SECTION V-B – FM BROADCAST ENGINEERING DATA (Page 2)

4. Does the application propose to correct previous site coordinates? ☐ Yes ☒ No
If Yes, list old coordinates.

Latitude ° ' "	Longitude ° ' "

5. Has the FAA been notified of the proposed construction? ☐ Yes ☒ No
If Yes, give date and office where notice was filed and attach as an Exhibit a copy of FAA determination, if available. Exhibit No.

Date _____ Office where filed _____

6. List all landing areas within 8 km of antenna site. Specify distance and bearing from structure to nearest point of the nearest runway.

	Landing Area	Distance (km)	Bearing (degrees True)
(a)	Pine Lake	6.86 km	270.3°
(b)			

7. (a) Elevation: *(to the nearest meter)*

(1) of site above mean sea level: 311 meters

(2) of the top of supporting structure above ground (including antenna, all other appurtenances, and lighting, if any); and 124 meters

(3) of the top of supporting structure above mean sea level [(a)(1) + (a)(2)] 435 meters

(b) Height of radiation center: *(to the nearest meter)* H = Horizontal; V = Vertical

(1) above ground 100 meters (H)
100 meters (V)

(2) above mean sea level [(a)(1) + (b)(1)] 411 meters (H)
411 meters (V)

(3) above average terrain 100 meters (H)
100 meters (V)

8. Attach as an Exhibit sketch(es) of the supporting structure, labelling all elevations required in Question 7 above, except Item 7(b)(3). If mounted on an AM directional-array element, specify heights and orientations of all array towers, as well as location of FM radiator. Exhibit No. 1

9. Effective Radiated Power:
(a) ERP in the horizontal plane 6.0 kw (H*) 6.0 kw (V*)

(b) Is beam tilt proposed? ☐ Yes ☒ No

If Yes, specify maximum ERP in the plane of the tilted beam, and attach as an Exhibit a vertical elevational plot of radiated field. Exhibit No.
_____ kw (H*) _____ kw (V*)

*Polarization

SECTION V-B – FM BROADCAST ENGINEERING DATA (Page 3)

10. Is a directional antenna proposed? [X] Yes [ ] No

If Yes, attach as an Exhibit a statement with all data specified in 47 C.F.R. Section 73.316, including plot(s) and tabulations of the relative field. Exhibit No. 2

11. Will the proposed facility satisfy the requirements of 47 C.F.R. Sections 73.315(a) and (b)? [X] Yes [ ] No

If No, attach as an Exhibit a request for waiver and justification therefor, including amounts and percentages of population and area that will not receive 8.16 mV/m service. Exhibit No.

12. Will the main studio be within the protected 8.16 mV/m field strength contour of this proposal? [X] Yes [ ] No

If No, attach as an Exhibit justification pursuant to 47 C.F.R. Section 73.1125. Exhibit No.

13. (a) Does the proposed facility satisfy the requirements of 47 C.F.R. Section 73.207? [ ] Yes [X] No

(b) If the answer to (a) is No, does 47 C.F.R. Section 73.213 apply? [ ] Yes [X] No

15. Attach as an Exhibit a 7.5 minute series U.S. Geological Survey topographic quadrangle map that shows clearly, legibly, and accurately, the location of the proposed transmitting antenna. This map must comply with the requirements set forth in Instruction V. The map must further clearly and legibly display the original printed contour lines and data as well as latitude and longitude markings, and must bear a scale of distance in kilometers.

Exhibit No. **

16. Attach as an Exhibit *(name the source)* a map which shows clearly, legibly, and accurately, and with the original printed latitude and longitude markings and a scale of distance in kilometers:

Exhibit No. 5

(a) the proposed transmitter location, and the radials along which profile graphs have been prepared;

(b) the 8.16 mV/m and 1 mV/m predicted contours; and

(c) the legal boundaries of the principal community to be served.

17. Specify area in square kilometers (1 sq. mi. = 2.59 sq. km.) and population (latest census) within the predicted 1 mV/m contour.

Area 2,199 sq. km. Population 617,478

18. For an application involving an auxiliary facility only, attach as an Exhibit a map *(Sectional Aeronautical Chart or equivalent)* that shows clearly, legibly, and accurately, and with latitude and longitude markings and a scale of distance in kilometers:

Exhibit No.

(a) the proposed auxiliary 1 mV/m contour; and

(b) the 1 mV/m contour of the licensed main facility for which the applied-for facility will be auxiliary. Also specify the file number of the license.

19. Terrain and coverage data *(to be calculated in accordance with 47 C.F.R. Section 73.313)*

Source of terrain data: *(check only one box below)*

[X] Linearly interpolated 30-second database [ ] 7.5 minute topographic map

(Source: TPG-0050)

[ ] Other *(briefly summarize)*

** On file in BPH 911230ME

SECTION V-B – FM BROADCAST ENGINEERING DATA (Page 5)

Radial bearing (degrees True)	Height of radiation center above average elevation of radial from 8 to 16 km (meters)	Predicted Distances	
		To the 816 mV/m contour (kilometers)	To the 1 mV/m contour (kilometers)
212*	139	19.3	32.8
0	86	10.8	19.5
45	58	12.4	22.1
90	67	13.1	23.5
135	81	14.4	25.6
180	107	16.8	29.2
225	135	19.0	32.4
270	134	18.9	32.3
315	128	12.9	23.3

*Radial through principal community, if not one of the major radials. This radial should NOT be included in the calculation of HAAT.

