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FEDERAL COMMUNICATIONS COMMISSION
OFFICE OF THE SECRETARY

September 8, 1998

VIA HAND DELIVERY

Ms. Magalie R. Salas
Secretary
Federal Communications Commission
1919 M Street, N.W., Room 222
Washington, D.C. 20554

Re: MM Docket 98-107
Gaylord, Michigan

Dear Ms. Salas;

Transmitted herewith, in triplicate, on behalf of Northern Christian Radio, Inc. is a supplement to the engineering statement filed in support of its comments in the above-referenced rule making proceeding for a new FM channel at Gaylord, Michigan. The supplement contains a corrected Table IV to the engineering statement.

Please contact the undersigned should you have any questions on this matter.

Very truly yours,

Northern Christian Radio, Inc.

By: _____
Jeffrey D. Southmayd

Its Attorney

Enclosure

cc with enclosure:
Alan C. Campbell, Esquire

No. of Copies rec'd 0+5
List ABCDE

TABLE IV

COMPUTATIONAL DATA ASSOCIATED WITH CHANNEL 6

WCML(TV), ALPENA, MI
Channel 6, 100 kW VERP, 448 m
N 45° 08' 17"/ W 84° 09' 44"

Distance to FM site (ref. coord. for Gaylord) = 42.3 km

Section 73.525(e)(4)(i) - divided ERP by 40

Proposed FM, Gaylord, MI
Channels 201A thru 204A, 0.150 kW ERP, 100 m
N 45° 01' 40"/ W 84° 40' 35"

Proposed Channel	TV Contour (dBu) F(50,50)	Ratio (dB) U/D	FM Interfering Contour (dBu) F(50,10)
201	78.4	-5.6	72.8
202	78.4	-4.2	74.2
203	78.4	-2.7	75.7
204	78.4	-1.0	77.4

Population within 72.8 dBu contour = 7783 people for Channel 201A
77.4 dBu contour = 6613 people for Channel 204A

Note: Proposed ERP = 6 kW/40 = 0.150 kW for Channel 6 Study

TABLE V-A

FM COVERAGE
****

CH 6 STUDY VS FM, GAYLORD, MI

CHANNEL NO. 201 A FREQUENCY 88.1 MHZ

CENTER OF RADIATION 493.0 METERS AMSL

COORDINATES: 45-01-40 / 84-40-35

BEARING DEGREES		3-16 KM AVERAGE	C.R. HAAT	E.R.P. (KW)	DISTANCE (KM) TO CONTOURS (dBu) 72.8
0.	*	367.2	125.8	0.15	6.12
15.		340.9	152.1	0.15	6.76
30.		320.0	173.0	0.15	7.24
45.	*	357.1	135.9	0.15	6.44
60.		356.7	136.3	0.15	6.44
75.		333.2	159.8	0.15	6.92
90.	*	378.3	114.7	0.15	5.95
105.		394.5	98.5	0.15	5.47
120.		394.3	98.7	0.15	5.47
135.	*	385.8	107.2	0.15	5.63
150.		384.1	108.9	0.15	5.79
165.		396.0	97.0	0.15	5.47
180.	*	411.6	81.4	0.15	4.99
195.		411.3	81.7	0.15	4.99
210.		403.3	89.7	0.15	5.15
225.	*	409.8	83.2	0.15	4.99
240.		410.0	83.0	0.15	4.99
255.		416.4	76.6	0.15	4.83
270.	*	421.6	71.4	0.15	4.67
285.		401.6	91.4	0.15	5.31
300.		404.3	88.7	0.15	5.15
315.	*	412.8	80.2	0.15	4.83
330.		409.0	84.0	0.15	4.99
345.		394.9	98.1	0.15	5.47

AVERAGE (8) * 393.0 100.0 METERS

AREA IN SQUARE KILOMETERS 95.

72.8 DBU CONTOUR IS BASED ON F(50,10) CURVE

TABLE V-B

FM COVERAGE
****

CH 6 STUDY VS FM, GAYLORD, MI

CHANNEL NO. 204 A FREQUENCY 88.7 MHZ

CENTER OF RADIATION 493.0 METERS AMSL

COORDINATES: 45-01-40 / 84-40-35

BEARING DEGREES		3-16 KM AVERAGE	C.R. HAAT	E.R.P. (KW)	DISTANCE (KM) TO CONTOURS (dBu) 77.4
0.	*	367.2	125.8	0.15	4.67
15.		340.9	152.1	0.15	5.15
30.		320.0	173.0	0.15	5.47
45.	*	357.1	135.9	0.15	4.83
60.		356.7	136.3	0.15	4.83
75.		333.2	159.8	0.15	5.31
90.	*	378.3	114.7	0.15	4.51
105.		394.5	98.5	0.15	4.18
120.		394.3	98.7	0.15	4.18
135.	*	385.8	107.2	0.15	4.35
150.		384.1	108.9	0.15	4.35
165.		396.0	97.0	0.15	4.02
180.	*	411.6	81.4	0.15	3.70
195.		411.3	81.7	0.15	3.70
210.		403.3	89.7	0.15	3.86
225.	*	409.8	83.2	0.15	3.86
240.		410.0	83.0	0.15	3.70
255.		416.4	76.6	0.15	3.70
270.	*	421.6	71.4	0.15	3.54
285.		401.6	91.4	0.15	4.02
300.		404.3	88.7	0.15	3.86
315.	*	412.8	80.2	0.15	3.70
330.		409.0	84.0	0.15	3.86
345.		394.9	98.1	0.15	4.18

AVERAGE (8) * 393.0 100.0 METERS

AREA IN SQUARE KILOMETERS 55.

77.4 DBU CONTOUR IS BASED ON F(50,10) CURVE