NEW FM - AMENDMENT TO BPED-930316MF
Channel= 201
Max ERP = 5.1 kW
RCAMSL = 41.148 M
N. Lat = 291644
W. Lng = 811125

WNCM-FM - BLED-890630KA
Channel = 201
Max ERP = 1 kW
RCAMSL = 156 M
N. Lat = 301634
W. Lng = 813353

Protected 60 dBu				Interfering 40 dBu				
Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
327.0	5.100	34.8	16.2	164.2	1.000	148.6	100.7	30.4
328.0	5.100	34.6	16.2	164.1	1.000	148.6	100.7	30.5
329.0	5.100	34.4	16.1	163.9	1.000	148.6	100.7	30.5
330.0	5.100	34.3	16.1	163.8	1.000	148.6	100.6	30.5
331.0	5.100	34.1	16.1	163.6	1.000	148.6	100.6	30.5
332.0	5.100	33.9	16.0	163.4	1.000	148.7	100.6	30.5
333.0	5.100	33.8	16.0	163.3	1.000	148.7	100.6	30.5
334.0	5.100	33.7	16.0	163.1	1.000	148.7	100.5	30.5
335.0	5.100	33.7	16.0	163.0	1.000	148.7	100.5	30.5
336.0	5.100	33.9	16.0	162.8	1.000	148.7	100.4	30.5
337.0	5.100	34.1	16.1	162.7	1.000	148.7	100.3	30.5
338.0	5.100	34.3	16.1	162.5	1.000	148.7	100.3	30.6
339.0	5.100	34.5	16.2	162.3	1.000	148.8	100.2	30.6
340.0	5.100	34.6	16.2	162.2	1.000	148.8	100.1	30.6
341.0	5.100	34.6	16.2	162.0	1.000	148.8	100.1	30.6
342.0	5.100	34.6	16.2	161.9	1.000	148.8	100.1	30.6
343.0	5.100	34.6	16.2	161.7	1.000	148.8	100.1	30.6
344.0	5.100	34.6	16.2	161.5	1.000	148.8	100.1	30.6
345.0	5.100	34.7	16.2	161.4	1.000	148.8	100.1	30.6
346.0	5.100	34.8	16.2	161.2	1.000	148.8	100.1	30.6
347.0	5.100	34.9	16.3	161.0	1.000	148.9	100.1	30.6
348.0	5.100	34.9	16.3	160.9	1.000	148.9	100.2	30.6
349.0	5.100	35.0	16.3	160.7	1.000	148.9	100.2	30.6
350.0	5.100	35.0	16.3	160.6	1.000	148.9	100.2	30.6
351.0	5.100	35.0	16.3	160.4	1.000	148.9	100.3	30.6
352.0	5.100	35.0	16.3	160.2	1.000	148.9	100.3	30.6
353.0	5.100	35.0	16.3	160.1	1.000	148.9	100.4	30.5
354.0	5.100	35.0	16.3	159.9	1.000	149.0	100.4	30.5
355.0	5.100	35.0	16.3	159.8	1.000	149.0	100.5	30.5
356.0	5.100	35.0	16.3	159.6	1.000	149.0	100.6	30.5
357.0	5.100	35.0	16.3	159.5	1.000	149.0	100.7	30.5
358.0	5.100	35.0	16.3	159.3	1.000	149.0	100.8	30.4
359.0	5.100	35.0	16.3	159.1	1.000	149.0	100.9	30.4

HOLLY HILL PROT./WNCM-FM INT.

EXHIBIT #4G

AMEND BPED-930316MF
COMM. EDUCATIONAL ASSOC.
NONCOMMERCIAL FM STATION
CH 201A - 5.1 KW (V)
HOLLY HILL, FLORIDA
January 1995

GRAHAM BROCK, INC.
BROADCAST TECHNICAL CONSULTANTS

WNCM-FM - BLED890630KA
Channel= 201
Max ERP = 1 kW
RCAMSL = 156 M
N. Lat = 301634
W. Lng = 813353

Protected
60 dBu

NEW FM - AMEND BPED-930316MI
Channel = 201
Max ERP = 5.1 kW
RCAMSL = 41.148 M
N. Lat = 291644
W. Lng = 811125