20. Environmental Statement *(See 47 C.F.R. Section 1.1301 et seq.)*

Would a Commission grant of this application come within Section 1.1307 of the FCC Rules, such that it may have a significant environmental impact? ☐ Yes ☒ No

If you answer Yes, submit as an Exhibit an Environmental Assessment required by Section 1.1311. Exhibit No.

If No, explain briefly why not. See Exhibit 6

CERTIFICATION

I certify that I have prepared this Section of this application on behalf of the applicant, and that after such preparation, I have examined the foregoing and found it to be accurate and true to the best of my knowledge and belief.

Name *(Typed or Printed)*	Relationship to Applicant *(e.g., Consulting Engineer)*
Michael B. Degitz	Consulting Engineer
Signature	**Address** *(Include ZIP Code)*
	Moffet, Larson & Johnson, Inc. 5203 Leesburg Pike, Suite 800 Falls Church, VA 22041
Date	**Telephone No.** *(Include Area Code)*
3/5/92	(703) 824-5660

NOTE: NOT DRAWN TO SCALE

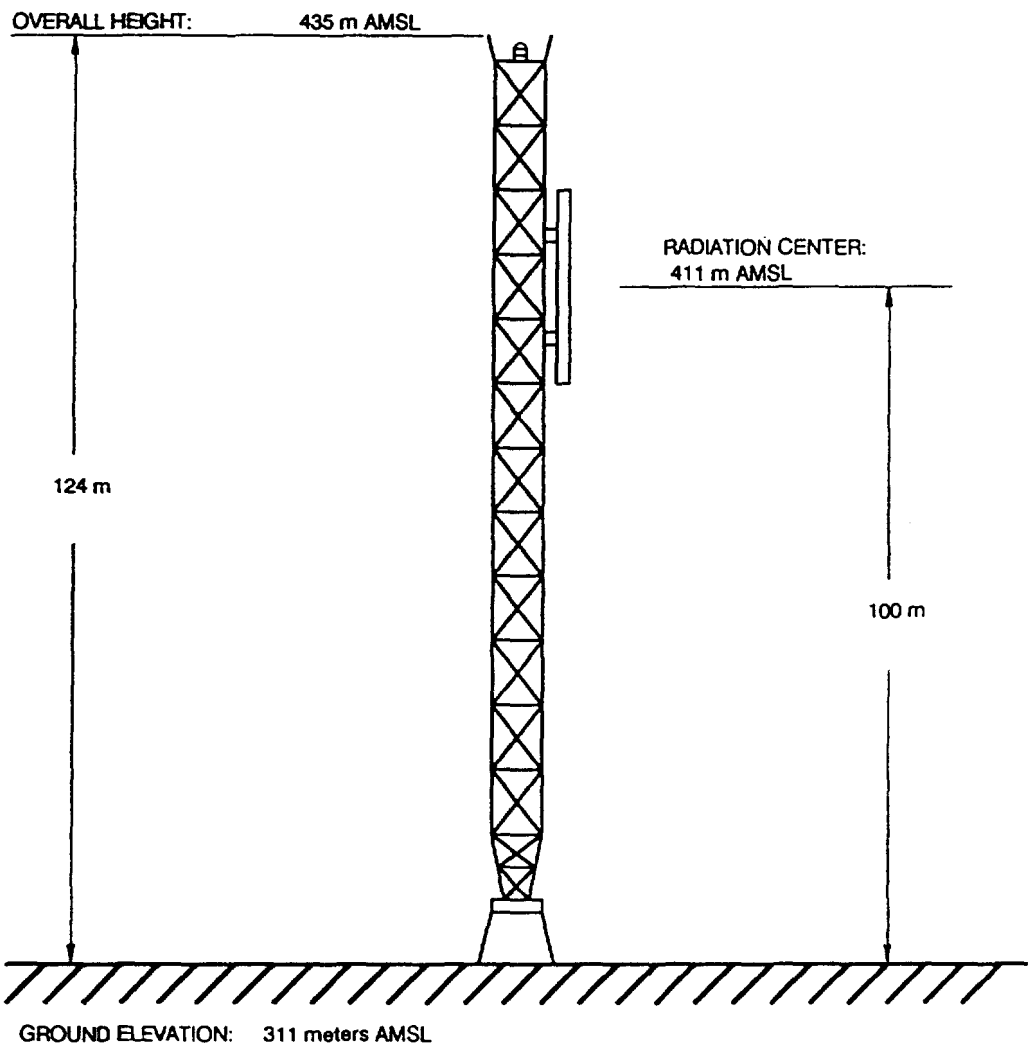


EXHIBIT NO. 1

NEW-FM WESTERVILLE, OHIO

VERTICAL PLAN SKETCH OF PROPOSED ANTENNA AND SUPPORT STRUCTURE

MARCH 1992 MOFFET, LARSON & JOHNSON, INC.

