EXMOD\BANM\BOLTON

Bell Atlantic NYNEX Mobile

Bell Atlantic NYNEX Mobile
20 Alexander Drive
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203-269-8858

Jennifer Young Gaudet
Manager - Regulatory

ORIGINAL

November 22, 1995

RECEIVED
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CONNECTICUT
SITING COUNCIL

HAND DELIVERED

Mr. Joel M. Rinebold
Executive Director
Connecticut Siting Council
136 Main Street, Suite 401
New Britain, Connecticut 06051

Re: Bell Atlantic NYNEX Mobile - Antenna Upgrades

Dear Mr. Rinebold:

Bell Atlantic NYNEX Mobile ("BANM" or the "Company") is undertaking a system performance improvement plan which involves upgrading the antenna configurations at most of its cell sites. This letter, together with attached Schedule 1 which provides site-by-site detail, serves as BANM's notice of intent, pursuant to R.C.S.A. § 16-50j-73, of construction which constitutes exempt modifications pursuant to R.C.S.A. § 16-50j-72(b).

In compliance with R.C.S.A. Section 16-50j-73, a copy of this letter is being sent to the chief elected officials of the municipalities in which the affected cell sites are located. Those individuals are listed on Schedule 2, appended hereto. A sample of the letter sent to those officials is also enclosed.

The changes include some conversions from omnidirectional to sectorized configurations, some changes in antenna model and some additions of directional antennas. As detailed below and on Schedule 1 appended hereto, the changes meet the criteria for exempt modifications.

First, the height of BANM's installations will not be increased at any of the sites; the changes may result in a decrease in height. On most Company-owned monopoles, the dual platform configuration formerly used will be modified by adding a rail assembly to each platform and removing the vertical mounting pipes between them. The panel antennas will be mounted on the top rail assembly. These antennas will replace the top-mounted omnidirectional antennas as well as the transmit/receive antennas which have been mounted between the platforms. These changes will reduce the overall height of the structures (including appurtenances). Similar changes made to lattice towers, while not utilizing a platform mount, will also result

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in reduced overall height at sites where top-mounted omnidirectional antennas have been used.

Second, the planned changes will not extend the site boundaries. The antenna upgrade does not involve other changes to the sites.

Third, the planned changes will not increase the noise levels at the existing facilities by six decibels or more. The change in antenna model and any additional antennas will not result in any change in noise levels.

Fourth, operation of the new antennas will not increase the total radio frequency electromagnetic radiation power density at any of the sites to a level at or above the ANSI standard. Included in Schedule 1 are the results of updated power density calculations for BANM's installations. In general, the changes will result in a decrease in power density predictions since sectorization restricts RF channel transmissions to less than a full 360° pattern and reduces effective radiated power to approximately one third of omnidirectional values. It should be noted, however, that the percentage of the ANSI standard may reflect a higher number than that shown in previous filings for sites which predated the 1992 revision to the ANSI standard. Because the effect, if any, of the change in antenna configuration is to decrease the overall power density, no updated calculations have been performed for other uses at shared sites.

Based on the foregoing and the enclosed, the Company respectfully submits that the proposed changes to the antenna configurations at the sites listed on Schedule 1 constitute exempt modifications under R.C.S.A. Section 16-50j-72(b).