Interfering
40 dBu

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
147.0	1.000	147.9	22.4	345.3	5.100	34.7	94.8	34.3
148.0	1.000	148.1	22.5	345.1	5.100	34.7	94.7	34.3
149.0	1.000	148.4	22.5	344.9	5.100	34.7	94.5	34.4
150.0	1.000	148.7	22.5	344.7	5.100	34.6	94.4	34.4
151.0	1.000	148.9	22.5	344.4	5.100	34.6	94.3	34.4
152.0	1.000	149.0	22.5	344.2	5.100	34.6	94.2	34.4
153.0	1.000	149.0	22.5	344.0	5.100	34.6	94.1	34.5
154.0	1.000	148.9	22.5	343.7	5.100	34.6	94.1	34.5
155.0	1.000	148.9	22.5	343.5	5.100	34.6	94.0	34.5
156.0	1.000	149.0	22.5	343.2	5.100	34.6	93.9	34.5
157.0	1.000	149.1	22.5	343.0	5.100	34.6	93.9	34.5
158.0	1.000	149.1	22.5	342.8	5.100	34.6	93.9	34.5
159.0	1.000	149.0	22.5	342.5	5.100	34.6	93.8	34.5
160.0	1.000	148.9	22.5	342.3	5.100	34.6	93.8	34.5
161.0	1.000	148.9	22.5	342.0	5.100	34.6	93.8	34.5
162.0	1.000	148.8	22.5	341.8	5.100	34.6	93.8	34.5
163.0	1.000	148.7	22.5	341.6	5.100	34.6	93.8	34.5
164.0	1.000	148.6	22.5	341.3	5.100	34.6	93.8	34.5
165.0	1.000	148.5	22.5	341.1	5.100	34.6	93.9	34.5
166.0	1.000	148.4	22.5	340.9	5.100	34.6	93.9	34.5
167.0	1.000	148.4	22.5	340.6	5.100	34.6	94.0	34.5
168.0	1.000	148.4	22.5	340.4	5.100	34.6	94.0	34.5
169.0	1.000	148.4	22.5	340.1	5.100	34.6	94.1	34.5
170.0	1.000	148.5	22.5	339.9	5.100	34.6	94.1	34.5
171.0	1.000	148.7	22.5	339.7	5.100	34.5	94.2	34.4
172.0	1.000	148.8	22.5	339.4	5.100	34.5	94.3	34.4
173.0	1.000	148.9	22.5	339.2	5.100	34.5	94.3	34.4
174.0	1.000	149.0	22.5	339.0	5.100	34.5	94.4	34.4
175.0	1.000	149.2	22.5	338.7	5.100	34.4	94.5	34.4
176.0	1.000	149.3	22.5	338.5	5.100	34.4	94.6	34.3
177.0	1.000	149.5	22.6	338.3	5.100	34.3	94.7	34.3
178.0	1.000	149.6	22.6	338.0	5.100	34.3	94.9	34.3
179.0	1.000	149.7	22.6	337.8	5.100	34.2	95.0	34.3
180.0	1.000	149.9	22.6	337.6	5.100	34.2	95.1	34.2
181.0	1.000	150.0	22.6	337.4	5.100	34.2	95.3	34.2
182.0	1.000	150.2	22.6	337.2	5.100	34.1	95.4	34.2
183.0	1.000	150.3	22.6	336.9	5.100	34.0	95.6	34.1
184.0	1.000	150.4	22.6	336.7	5.100	34.0	95.8	34.1
185.0	1.000	150.4	22.6	336.5	5.100	34.0	95.9	34.1
186.0	1.000	150.3	22.6	336.3	5.100	33.9	96.1	34.0
187.0	1.000	150.3	22.6	336.1	5.100	33.9	96.3	34.0

HOLLY HILL INT./WNCM-FM PROT.