Kyong Ja Matchak
Westerville, Ohio

EXHIBIT 2-A

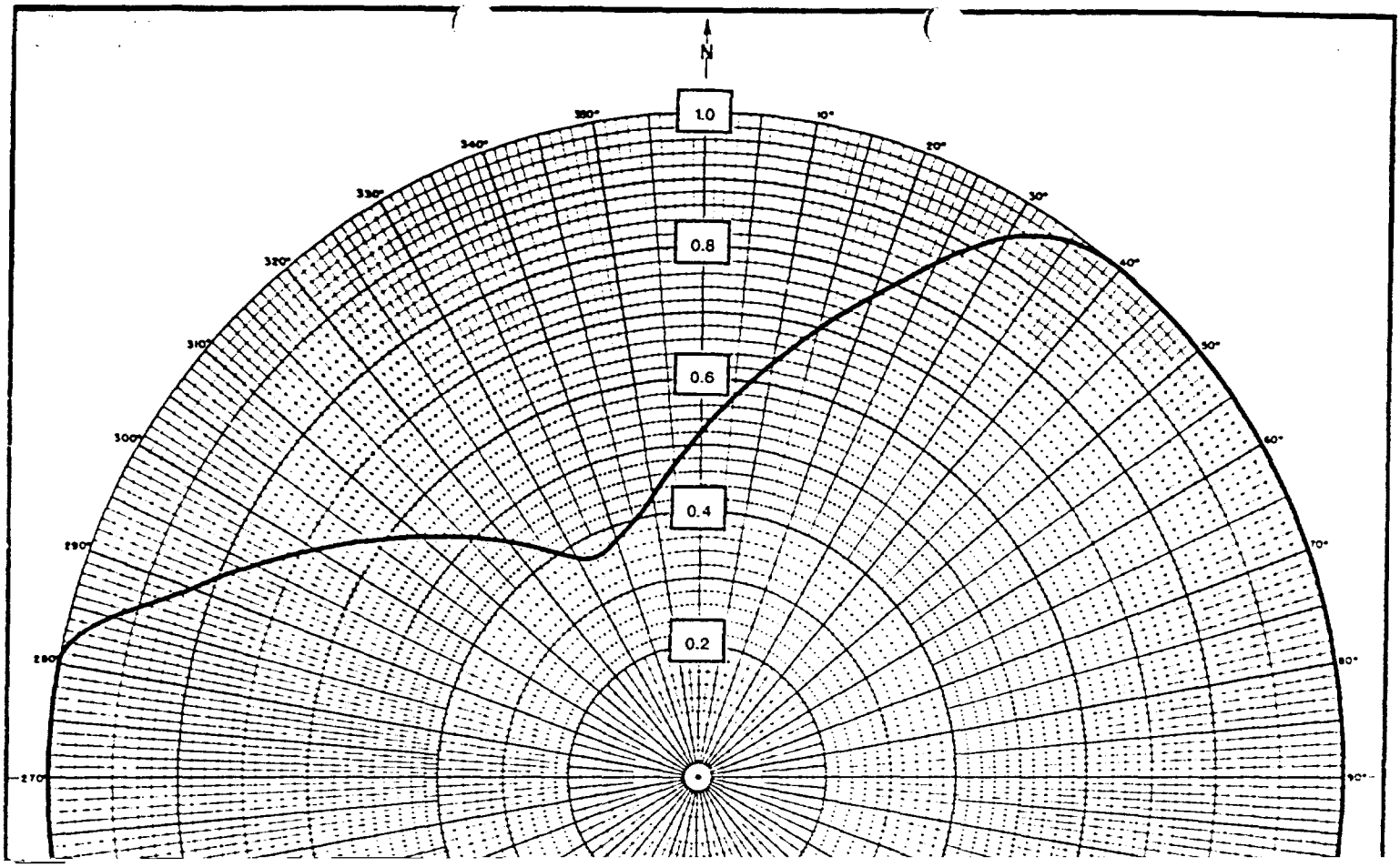
II. FURTHER RESPONSE TO FCC FORM 301, SECTION V-B, PART 10

The proposed facility will operate with a directional antenna. Exhibit 2-B is the composite horizontal relative field pattern for the proposed pattern. Exhibit 2-C is a tabulation of the composite horizontal relative field pattern.

The antenna will be side-mounted on the support structure as specified by the manufacturer.

The antenna will not be mounted on the top of an antenna tower which includes a top-mounted platform larger than the nominal cross-section area of the tower in the horizontal plane.

No other antennas of any type will be mounted on the same tower level as the proposed directional antenna and no antennas of any type will be mounted within any horizontal or vertical distance specified by the manufacturer as be necessary for proper operation of the proposed directional antenna.


N
1.0
0.8
0.6
0.4
0.2

Kyong Ja Matchak
Westerville, Ohio

EXHIBIT 2-C

Horizontal Relative Field Pattern Tabulation

Bearing	Relative Field	Bearing	Relative Field
0	0.523	180	1.000 **
10	0.636	190	1.000 **
20	0.774	200	1.000 **
30	0.941	210	1.000 **
40	1.000 **	220	1.000 **
50	1.000 **	230	1.000 **
60	1.000 **	240	1.000 **
70	1.000 **	250	1.000 **
80	1.000 **	260	1.000 **
90	1.000 **	270	1.000 **
100	1.000 **	280	1.000 **
110	1.000 **	290	0.831
120	1.000 **	300	0.684
130	1.000 **	310	0.562
140	1.000 **	320	0.462
150	1.000 **	330	0.380 *
160	1.000 **	340	0.380 *
170	1.000 **	350	0.430

* Minimum
** Maximum

Kyong Ja Matchak
Westerville, Ohio

EXHIBIT 3-A

II. FURTHER RESPONSE TO FCC FORM 301, SECTION V-B, PART 13(c)

Exhibit 3-B is an allocation study for the proposed site. As shown on Exhibit 3-B, this application is 6.8 kilometers short-spaced to WTTF-FM, Tiffin, Ohio.

Exhibit 3-C tabulates the calculation of the protected and interfering contours of this proposal and WTTF-FM. WTTF-FM operates with 50 kW effective radiated power at 131 meters height above average terrain. The WTTF-FM antenna radiation is 364 meters AMSL. The WTTF-FM average elevations on file at the Commission were calculated using an unknown source of terrain information, it is assumed that the source was 7½ topographic maps. An antenna radiation center of 383 meters AMSL was used herein to increase the height above terrain to the maximum for Class B, 364m AMSL + (150m AMSL - 131m AMSL). Because the FCC staff uses 30 second terrain data to analyze contour protection, 30 second terrain data was used herein, this results in a height above average terrain of 156 meters.

