

EXHIBIT 15E2
CLIPPING STUDY
PROJECT NAME - FROM WXYT TO WWCA

REFERENCE: 42- 1-39 North
83-20-42 West

***** RECITATION OF INPUT DATA 'DECK' *****

POINT NUMBER	LABEL	LATITUDE	LONGITUDE	PROTECTED CONTOUR
1	WWCA XMTR	41 31 38	87 22 36	4.095
2	WWCA 35	41 37 55	87 16 43	4.095
3	WWCA 135	41 27 57	87 17 41	4.095
4	WWCA 170	41 22 37	87 20 29	4.095
5	WWCA 210	41 26 9	87 26 50	4.095
6	WWCA 315	41 37 6	87 29 55	4.095
7	WWCA 335	41 40 50	87 28 21	4.095

***** DOCKET 88-508 DATA VALUES COMPUTED FOR ABOVE DATA

DECK *****

ARRIVING LABEL ALLOWABLE	MIDPOINT SKYWAVE LATITUDE EFFICIENCY	GC DISTANCE DEPARTING KILOMETERS ALLOWABLE	SLANT DISTANCE	ZENITH MIN	ZENITH MAX	BEARING DEGREES	PROTECTED CONTOUR
WWCA XMTR	52.721	338.83	393.46	22.2	34.4	261.9	4.095
0.2047	0.1747E-02	117.2					
WWCA 35	52.776	328.80	384.85	22.9	35.3	263.6	4.095
0.2047	0.1805E-02	113.4					
WWCA 135	52.693	333.50	388.87	22.6	34.9	260.5	4.095
0.2047	0.1780E-02	115.0					
WWCA 170	52.647	339.49	394.02	22.2	34.4	259.0	4.095
0.2047	0.1746E-02	117.3					
WWCA 210	52.674	346.62	400.19	21.8	33.8	260.4	4.095
0.2047	0.1704E-02	120.2					
WWCA 315	52.764	347.09	400.59	21.7	33.8	263.9	4.095
0.2047	0.1698E-02	120.6					
WWCA 335	52.795	343.94	397.86	21.9	34.0	264.9	4.095
0.2047	0.1715E-02	119.4					

PROGRAM COMPUTES NIGHT ALLOWABLE RADIATION LIMITS PER DOCKET 88-508.

IF 'PROTECTED CONTOUR' IS A POSITIVE VALUE, CO-CHANNEL 20:1 PROTECTION IS COMPUTED.

IF 'PROTECTED CONTOUR' IS A NEGATIVE VALUE, ADJACENT CHANNEL 2:1 PROTECTION IS COMPUTED.