EXHIBIT #4H

AMEND BPED-930316MF
COMM. EDUCATIONAL ASSOC.
NONCOMMERCIAL FM STATION
CH 201A - 5.1 KW (V)
HOLLY HILL, FLORIDA
January 1995

GRAHAM BROCK, INC.
BROADCAST TECHNICAL CONSULTANTS

NEW FM - AMENDMENT TO BPED-930316MF
Channel= 201
Max ERP = 5.1 kW
RCAMSL = 41.148 M
N. Lat = 291644
W. Lng = 811125

WKTO.A - BMPED-930113MC
Channel = 204
Max ERP = 1.35 kW
RCAMSL = 114 M
N. Lat = 290153
W. Lng = 810314

Protected 60 dBu				Interfering 100 dBu				
Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
120.0	3.429	37.1	15.1	359.4	1.350	109.2	19.9	61.6
121.0	3.330	36.9	14.9	358.6	1.350	109.3	19.8	61.7
122.0	3.231	36.7	14.8	357.8	1.350	109.3	19.6	61.8
123.0	3.135	36.5	14.6	357.0	1.350	109.4	19.5	61.9
124.0	3.040	36.3	14.5	356.2	1.350	109.5	19.4	62.0
125.0	2.946	36.1	14.3	355.4	1.350	109.6	19.3	62.1
126.0	2.853	36.0	14.2	354.6	1.350	109.6	19.2	62.2
127.0	2.763	35.9	14.0	353.8	1.350	109.7	19.1	62.2
128.0	2.673	35.7	13.9	353.0	1.350	109.7	19.0	62.3
129.0	2.585	35.6	13.8	352.2	1.350	109.7	19.0	62.4
130.0	2.499	35.5	13.6	351.4	1.350	109.7	18.9	62.4
131.0	2.400	35.3	13.5	350.5	1.350	109.8	18.9	62.4
132.0	2.303	35.2	13.3	349.6	1.350	109.8	18.8	62.5
133.0	2.208	35.1	13.2	348.8	1.350	109.8	18.8	62.5
134.0	2.115	35.1	13.0	348.0	1.350	109.7	18.8	62.5
135.0	2.024	35.0	12.9	347.2	1.350	109.6	18.8	62.5
136.0	1.935	35.0	12.7	346.4	1.350	109.5	18.8	62.5
137.0	1.848	35.0	12.6	345.6	1.350	109.4	18.8	62.4
138.0	1.763	35.0	12.5	344.8	1.350	109.3	18.8	62.4
139.0	1.680	35.0	12.3	344.0	1.350	109.2	18.9	62.4
140.0	1.599	35.0	12.2	343.2	1.350	109.1	18.9	62.3
141.0	1.548	35.0	12.1	342.5	1.350	109.0	18.9	62.3
142.0	1.498	35.0	12.0	341.8	1.350	109.0	18.9	62.3
143.0	1.449	35.0	11.9	341.2	1.350	108.9	19.0	62.3
144.0	1.400	34.9	11.8	340.5	1.350	108.9	19.0	62.3
145.0	1.353	34.7	11.7	339.8	1.350	108.9	19.1	62.2
146.0	1.306	34.4	11.5	339.1	1.350	108.9	19.1	62.1
147.0	1.260	34.1	11.4	338.4	1.350	108.8	19.3	62.0
148.0	1.215	33.8	11.2	337.8	1.350	108.8	19.4	62.0
149.0	1.170	33.5	11.1	337.1	1.350	108.8	19.5	61.9
150.0	1.127	33.3	10.9	336.5	1.350	108.8	19.6	61.8
151.0	1.098	33.1	10.9	335.9	1.350	108.8	19.6	61.7
152.0	1.070	32.9	10.8	335.4	1.350	108.7	19.7	61.6
153.0	1.042	32.7	10.7	334.8	1.350	108.7	19.8	61.6
154.0	1.014	32.4	10.5	334.3	1.350	108.7	19.9	61.5
155.0	0.987	32.3	10.5	333.7	1.350	108.7	20.0	61.4
156.0	0.961	32.2	10.4	333.2	1.350	108.6	20.1	61.3
157.0	0.934	32.2	10.3	332.7	1.350	108.6	20.2	61.3
158.0	0.908	32.3	10.3	332.2	1.350	108.6	20.3	61.2
159.0	0.883	32.4	10.2	331.8	1.350	108.6	20.3	61.2
160.0	0.857	32.4	10.1	331.3	1.350	108.5	20.4	61.1

HOLLY HILL PROT./WKTO INTER.