Exhibit 3-D is a copy of a map showing the location of the proposed and WTTF-FM protected and interfering contours. As shown on Exhibit 3-D prohibited contour overlap will not result.

Moffet, Larson, & Johnson, Inc.

Date: 3/03/92

Study Name : Westerville, Ohio
Channel : 280A
Coordinates : N 40 14 4.0 W 82 50 20.0
Separations : FM Zone 1 - Commercial

Call	City & State	Stat	File - number	Chan	ERP	HAAT	Zn	Latitude	Longitude	Bear	Dist	Req'd	Clear
											--- kilometers ---		
WKKJ	CHILLICOTHE OH	APPM	BPH 900226IB	227B	50.0	492	1	39 35 30.0	83 6 38.0	198.0	75.05	15.0	60.05
D90-318	NEW WASHINGTON OH	PADD	RM 7311	227A			1	41 2 30.0	82 55 43.0	355.2	89.96	10.0	79.96
D90-318	REYNOLDSBURG OH	PADD	RM 7516	227B			1	39 53 32.0	83 2 44.0	204.9	41.89	15.0	26.89
WDEQFM	DE GRAFF OH	LIC	BLED 840202AB	*277D	0.01	3	1	40 18 48.0	83 55 6.0	275.8	92.23	25.7*	66.48
WSWZ	LANCASTER OH	LIC	BLH 901015KD	278A	5.43	328	2	39 43 58.0	82 35 43.0	159.5	59.46	31.0	28.46
WTTFFM	TIFFIN OH	LIC	BLH 850715KW	279B	50.0	430	1	41 8 20.0	83 14 45.0	341.3	106.16	113.0	-6.84
WYMJFM	BEAVERCREEK OH	LIC	BLH 841029CB	280A	1.15	522	1	39 44 12.0	84 9 25.0	244.2	125.42	115.0	10.42
NEW	WESTERVILLE OH	APPM	BPH 911230MC	280A	2.52	358	1	40 14 4.0	82 50 20.0	.0	.00	115.0	-115.00
NEW	WESTERVILLE OH	APP	BPH 911230MF	280A	2.57	325	1	40 14 4.0	82 50 20.0	.0	.00	115.0	-115.00
NEW	WESTERVILLE OH	APP	BPH 911230MB	280A	2.50	358	1	40 14 4.0	82 50 20.0	.0	.00	115.0	-115.00
NEW	WESTERVILLE OH	APP	BPH 911230MD	280A	4.30	387	1	40 14 4.0	82 50 20.0	.0	.00	115.0	-115.00
NEW	WESTERVILLE OH	APP	BPH 911230ME	280A	2.57	356	1	40 14 4.0	82 50 20.0	.0	.00	115.0	-115.00
NEW	WESTERVILLE OH	APP	BPH 911231MC	280A	4.10	387	1	40 14 4.0	82 50 20.0	.0	.00	115.0	-115.00
NEW	WESTERVILLE OH	APP	BPH 911231MA	280A	6.00	328	1	40 14 4.0	82 50 20.0	.0	.00	115.0	-115.00
NEW	WESTERVILLE OH	APP	BPH 911230MA	280A	4.30	387	1	40 14 4.0	82 50 20.0	.0	.00	115.0	-115.00
NEW	WESTERVILLE OH	APP	BPH 911231MB	280A	6.00	328	1	40 11 33.0	82 45 7.0	122.3	8.74	115.0	-106.26
WATQFM	NEW MARTINSVILLE WV	LIC	BLH 7626	280A	3.00	300	1	39 40 40.0	80 52 42.0	109.7	178.57	115.0	63.57
WQAL	CLEVELAND OH	LIC	BLH 860219KB	281B	11.0	1060	1	41 22 45.3	81 43 12.0	36.1	158.35	113.0	45.35
WQAL	CLEVELAND OH	CP	BPH 910826IB	281B	11.0	1060	1	41 22 45.0	81 43 12.0	36.1	158.35	113.0	45.35
WPAYFM	PORTSMOUTH OH	LIC	BLH 890612KC	281C	100	1000	2	38 43 20.0	83 0 5.0	184.8	168.47	165.0	3.47
NEW	RICHWOOD OH	APP	BPH 920113MC	282A	3.00	328	1	40 19 46.0	83 14 39.0	287.2	36.04	31.0	5.04
NEW	RICHWOOD OH	APP	BPH 920113MD	282A	6.00	328	1	40 21 52.0	83 15 39.0	292.1	38.67	31.0	7.67
NEW	RICHWOOD OH	APP	BPH 920115ME	282A	5.30	341	1	40 18 23.0	83 19 44.0	281.1	42.44	31.0	11.44
	RICHWOOD OH	ALC		282A			1	40 25 36.0	83 18 .0	298.8	44.62	31.0	13.62
	WEST LIBERTY OH	ALC		282A			2	40 25 36.0	83 18 .0	298.8	44.62	31.0	13.62
WQKT	WOOSTER OH	LIC	BLH 790215AH	283B	52.0	330	1	40 47 31.0	81 54 17.0	51.6	100.50	69.0	31.50

