

Engineering Statement

In Support of an Application for a Construction Permit

WTWR, Luna Pier, MI Channel 252A

WTWR Channel Spacing Study

REFERENCE				DISPLAY DATES			
41 40 05 N			CLASS = A	DATA	10-09-02		
83 27 11 W			Current Spacings	SEARCH	10-11-02		
----- Channel 252 - 98.3 MHz -----							
Call	Channel	Location		Dist	Azi	FCC	Margin

	Community of Luna Pier		MI	15.45	3.3		
	Reference Coordinates:						
	North Latitude: 41-48-25						
	West Longitude: 83-26-32						
RADD	ADD 252A	Luna Pier	MI	19.68	359.9	115.0	-95.32
RDEL	DEL 252A	Monroe	MI	19.68	359.9	115.0	-95.32
WTWRFM	LIC 252A	Monroe	MI	19.71	356.8	115.0	-95.29
	Of no concern:						
	Coordinates of instant facility						
WDFM	LIC 251B	Defiance	OH	99.83	245.5	113.0	-13.17
	Of concern:						
	Protection afforded under §73.213						
	(Existing contour overlap not increased)						
WVMV	LIC 254B	Detroit	MI	84.57	17.1	69.0	15.57
WJLB	LIC 250B	Detroit	MI	86.70	18.8	69.0	17.70
ALLO	252	Sarnia	ON	168.99	30.6	151.0	17.99
WNWNFM	LIC 253B	Coldwater	MI	135.34	289.2	113.0	22.34
WWBK	LIC 252A	Fredericktown	OH	145.13	146.6	115.0	30.13
WWBK.A	APP 252A	Fredericktown	OH	146.24	145.5	115.0	31.24
WPKOFM	LIC 252A	Bellefontaine	OH	146.29	189.3	115.0	31.29
WGGN	LIC 249A	Castalia	OH	62.87	118.5	31.0	31.87
WNCX	LIC 253B	Cleveland	OH	147.56	103.7	113.0	34.56
WWBK.A	APP 252A	Fredericktown	OH	157.45	146.9	115.0	42.45
