

Engineering Statement and Interference Analysis

This technical statement supports this amendment to make changes to BNPTTL-20000830BDH, a construction permit for a low-power television station on analog channel 45, Erie, Pennsylvania, Facility ID 129632. This amendment is submitted to specify digital operation pursuant to Public Notice DA 10-496 released on March 25, 2010.

In this amendment, the Applicant proposes to flash-cut the facility to digital channel 45 at Erie, Pennsylvania at the existing site with a nondirectional antenna. The proposed channel 45 facility was studied using the Techware's tv_process_dlptv_pt software on a Sun Blade 1500 using the post transition data and the 2000 US Census. This application does not cause any predicted interference to any of the other proposal. It is believed that the proposed facility complies with the requirements Sections 74.709, 74.793(e)-(h), 74.794(B), 73.1030 and other applicable parts of the Rules and Regulations of the Federal Communications Commission. However, to the degree that it is deemed necessary, the Applicant requests a waiver of these other applicable Commission rules in order to allow for the grant of this instant application.

Canadian Interference

The most critical Canadian facility to this proposed facility is CKXT-TV-1 on channel 45 at Hamilton, Ontario. However, it appears to be no interference caused to the population within the protected contour of that station.

Digital TV Station Protection

The proposed operation causes less than 0.5% interference to surrounding digital assignments and allotments and facilities (i.e., "*de minimis*"). It is believed that the proposed operation is in compliance with the spirit and intent of the FCC's interference standards.

Class A, Low Power TV and TV Translator Station Protection

The proposed operation causes less than 0.5% interference to surrounding low power assignments and allotments (i.e., "*de minimis*"). It is believed that the proposed operation is in compliance with the spirit and intent of the FCC's interference standards.