EXHIBIT #4I

AMEND BPED-930316MF
COMM. EDUCATIONAL ASSOC.
NONCOMMERCIAL FM STATION
CH 201A - 5.1 KW (V)
HOLLY HILL, FLORIDA
January 1995

GRAHAM BROCK, INC.
BROADCAST TECHNICAL CONSULTANTS

WKTO.A - BMPED-930113MC
Channel= 204
Max ERP = 1.35 kW
RCAMSL = 114 M
N. Lat = 290153
W. Lng = 810314

Protected
60 dBu

NEW FM - AMEND BPED-930316MF
Channel = 201
Max ERP = 5.1 kW
RCAMSL = 41.148 M
N. Lat = 291644
W. Lng = 811125

Interfering
100 dBu

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actua. (dBu)
299.0	1.350	103.7	20.5	194.8	3.599	31.9	18.1	56.4
300.0	1.350	103.7	20.5	194.5	3.599	31.9	17.8	56.7
301.0	1.350	103.7	20.5	194.2	3.599	32.0	17.4	57.0
302.0	1.350	103.6	20.4	193.8	3.599	32.0	17.1	57.3
303.0	1.350	103.6	20.4	193.4	3.599	32.1	16.8	57.6
304.0	1.350	103.6	20.4	193.0	3.599	32.1	16.4	57.9
305.0	1.350	103.7	20.5	192.5	3.599	32.1	16.1	58.2
306.0	1.350	103.7	20.5	192.0	3.599	32.1	15.8	58.5
307.0	1.350	103.8	20.5	191.5	3.599	32.2	15.4	58.8
308.0	1.350	103.8	20.5	190.9	3.599	32.1	15.1	59.0
309.0	1.350	103.9	20.5	190.3	3.599	32.1	14.8	59.3
310.0	1.350	103.9	20.5	189.6	3.602	32.2	14.5	59.7
311.0	1.350	103.9	20.5	188.9	3.608	32.2	14.2	60.1
312.0	1.350	104.0	20.5	188.1	3.615	32.1	13.9	60.5
313.0	1.350	104.0	20.5	187.3	3.622	32.0	13.6	60.8
314.0	1.350	104.0	20.5	186.4	3.629	31.9	13.3	61.2
315.0	1.350	104.0	20.5	185.4	3.638	31.8	13.0	61.6
316.0	1.350	104.0	20.5	184.3	3.648	31.7	12.7	61.9
317.0	1.350	104.1	20.5	183.3	3.656	31.6	12.5	62.3
318.0	1.350	104.2	20.5	182.1	3.667	31.5	12.2	62.7
319.0	1.350	104.4	20.5	181.0	3.676	31.5	11.9	63.1
320.0	1.350	104.6	20.5	179.7	3.682	31.5	11.7	63.5
321.0	1.350	104.9	20.6	178.4	3.671	31.4	11.4	63.9
322.0	1.350	105.2	20.6	177.0	3.659	31.4	11.2	64.2
323.0	1.350	105.7	20.7	175.6	3.647	31.2	11.0	64.6
324.0	1.350	106.4	20.7	174.2	3.635	30.9	10.7	64.9
325.0	1.350	107.2	20.8	172.7	3.622	30.8	10.5	65.2
326.0	1.350	107.8	20.9	171.0	3.607	30.9	10.3	65.6
327.0	1.350	108.2	20.9	169.3	3.599	31.1	10.1	66.0
328.0	1.350	108.3	20.9	167.3	3.599	31.2	9.9	66.2
329.0	1.350	108.4	20.9	165.3	3.599	31.6	9.8	66.5
330.0	1.350	108.5	20.9	163.3	3.599	32.1	9.7	66.8
331.0	1.350	108.5	20.9	161.2	3.599	32.4	9.6	67.1
332.0	1.350	108.6	20.9	159.0	3.616	32.4	9.6	67.2
333.0	1.350	108.6	20.9	156.8	3.654	32.2	9.6	67.3
334.0	1.350	108.7	20.9	154.6	3.692	32.3	9.5	67.4
335.0	1.350	108.7	20.9	152.5	3.728	32.8	9.5	67.5
336.0	1.350	108.8	20.9	150.3	3.767	33.2	9.6	67.6
337.0	1.350	108.8	20.9	148.1	3.789	33.7	9.6	67.7
338.0	1.350	108.8	20.9	146.0	3.807	34.4	9.7	67.8
339.0	1.350	108.9	21.0	143.8	3.827	34.9	9.7	67.8

HOLLY HILL INTER./WKTO PROT.

