

B. W. St. Clair

Exhibit 6 - Engineering Statement
in support of an
Application BLTT19910528JX
Channel 30, Syracuse, NY
JOHN MESTER

BACKGROUND

Applicant holds a license for W30AJ at the present time. The applicant is filing a displacement application since WUTR-DT is operational in Utica, NY. WUTR-DT is only 80 km away which is well within the 278 km qualification for displacement. This application will increase the ERP, change the antenna pattern and its orientation, and to move to a nearby tower that is available on the southside of Syracuse.

INTERFERENCE ANALYSIS

Interference to the following stations was studied using "Population Loss Studies" based on the "Longley-Rice Terrain Algorithm" in accordance with OET Bulletin 69.¹ Population loss for these stations is less than 0.5%. ***Cell size for service analysis is 2.0 km/side and distance increments for Longley-Rice Analysis is 1.0 km***

FULL SERVICE TV STATIONS

BLCT19961202LO	WNYS-TV, Channel 43	Syracuse, NY
BLET19830315KJ	WSKG-TV, Channel 46	Binghamton, NY
BPET20030110ACW	WSKG-TV, Channel 46	Binghamton, NY

FULL SERVICE DTV STATIONS

BPCDT19991027ACR	WTVH-DT, Channel 47	Syracuse, NY
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LPTV STATIONS

BLTTA20041005ADG	WLOT-LP, Channel 46	Watertown, NY
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Prepared By:
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¹ The analysis was performed on a Sun "Blade" Computer using the exact replica of the FCC program. Population losses of less than 0.5% are not reported in detail. Only an indication of no interference is shown.