End of Study

EXHIBIT 3-B

Kyong Ja Matchak
Westerville, Ohio

EXHIBIT 3-C

Tabulation of Distances To Contours
Proposed - Westerville, Ohio

Maximum Effective Radiated Power 6.00 kW 7.78 dBk
Antenna Radiation Center: 411. Meters AMSL

Bear Deg True	HAAT Meters	Ant Gain dB	ERP dBk	Distances to Contours (km) 70. dBu f(50,50)	60. dBu f(50,50)
0.0	86	-5.63	2.15	10.8	19.5
10.0	80*	-3.93	3.85	11.5	20.6
20.0	74*	-2.23	5.55	12.1	21.8
30.0	67*	-0.53	7.25	12.8	22.9
40.0	61*	0.00	7.78	12.6	22.6
45.0	58	0.00	7.78	12.4	22.1
50.0	59*	0.00	7.78	12.4	22.3
60.0	61*	0.00	7.78	12.6	22.6
70.0	63*	0.00	7.78	12.8	22.9
80.0	65*	0.00	7.78	13.0	23.2
90.0	67	0.00	7.78	13.1	23.5
100.0	70*	0.00	7.78	13.4	24.0
110.0	73*	0.00	7.78	13.7	24.5
120.0	76*	0.00	7.78	14.0	24.9
130.0	79*	0.00	7.78	14.2	25.4
135.0	81	0.00	7.78	14.4	25.6
140.0	84*	0.00	7.78	14.6	26.0
150.0	90*	0.00	7.78	15.2	26.9

Kyong Ja Matchak
Westerville, Ohio

EXHIBIT 3-C (Cont)

Tabulation of Distances To Contours
Proposed - Westerville, Ohio

Maximum Effective Radiated Power 6.00 kW 7.78 dBk
Antenna Radiation Center: 411. Meters AMSL

Bear Deg True	HAAT Meters	Ant Gain dB	ERP dBk	Distances to Contours (km) 70. dBu f(50,50)	60. dBu f(50,50)
280.0	133*	0.00	7.78	18.8	32.1
290.0	131*	-1.61	6.17	17.0	29.3
300.0	130*	-3.30	4.48	15.1	26.7
310.0	129*	-5.01	2.77	13.6	24.4
315.0	128	-5.81	1.97	12.9	23.3
320.0	123*	-6.71	1.07	12.1	21.9
330.0	114*	-8.40	-0.62	10.6	19.2
340.0	105*	-8.40	-0.62	10.2	18.4
350.0	95*	-7.33	0.45	10.3	18.6
	100				

Notes:

* Interpolated Height Data - Not Included in Avg Elevation
% Not Included in Avg Elevation

ENGINEERING REPORT

MOFFET, LARSON & JOHNSON, INC.

6203 LEESBURG PIKE CONSULTING TELECOMMUNICATIONS ENGINEERS FALLS CHURCH, VA 22041

Kyong Ja Matchak
Westerville, Ohio

EXHIBIT 3-C (Cont)

Tabulation of Distances To Contours
Proposed - Westerville, Ohio

Maximum Effective Radiated Power 6.00 kW 7.78 dBk
Antenna Radiation Center: 411. Meters AMSL

Bear Deg True	HAAT Meters	Ant Gain dB	ERP dBk	Distances to Contours (km) 48. dBu f(50,10)

[redacted]

Kyong Ja Matchak
Westerville, Ohio

EXHIBIT 3-C (Cont)

Tabulation of Distances To Contours
Proposed - Westerville, Ohio

Maximum Effective Radiated Power 6.00 kW 7.78 dBk
Antenna Radiation Center: 411. Meters AMSL

Bear Deg True	HAAT Meters	Ant Gain dB	ERP dBk	Distances to Contours (km) 48. dBu f(50,10)
300.0	130*	-3.30	4.48	55.5
310.0	129*	-5.01	2.77	50.9
315.0	128	-5.81	1.97	48.8
320.0	123*	-6.71	1.07	45.9
330.0	114*	-8.40	-0.62	40.6
340.0	105*	-8.40	-0.62	39.0
350.0	95*	-7.33	0.45	39.7
	100			

Notes:

* Interpolated Height Data - Not Included in Avg Elevation

ENGINEERING REPORT

MOFFET, LARSON & JOHNSON, INC.