EXHIBIT #4J

AMEND BPED-930316MF
COMM. EDUCATIONAL ASSOC.
NONCOMMERCIAL FM STATION
CH 201A - 5.1 KW (V)
HOLLY HILL, FLORIDA
January 1995

GRAHAM BROCK, INC.
BROADCAST TECHNICAL CONSULTANTS

Predicted Signal Contours:

29 16 44 - PROPOSED PROTECTED AND INTERFERING CONTOURS
81 11 25 - NEW FM NONCOMMERCIAL STATION - HOLLY HILL, FLORIDA

ERP = 5.1 kW, 7.076 dBk FM - 2-6 Tables

Radial	HAAT	kW	dBk	Field	60 dBu.5	54 dBu.1	40 dBu.1	100 dBu.1
0 Degs.	35.0M	5.100	7.076	1.000	16.3	24.2	67.3	1.6
10 Degs.	35.0M	5.100	7.076	1.000	16.3	24.2	67.3	1.6
20 Degs.	35.4M	5.100	7.076	1.000	16.4	24.3	67.5	1.7
30 Degs.	36.5M	5.100	7.076	1.000	16.7	24.7	68.1	1.7
40 Degs.	37.4M	5.100	7.076	1.000	16.9	25.0	68.5	1.7
50 Degs.	37.9M	5.100	7.076	1.000	17.0	25.2	68.8	1.7
60 Degs.	38.0M	5.100	7.076	1.000	17.0	25.2	68.8	1.7
70 Degs.	38.6M	5.100	7.076	1.000	17.2	25.4	69.1	1.7
80 Degs.	39.2M	5.100	7.076	1.000	17.3	25.6	69.4	1.8
90 Degs.	39.3M	5.100	7.076	1.000	17.3	25.6	69.4	1.8
100 Degs.	38.4M	4.898	6.900	0.980	16.9	25.1	68.2	1.7
110 Degs.	37.7M	4.317	6.351	0.920	16.2	24.0	65.2	1.6
120 Degs.	37.1M	3.429	5.352	0.820	15.1	22.5	60.3	1.5
130 Degs.	35.5M	2.499	3.978	0.700	13.6	20.2	53.6	3.5
140 Degs.	35.0M	1.599	2.039	0.560	12.2	17.7	45.3	2.8
150 Degs.	33.3M	1.127	0.518	0.470	10.9	15.5	39.2	2.4
160 Degs.	32.4M	0.857	-0.669	0.410	10.1	14.1	35.3	2.1
170 Degs.	31.0M	0.736	-1.329	0.380	9.6	13.3	32.7	1.9
180 Degs.	31.5M	0.625	-2.043	0.350	9.2	12.9	31.2	1.8
190 Degs.	32.2M	0.555	-2.554	0.330	9.0	12.7	30.4	1.7
200 Degs.	31.7M	0.522	-2.821	0.320	8.8	12.4	29.7	1.6
210 Degs.	31.6M	0.522	-2.821	0.320	8.8	12.4	29.6	1.6
220 Degs.	31.5M	0.555	-2.554	0.330	8.9	12.6	30.1	1.7
230 Degs.	31.6M	0.590	-2.295	0.340	9.1	12.7	30.7	1.7
240 Degs.	32.3M	0.698	-1.560	0.370	9.6	13.4	32.9	1.9
250 Degs.	34.0M	0.900	-0.459	0.420	10.5	14.6	36.8	2.1
260 Degs.	34.8M	1.406	1.479	0.525	11.8	17.0	43.2	2.6
270 Degs.	35.0M	2.188	3.401	0.655	13.1	19.4	50.9	3.3
280 Degs.	35.0M	3.103	4.918	0.780	14.3	21.3	57.3	3.9
290 Degs.	36.2M	3.860	5.866	0.870	15.4	22.9	62.1	1.5
300 Degs.	38.3M	4.506	6.538	0.940	16.5	24.5	66.4	1.7
310 Degs.	37.9M	4.898	6.900	0.980	16.8	24.9	67.9	1.7
320 Degs.	35.2M	5.100	7.076	1.000	16.3	24.3	67.4	1.7
330 Degs.	34.3M	5.100	7.076	1.000	16.1	24.0	67.0	1.6
340 Degs.	34.6M	5.100	7.076	1.000	16.2	24.1	67.1	1.6
350 Degs.	35.0M	5.100	7.076	1.000	16.3	24.2	67.3	1.6