Respectfully yours,

Jennifer Young Gaudet

Jennifer Young Gaudet
Manager - Regulatory

Enclosures

cc: Municipal officials listed on Schedule 2

SITE NAME	ADDRESS	TOWN	CSC REF	RAD CTR	# OF ANTS	TYPE/MODEL of ANTENNAS	POWER DENSITY	% OF STANDARD
BOLTON	130 VERNON RD	BOLTON	EXMOD	120	3	ALP-9212	0.0474	8.13
					3	ALP-6014		
BRANFORD	1801 NORTH MAIN ST	BRANFORD	DN 122	107	15	ALP-9212	0.0596	10.22
BRISTOL	32 VALLEY ST	BRISTOL	EXMOD	88	9	ALP-9212	0.0882	15.13
BRUCE GOLF COURSE	1323 KING ST	GREENWICH	EXMOD	98/103	6	ALP-9212	0.0711	12.19
CLINTON	48 COW HILL RD	CLINTON	DN 148	206	12	ALP-9212	0.0161	2.76
DANBURY	24 HOSPITAL AVE	DANBURY	DN 79	204	12	ALP-9212	0.0164	2.81
DARIEN	LEDGE RD	DARIEN	DN 155	100	14	ALP-9212	0.0682	11.7
DURHAM	101R OLD BLUE HILLS RD	DURHAM	DN 161	100	12	ALP-9212	0.0682	11.7
EAST BRIDGEPORT	939 BARNUM AVE	BRIDGEPORT	EXMOD	152	12	ALP-9212	0.0296	5.08
EAST FAIRFIELD	40 BLACKROCK TPKE	FAIRFIELD	PET 304	120	12	ALP-9212	0.0474	8.13
EAST GRANBY	NEWGATE RD	EAST GRANBY	EXMOD	80	8	ALP-9212	0.1067	18.3
					4	ALP-9209		
EAST LYME	93 ROXBURY RD	EAST LYME	DN 116	158	10	ALP-9212	0.0274	4.7
EAST NORWALK	FILBERT ST	NORWALK	PET 305	120	15	ALP-9212	0.0474	8.13
ENFIELD	OLIVER RD	ENFIELD	DN 139	150	13	ALP-9212	0.0303	5.2
FAIRFIELD	281 WOODHOUSE RD	FAIRFIELD	DN 86	160	15	ALP-9212	0.0267	4.58
FARMINGTON	RATTLESNAKE MTN	FARMINGTON	EXMOD	239	8	ALP-9212	0.012	2.06
GLASTONBURY	BIRCH MOUNTAIN RD	GLASTONBURY	DN 58	155	9	ALP-9212	0.0284	4.87
GREENWICH	5 PERRYRIDGE RD	GREENWICH	DN 73	106	12	CTY-10510	0.0608	10.43
GROTON	68 GROTON LONG POINT RD	GROTON	EXMOD	100	12	ALP-9212	0.0682	11.7
GUILFORD	131 MANOR RD	GUILFORD	DN 56	150	12	ALP-9212	0.0303	5.2
HADDAM	TURKEY HILL RD	HADDAM	DN 58	180	12	ALP-9212	0.0211	3.62
HAMDEN	1055 WINTERGREEN AVE	HAMDEN	DN 56A	173	12	ALP-9212	0.0228	3.91
HARTFORD	1 STATE ST	HARTFORD	DN 58	296	9	ALP-9212	0.0078	1.34
HARTFORD N.W.	439-455 HOMESTEAD AVE	HARTFORD	DN 126	140	12	ALP-9212	0.0348	5.98
KILLINGWORTH	TOWER HILL RD (RT 80)	KILLINGWORTH	DN 69	160	12	ALP-9212	0.0267	4.58
MERIDEN	WEST PEAK	MERIDEN	DN 93	78	8	ALP-9209	0.1122	19.25
MIDDLETOWN	213 COURT ST	MIDDLETOWN	DN 126	180	9	ALP-9212	0.0211	3.62
MILFORD	423 ORONOQUE RD	MILFORD	DN 56	100	9	ALP-9212	0.0682	11.7
NAUGATUCK	45 PEACH ORCHARD RD	NAUGATUCK	DN 56B	195	12	ALP-9212	0.018	3.09
NEW BRITAIN	155 MYRTLE ST	NEW BRITAIN	PET 283	93	12	ALP-9212	0.079	13.55
NEW HAVEN	54 MEADOW ST	NEW HAVEN	DN 140	146	15	ALP-9212	0.032	5.49
NEW HAVEN EAST	153 FORBES AVE	NEW HAVEN	PET 329	72	12	CTY-10510	0.1317	22.59
NEW LONDON	59 WESTWOOD AVE	NEW LONDON	EXMOD	80	2	DB-809	0.1067	18.3
NEWTOWN	WASHINGTON AVE (RT 34)	NEWTOWN	DN 89	182	9	ALP-9212	0.0206	3.54
NORTH BRANFORD	83 REEDS GAP RD	NORTH BRANFORD	DN 56	87	15	ALP-9212	0.0902	15.47
NORTH BRIDGEPORT	1330 CHOPSEY HILL RD	BRIDGEPORT	EXMOD	132	12	ALP-9212	0.0392	6.12