5203 LEESBURG PIKE CONSULTING TELECOMMUNICATIONS ENGINEERS FALLS CHURCH, VA 22041

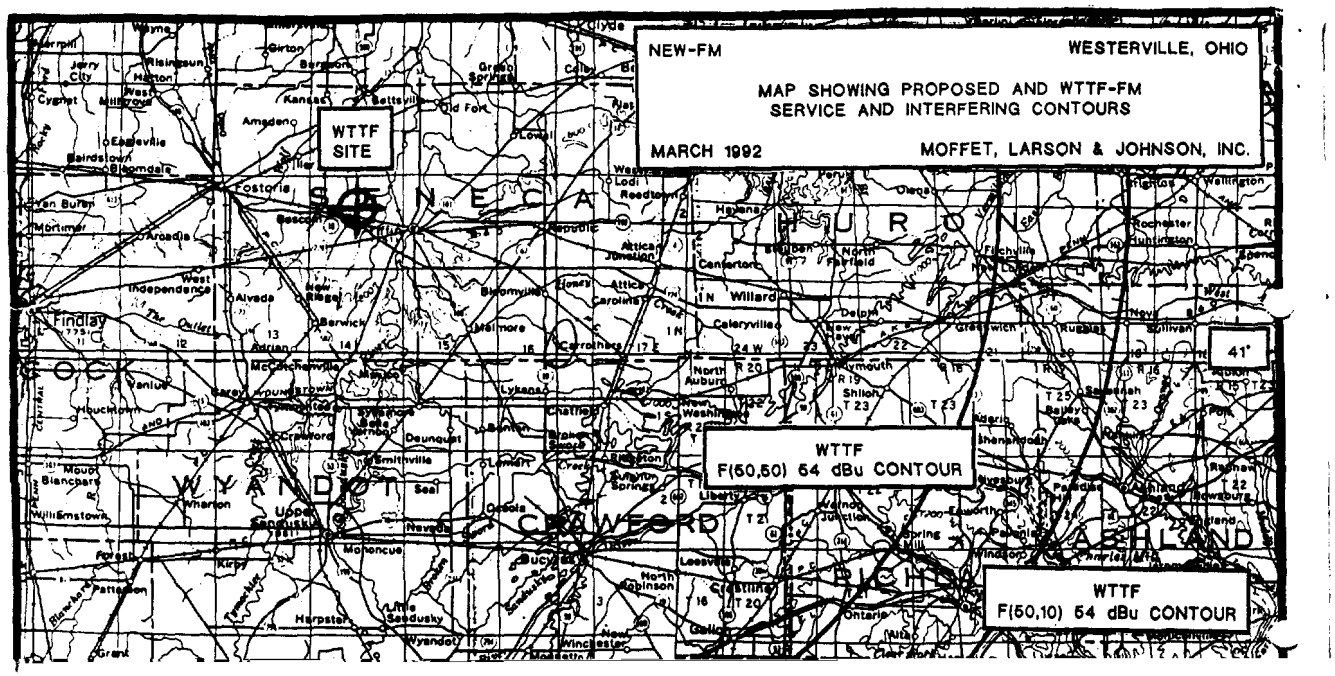
Kyong Ja Matchak
Westerville, Ohio

EXHIBIT 3-C (Cont)

Tabulation of Distances To Contours
WFFT Tiffin, Ohio

Maximum Effective Radiated Power 50.00 kW 16.99 dBk
Antenna Radiation Center: 383. Meters AMSL

Bear Deg True	AE Meters	HAAT Meters	Ant Gain dB	ERP dBk	ERP kW	Distances to Contours (km) 54. dBu f(50,50)	54. dBu f(50,10)
0.0	216	167	0.00	16.99	50.00	67.2	80.5
45.0	206	177	0.00	16.99	50.00	68.3	81.9
90.0	230	153	0.00	16.99	50.00	65.5	78.6
135.0	235	148	0.00	16.99	50.00	64.8	77.8


NEW-FM
WESTERVILLE, OHIO
MAP SHOWING PROPOSED AND WTTF-FM
SERVICE AND INTERFERING CONTOURS
MARCH 1992
MOFFET, LARSON & JOHNSON, INC.
WTTF
SITE
WTTF
F(50,50) 54 dBu CONTOUR
WTTF
F(50,10) 54 dBu CONTOUR
SENECA
HURON
WYANDOT
CRAWFORD
RICHLAND
ASHLAND
41°

MOFFET, LARSON & JOHNSON, INC.

5203 LEESBURG PIKE CONSULTING TELECOMMUNICATIONS ENGINEERS FALLS CHURCH, VA 22041

Kyong Ja Matchak
Westerville, Ohio

EXHIBIT 4

II. FURTHER RESPONSE TO FCC FORM 301, SECTION V-B, PART 14

No proposed or authorized FM and TV facilities are located within 10 kilometers of the proposed site.

Objectional intermodulation interference is not expected to result from this proposed transmit facility and any other transmit facilities.

The applicant accepts full responsibility, as specified in 47 C.F.R. 73.318, for the elimination of any objectionable blanketing interference.