Ave. HAAT= 35.2M. Ant COR= 41.1M AMSL

HOLLY HILL TABULATED DATA

EXHIBIT #4K

AMEND BPED-930316MF
COMM. EDUCATIONAL ASSOC.
NONCOMMERCIAL FM STATION
CH 201A - 5.1 KW (V)
HOLLY HILL, FLORIDA
January 1995

GRAHAM BROCK, INC.
BROADCAST TECHNICAL CONSULTANTS

AMEND BPED-930316MF
COMMUNITY EDUCATIONAL ASSOCIATION
NEW NONCOMMERCIAL STATION
CH 201A - 88.1 MHZ - 5.1 KW
HOLLY HILL, FLORIDA
January 1994

Exhibit #5

Channel 6 Television Interference Analysis

The proposed new noncommercial FM station at Holly Hill, Florida, is located within the Grade B contour of WCPX-TV, Channel 6, Orlando, Florida. As previously indicated the proposed Holly Hill facility is employing a vertical only antenna system to limit the potential impact to WCPX-TV. This instant amendment maintains the requisite protection to WCPX-TV.

Pursuant to §73.525(e)(4)(i) of the Commission's rules, Community Educational Association ("CEA") calculates its potential interference to WCPX-TV based on an effective radiated power of 127.5 watts. This power is determined by dividing the 5,100 watts (5.1 kilowatts) by a factor of 40 since the entire interference area is outside a city of 50,000 persons.

The August 1994 amendment indicated the 54.75 dBu contour (50/10) of the Holly Hill facility was the boundary of the potential WCPX-TV interference area.[1] As such we have tabulated the 54.75 dBu contour (50/10) of the facility requested herein (Exhibit #5A). This tabulation (Exhibit #5B), when compared to

1) See Exhibit #9A, amendment to BPED-930316MF, August 1994.

the tabulated 54.75 dBu contour (50/10) of the August 1994 proposal, shows the distance to this contour level is either maintained or slightly reduced by this instant amendment. Therefore, the actual impact to WCPX-TV is either maintained or reduced. As indicated in the August 1994 application, there were less than 3,000 persons living in the calculated theoretical interference area. Therefore, by maintaining the interference boundary, this instant amendment complies with §73.525 of the Commission's rules.

TERRAIN AND CONTOUR DATA
PROPOSED NONCOMMERCIAL STATION
HOLLY HILL, FLORIDA
PROPOSED CHANNEL SIX INTERFERNCE BOUNDARY
January 1995

ERP = .1275 kW
FM - 2-6 Tables

Azimuth Deg T.	Ave. Elev. 3 to 16 km Meters AMSL	Effective Antenna Height Meters AAT	ERP (dBk)	F(50-10) Distance tc 54.75 dBu Cont km
0	6.1	35.0	-8.945	8.8
10	6.1	35.0	-8.945	8.8
20	5.7	35.4	-8.945	8.8
30	4.6	36.5	-8.945	9.0
40	3.7	37.4	-8.945	9.1
50	3.2	37.9	-8.945	9.2
60	3.1	38.0	-8.945	9.2
70	2.5	38.6	-8.945	9.2
80	1.9	39.2	-8.945	9.3
90	1.8	39.3	-8.945	9.3
100	2.7	38.4	-9.120	9.1
110	3.4	37.7	-9.669	8.7
120	4.0	37.1	-10.669	8.1
130	5.6	35.5	-12.043	7.3
140	6.1	35.0	-13.981	6.5
150	7.8	33.3	-15.503	5.8
160	8.7	32.4	-16.689	5.4
170	10.1	31.0	-17.349	5.1
180	9.6	31.5	-18.064	4.9
190	8.9	32.2	-18.575	4.8
200	9.4	31.7	-18.842	4.7
210	9.5	31.6	-18.842	4.7
220	9.6	31.5	-18.575	4.7
230	9.5	31.6	-18.315	4.8
240	8.8	32.3	-17.581	5.1
250	7.1	34.0	-16.480	5.6
260	6.3	34.8	-14.542	6.3
270	6.1	35.0	-12.620	7.0
280	6.1	35.0	-11.103	7.7
290	4.9	36.2	-10.155	8.3
300	2.8	38.3	-9.482	8.9
310	3.2	37.9	-9.120	9.1
320	5.9	35.2	-8.945	8.8
330	6.8	34.3	-8.945	8.7
340	6.5	34.6	-8.945	8.7
350	6.1	35.0	-8.945	8.8
Ave =	6 M	35.2 M		