SITE NAME	ADDRESS	TOWN	CSC REF	RAD CTR	# OF ANTS	TYPE/MODEL of ANTENNAS	POWER DENSITY	% OF STANDARD
NORTH HAVEN	117 WASHINGTON AVE	NORTH HAVEN	DN 117	122	15	ALP-9212	0.0459	7.87
NORTH NORWALK	WEST ROCKS RD	NORWALK	PET 284	83	15	ALP-9212	0.0991	17
NORWALK	50 ROCKLAND RD	NORWALK	DN 73	171	12	ALP-9212	0.0234	4.01
OLD SAYBROOK EAST	2 CLARK ST	OLD SAYBROOK	PET 327	90	9	ALP-9212	0.0843	14.46
PORTLAND	OLD MARLBOROUGH TPKE	PORTLAND	DN 58	160	10	ALP-9212	0.0267	4.58
REDDING	80 LONETOWN RD	REDDING	PET 311	95	2	PD-10009	0.0757	12.98
RIDGEFIELD	76 EAST RIDGE AVE	RIDGEFIELD	DN 113	140	9	ALP-9212	0.0348	5.97
RIVERSIDE	1111 EAST PUTNAM AVE	GREENWICH	DN 120	47	12	ALP-9212	0.3091	53.02
ROCKY HILL	FRANCE ST	ROCKY HILL	DN 58	140	12	ALP-9212	0.0348	5.97
SOMERS	126 PIONEER HTS RD	SOMERS	DN 58	155	12	ALP-9212	0.0284	4.87
SOUTHBURY	KETTLETOWN RD	SOUTHBURY	DN 88	230	12	ALP-9212	0.0129	2.21
STAMFORD	300 TRESSER BLVD	STAMFORD	DN 73	206	10	ALP-9209	0.0161	2.76
					5	ALP-11008		
TALCOTT	TALCOTT MOUNTAIN	BLOOMFIELD	DN 107	55	3	ALP-6008	0.2657	38.72
	SCIENCE CENTER				3	ALP-11008		
TRUMBULL	BOOTH HILL RD/ VIDEO LN	TRUMBULL	DN 77	230	15	ALP-9212	0.0129	2.21
VERNON	SOUTH ST	VERNON	DN 58A	120	12	ALP-9212	0.0474	8.13
WEST HARTFORD	570 NEW PARK AVE	WEST HARTFORD	DN 131	150	14	ALP-9212	0.0303	5.2
WEST HAVEN	24 ROCKDALE RD	WEST HAVEN	DN 56	169	12	ALP-9212	0.0239	4.1
WETHERSFIELD	100 GREAT MEADOW RD	WETHERSFIELD	DN 139	115	12	ALP-9212	0.0516	8.86
WILLIMANTIC	349 MOUNTAIN RD	WILLIMANTIC	EXMOD	193	4	PD-10017	0.0183	3.14
WILLINGTON	56 COS GROVE RD	WILLINGTON	DN 58	138	10	ALP-11011	0.0359	6.15
WILTON	128 OLD MATHER RD	WILTON	DN 94	178	12	ALP-9212	0.0216	3.7
WINDSOR	482 PIGEON HILL RD	WINDSOR	DN 58	155	15	ALP-9212	0.0284	4.87
WINDSOR SOUTH	599 MATIANUCK AVE	WINDSOR	DN 137	100	10	ALP-9212	0.0682	11.7
WOLCOTT	347 EAST ST	WOLCOTT	DN 56	167	12	ALP-9212	0.0245	4.2
WOODSTOCK	WEST QUASSETT RD	WOODSTOCK	EXMOD	134	2	PD-1110R	0.038	6.52