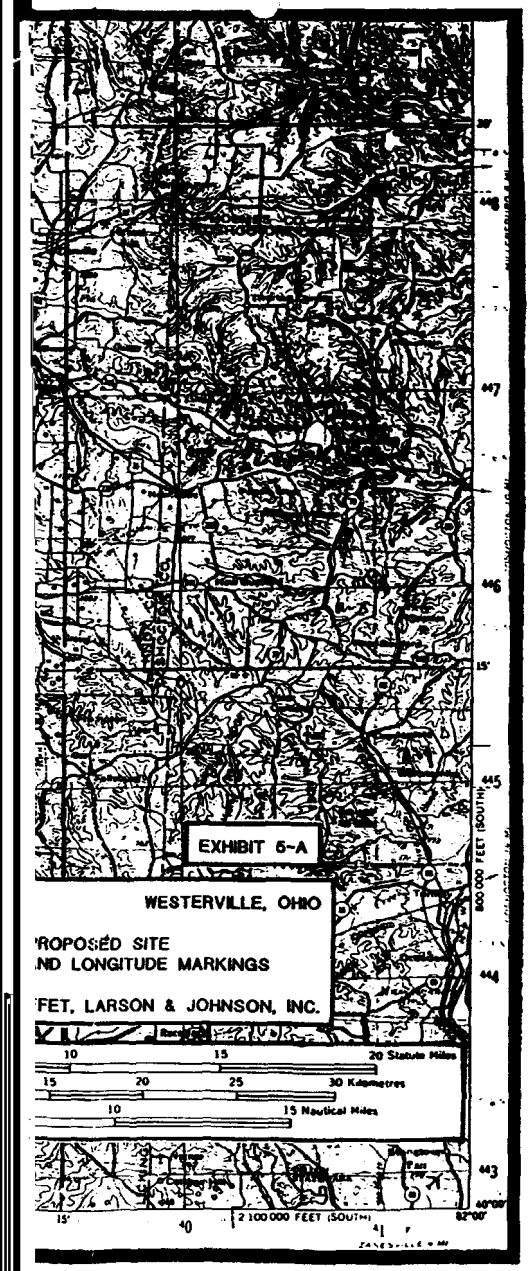
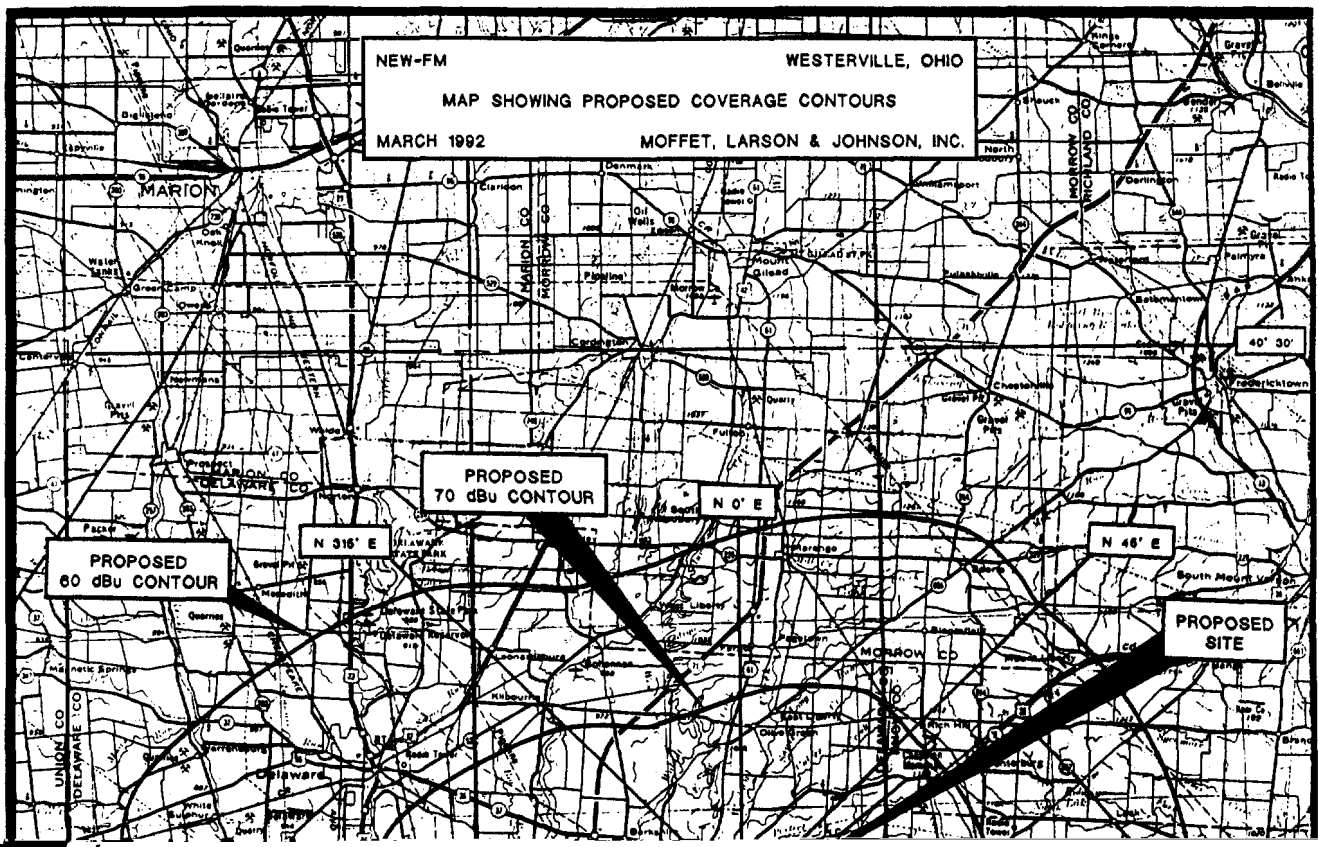


EXHIBIT 6-A
WESTERVILLE, OHIO
ROPOSED SITE
ND LONGITUDE MARKINGS
FET, LARSON & JOHNSON, INC.
10 15 20 Statute Miles
15 20 25 30 Kilometres
10 15 Nautical Miles
2 100 000 FEET (SOUTH)
800 000 FEET (SOUTH)
82°00'
40°00'


NEW-FM
WESTERVILLE, OHIO
MAP SHOWING PROPOSED COVERAGE CONTOURS
MARCH 1992
MOFFET, LARSON & JOHNSON, INC.
PROPOSED 70 dBu CONTOUR
PROPOSED 60 dBu CONTOUR
PROPOSED SITE
N 0° E
N 316° E
N 46° E
40° 30'
MARION
MARION CO
DELAWARE CO
MORROW CO
UNION CO
Delaware

Kyong Ja Matchak
Westerville, Ohio

EXHIBIT 6

IV. FURTHER RESPONSE TO FCC FORM 301, SECTION V-B, PART 20

The antenna will be side mounted on an existing structure and this proposal does not involve a site location specified under Paragraph 1.1307a(1)-(8) of the FCC's Rules.

The electromagnetic radiation from this proposal and all of the other facilities in the immediate vicinity will be below the levels specified in the Human Exposure Guide (ANSI C95.1, 1982) at ground level.

The antenna input power will be reduced or shut off as necessary when authorized persons climb the proposed support tower to ensure that these persons are not subject to electromagnetic radiation that exceeds the ANSI limit.