Antenna Radiation Center AMSL = 41.1 M

PROPOSED CHANNEL 6 BOUNDARY

EXHIBIT #5A
AMEND BPED-930316MF
COMM. EDUCATIONAL ASSOC.
NONCOMMERCIAL FM STATION
CH 201A - 5.1 KW (V)
HOLLY HILL, FLORIDA
January 1995

GRAHAM BROCK, INC.
BROADCAST TECHNICAL CONSULTANTS

TERRAIN AND CONTOUR DATA
PROPOSED NONCOMMERCIAL STATION
HOLLY HILL, FLORIDA
FORMER CHANNEL SIX INTERFERENCE BOUNDARY
(AS PROPOSED IN AUGUST 1994)
January 1995

ERP = .05 kW
FM - 2-6 Tables

Azimuth Deg T.	Ave. Elev. 3 to 16 km Meters AMSL	Effective Antenna Height Meters AAT	ERP (dBk)	F(50-10) Distance tc 54.75 dBu Cont km
0	6.1	57.9	-13.010	9.0
10	6.1	57.9	-13.010	9.0
20	5.7	58.3	-13.010	9.1
30	4.6	59.4	-13.010	9.1
40	3.7	60.3	-13.010	9.2
50	3.2	60.8	-13.010	9.3
60	3.1	60.9	-13.010	9.3
70	2.5	61.5	-13.010	9.3
80	1.9	62.1	-13.010	9.3
90	1.8	62.2	-13.010	9.3
100	2.7	61.3	-13.186	9.2
110	3.4	60.6	-13.735	8.8
120	4.0	60.0	-14.734	8.3
130	5.6	58.4	-16.108	7.5
140	6.1	57.9	-18.047	6.7
150	7.8	56.2	-19.568	6.0
160	8.7	55.3	-20.755	5.6
170	10.1	53.9	-21.415	5.3
180	9.6	54.4	-22.129	5.2
190	8.9	55.1	-22.640	5.0
200	9.4	54.6	-22.907	4.9
210	9.5	54.5	-22.907	4.9
220	9.6	54.4	-22.640	5.0
230	9.5	54.5	-22.381	5.1
240	8.8	55.2	-21.646	5.3
250	7.1	56.9	-20.545	5.8
260	6.3	57.7	-18.607	6.4
270	6.1	57.9	-16.685	7.2
280	6.1	57.9	-15.168	7.9
290	4.9	59.1	-14.220	8.5
300	2.8	61.2	-13.548	9.0
310	3.2	60.8	-13.186	9.2
320	5.9	58.1	-13.010	9.0
330	6.8	57.2	-13.010	9.0
340	6.5	57.5	-13.010	9.0
350	6.1	57.9	-13.010	9.0
Ave. =	6 M	58.0 M		

Antenna Radiation Center AMSL = 64.0 M

FORMER CHANNEL 6 BOUNDARY

THIS TABULATION IS THE DISTANCE TO THE 54.75 dBu (50/10) CONTOUR WHICH WAS ESTABLISHED AS THE BOUNDARY OF INTERFERENCE TO WCPX-TV IN THE AUGUST 1994 AMENDMENT TO THE COMMUNITY EDUCATIONAL ASSOCIATION APPLICATION.

