 29 Seconds 26 West East

c. and d.

Complete the appropriate following items. If additional space is needed, please provide the information [Exhibit 17] requested below in an Exhibit.

- Nondirectional Directional

Theoretical RMS:

320.282 (Corrected Field 299.482)

mV/m per kW at 1 km (Nondirectional)

mV/m at 1 km (Directional)

Standard RMS:

mV/m at 1 km (Directional Only)

[Nondirectional Tower Subform]

or

[Directional Towers Subform]

7.5. **Nighttime:** Yes No
[Nighttime Operation]

7.5. Nighttime Operation

a. Power: 0.00 kW

b. Antenna Location Coordinates: (NAD 27)

Latitude:

Degrees 39 Minutes 18 Seconds 43 North South

Longitude:

Degrees 76 Minutes 29 Seconds 26 West East

c. and d.

Complete the appropriate following items. If additional space is needed, please provide the information [Exhibit 18] requested below in an Exhibit.

Nondirectional Directional

Theoretical RMS: mV/m per kW at 1 km (Nondirectional)
mV/m at 1 km (Directional)

Standard RMS: mV/m at 1 km (Directional Only)

[Nondirectional Tower Subform]

or

[Directional Towers Subform]

7.6. **Critical Hours Operation:** Yes No
[Critical Hours Operation]

7.7. **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.

Yes No

See Explanation in
[Exhibit 15]

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 16]
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 certify that I have prepared 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 DAVID SHANTZ	Relationship to Applicant (e.g., Consulting Engineer) DIRECTOR OF ENGINEERING	
Signature	Date (mm/dd/yyyy) 4/5/2023	
Mailing Address 4057 RURAL PLAINS CIRCLE, SUITE 300B		
City FRANKLIN	State or Country (if foreign address) IN	Zip Code 37064 -
Telephone Number (No dashes or parentheses, include area code) 707-326-9919	E-Mail Address (if available) DSHANTZ@FAMILYRADIO.ORG	

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) 4/5/2023

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).

Exhibits

Exhibit 15

Description: WFSI AM BALTIMORE, MD - ENVIRONMENTAL PROTECTION

THE OPERATION OF WFSI AM 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 WFSI AM ALSO CERTIFIES THAT IT, IN COORDINATION WITH OTHER POTENTIAL USERS OF THE RELEVANT SITE, WILL REDUCE POWER OR CEASE OPERATION AS NECESSARY TO PROTECT PERSONS HAVING ACCESS TO THE SITE, TOWER, OR ANTENNA FROM RADIO FREQUENCY ELECTROMAGNETIC EXPOSURE IN EXCESS OF FCC GUIDELINES.

Attachment 15

Exhibit 16

Description: WFSI AM BALTIMORE, MD - ENGINEERING STA REQUEST

AM STATION WFSI (FIN: 43864) LICENSED TO FAMILY STATIONS, INC. (FSI) TO SERVE THE BALTIMORE, MD, COMMUNITY AS A NONCOMMERCIAL, EDUCATIONAL STATION WENT TO REDUCED POWER DURING ITS DAYTIME OPERATION (ABOUT 65% OR 1.16 KW) AND SILENT DURING ITS NIGHTTIME OPERATION ON 3/4/2023 AS A RESULT OF FAILED PA MODULE AND ENVIRONMENTAL FACTORS IMPACTING ITS SIGNAL QUALITY. THE LICENSEE SENT

A LETTER DATED 3/14/2023 NOTIFYING THE FCC OF LOW POWER OPERATION. THE STATION WENT COMPLETELY SILENT AND THE LICENSEE FILED A NOTICE OF SILENCE WITH THE COMMISSION ON 3/17/2023 (LMS 0000212701).

Attachment 16

HOWEVER, WFSI RESUMED OPERATIONS DURING THE DAYTIME ON 03/29/2023 AND CONTINUES TO BE SILENT AT NIGHT. THE LOCAL ENGINEER IS WORKING ON ARRANGEMENTS TO REPLACE THE POWER MODULE AND FOR FLOODING AT THE SITE TO SUBSIDE AND ANTICIPATES THAT, AS SOON AS THE POWER MODULE IS REPLACED, NORMAL OPERATIONS WILL RESUME AS SOON AS POSSIBLE.

IN THE INTERIM, LICENSEE REQUESTS AN ENGINEERING SPECIAL TEMPORARY AUTHORITY FROM THE COMMISSION TO OPERATE THE STATION AT REDUCED POWER OF ABOUT 65% (1.16 KW) IN THE DAYTIME AND SILENT AT NIGHTTIME TO CONTINUE TO SERVE THE PUBLIC INTEREST OF BALTIMORE.