Therefore, this application is categorically excluded from environmental processing.

ENGINEERING REPORT

MOFFET, LARSON & JOHNSON, INC.

5203 LEESBURG PIKE CONSULTING TELECOMMUNICATIONS ENGINEERS FALLS CHURCH, VA 22041

Kyong Ja Matchak
Westerville, Ohio

A F F I D A V I T

COUNTY OF FAIRFAX)
) SS:
COMMONWEALTH OF VIRGINIA)

MICHAEL B. DEGITZ, being duly sworn upon oath deposes and says:

That he is corporate secretary of the firm of Moffet, Larson & Johnson, Inc., consulting telecommunications engineers;

That this firm has been retained by Kyong Ja Matchak to prepare this engineering statement;

That he has either prepared or directly supervised the preparation of all technical information contained in this engineering statement; and that the facts stated in this engineering statement are true of his knowledge, except as to such statements as are herein stated to be on information and belief, and as to such statements he believes them to be true.

Michael B. Degitz

Subscribed and sworn to before me this 5th day of March, 1992.

Notary Public

PATRICIA B. KSANZNAK NOTARY PUBLIC COMMONWEALTH OF VIRGINIA

My Commission expires March 31, 1995.

ENGINEERING REPORT

MOFFET, LARSON & JOHNSON, INC.

6203 LEESBURG PIKE CONSULTING TELECOMMUNICATIONS ENGINEERS FALLS CHURCH, VA 22041

Kyong Ja Matchak
Westerville, Ohio

A F F I D A V I T

COUNTY OF FAIRFAX)
) SS:
COMMONWEALTH OF VIRGINIA)

WALLACE E. JOHNSON, being duly sworn upon oath deposes and says:

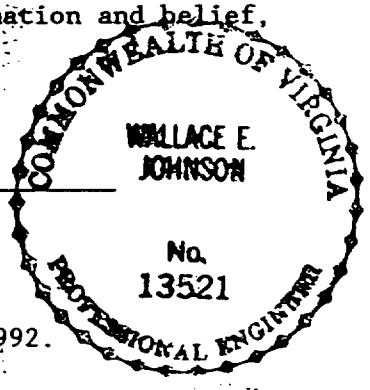
That his qualifications are a matter of record with the Federal Communications Commission;

That he is a registered professional engineer in the Commonwealth of Virginia and the District of Columbia and is the President of the firm of Moffet, Larson & Johnson, Inc.;

That this firm has been retained by Kyong Ja Matchak to prepare this engineering statement;

That he has either prepared or directly supervised the preparation of all technical information contained in this engineering statement; and that the facts stated in this engineering statement are true of his knowledge, except as to such statements as are herein stated to be on information and belief, and as to such statements he believes them to be true.

Wallace E. Johnson



Subscribed and sworn to before me this 5th day of March, 1992.

Patricia B. Ksanznak

PATRICIA B. KSANZNAK

GURMAN, KURTIS, BLASK & FREEDMAN, CHARTERED

DAILY TIME RECORD

DATE: 3/9/92

PAGE 1 of _____

TIMEKEEPER INITIALS: MBG

FIRM DIV.	TIME CODE	CLIENT NO.	MATTER NO.	TIME DESCRIPTION	HOURS
	401	374	2	[redacted]	.75
				[redacted]	.
	401	374	2	[redacted]	.75
	701	194	1	[redacted]	.75
	401	305	1	[redacted]	.
				[redacted]	.50
	102	374	3	[redacted]	.25
	102	374	8	[redacted]	.
				[redacted]	.25
	102	374	8	[redacted]	.
				[redacted]	.25
	101	374	8	[redacted]	.
				[redacted]	.25
	401	374		[redacted]	.25
	701	583	1	FCC re: amendment to FM application	.50
	701	022	1	[redacted]	.50
	101	375	1	[redacted]	.
				[redacted]	.25

Total_____

TIME CODES

101 - Telephone call to
102 - Telephone call from
103 - Calls re:
201 - Conference with
202 - Meeting with
301 - Legal research re:
401 - Preparation
501 - Letter to
502 - Memorandum to
601 - Review of
701 - Hand delivery to
702 - Pick up
703 - Obtain

Engineering

901 - Telephone call to
902 - Telephone call from
903 - Conference with
904 - Meeting with
910 - Initial system design re
911 - FCC 401 (including terrain analysis
912 - FCC 401 (without terrain analysis)
913 - Frequency search re
914 - Frequency verification re
915 - Co-channel interference study re
916 - Co-channel interference studies re
917 - Contour plot re
920 - FCC forms 435 re
930 - Modification
931 - Preparation re
932 - Review
933 - FCC Research re
934 - Letter to
935 - Engineering analysis re
936 - Calculation of

ATTACHMENT 2

CERTIFICATE OF SERVICE

I, Lilly A. Redd, a secretary in the law offices of Gurman, Kurtis, Blask and Freedman, Chartered, do hereby certify that I have on this 1st day of May, 1992, had copies of the foregoing "RESPONSE TO REPLY" mailed by U.S. first class mail, postage prepaid, to the following:

* Dennis Williams, Chief
Federal Communications Commission
Mass Media Bureau
Audio Services Division
FM Branch
1919 M Street, N.W., Room 332
Washington, D.C. 20554

Stephen T. Yelverton, Esquire
Maupin, Taylor, Ellis & Adams, P.C.
1130 Connecticut Avenue, N.W.
Suite 750
Washington, D.C. 20036-3904

Lilly A. Redd
Lilly A. Redd

* Hand Delivered