EXHIBIT #5B

AMEND BPED-930316MF
COMM. EDUCATIONAL ASSOC.
NONCOMMERCIAL FM STATION
CH 201A - 5.1 KW (V)
HOLLY HILL, FLORIDA
January 1995

GRAHAM BROCK, INC.
BROADCAST TECHNICAL CONSULTANTS

AMEND BPED-930316MF
COMMUNITY EDUCATIONAL ASSOCIATION
NEW NONCOMMERCIAL STATION
CH 201A - 88.1 MHZ - 5.1 KW
HOLLY HILL, FLORIDA
January 1995

EXHIBIT #6

Radiofrequency Radiation Study and Statement

This radiofrequency radiation study is being conducted to determine whether this proposal is in compliance with OST Bulletin Number 65, dated October 1985, regarding human exposure to radiofrequency radiation in the vicinity of broadcast towers. This study considers all contributing stations and utilizes the appropriate formulas contained in the OST Bulletin.

The proposed new noncommercial station's two bay antenna system will be mounted with its center of radiation 33.58 meters (110.2 feet) above the ground at the proposed tower location and operate with an effective radiated power of 5.1 kilowatts in the vertical plane. At two meters, the height of an average person, above the ground at the base of the proposed tower, the proposed antenna system will contribute, worst case, 0.1709 mw or 17.1% of the allowable ANSI limit. Since this level is below the 100% limit defined in the aforementioned bulletin, the proposed new noncommercial antenna is believed to be in compliance with OST Bulletin Number 65 as is required by the Federal Communications Commission.

Further, the Community Educational Association ("CEA") will post warning signs in the vicinity of the tower warning of potential radiofrequency radiation hazards at the site. In addition, CEA will reduce the power of the proposed facility or cease operation, as necessary, to protect persons having access to the site, tower or antenna from radiofrequency radiation in excess of FCC guidelines.

FM BLANKETING CONTOUR CALCULATION

The blanketing contour of the proposed noncommercial FM station is determined using the following formula as defined in §73.318 of the Commission's Rules:

$$D = 0.394 * SQR(P)$$

where D= distance to blanketing contour in kilometers
P= power (in kilowatts) of the proposed station

The effective radiated power of the proposed noncommercial station is 5.1 kilowatts which yields a blanketing contour extending 0.89 kilometers from the tower. While it is the experience of this firm that very little, if any, blanketing interference will be experienced by the grant and subsequent operation of this proposal, Community Educational Association will follow the guidelines of §73.318 and use good engineering practices to remedy blanketing complaints to the Commission's satisfaction.

FM BLANKETING CONTOUR STUDY

WHILE THE PROPOSED BLANKETING CONTOUR EXTENDS FURTHER THAN THE PREVIOUSLY PROPOSED FACILITY, COMMUNITY EDUCATIONAL ASSOCIATION RE-AFFIRMS ITS RESPONSIBILITY REGARDING COMPLIANCE WITH SECTION 73.318 OF THE COMMISSIONS RULES.

EXHIBIT #6A
AMEND BPED-930316MF
COMM. EDUCATIONAL ASSOC.
NONCOMMERCIAL FM STATION
CH 201A - 5.1 KW (V)
HOLLY HILL, FLORIDA
January 1995

GRAHAM BROCK, INC.
BROADCAST TECHNICAL CONSULTANTS

AFFIDAVIT AND QUALIFICATIONS OF CONSULTANT

State of Georgia)
St. Simons Island) ss:
County of Glynn)

JEFFERSON G. BROCK, being duly sworn, deposes and says that he is an officer of Graham Brock, Inc. Graham Brock has been engaged by Community Educational Association to prepare the attached Technical Exhibit

His qualifications are a matter of record before the Federal Communications Commission. He has been active in Broadcast Engineering since 1979.

The attached report was either prepared by him or under his direction and all material and exhibits attached hereto are believed to be true and correct.

This the 16th day of January 1995

Jefferson G. Brock
Affiant

Sworn to and subscribed before me
this the 16th day of January 1995

Notary Public, State of Georgia
My Commission Expires: September 8, 1995

CERTIFICATE OF SERVICE

I, Scott C. Cinnamon, do certify that on this 18th day of January, 1995, a copy of the foregoing **PETITION FOR LEAVE TO AMEND** was sent via first class mail, postage pre-paid or delivered, as indicated, to the parties set forth below:

Honorable Joseph Chachkin
Administrative Law Judge
Federal Communications Commission
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Robert Zauner, Esq.
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Washington, D.C. 20554

Scott C. Cinnamon

* - Hand Delivery
** - via FCC Mailroom