

## EXHIBIT 34

### ALLOCATION STUDY

The proposed modification of the WNIT-DT site has been evaluated for potential interference to other television facilities. The SunDTV™ program from V-Soft Communications was used for this evaluation. The program uses hardware and software equivalent to that employed by the Commission in the evaluation of DTV applications. The results of this study indicated that no other broadcast facility would receive interference in excess of the *de minimis* standards set forth by the Commission's rules and policies.

This is not surprising since the changes proposed in the instant application are minor. WNIT-DT is currently authorized<sup>1</sup> to transmit on Channel 35 using an effective radiated power (ERP) of 50 kW at 336 meters height above average terrain (HAAT) from a site defined by the NAD27 coordinates of 41° 37' 09" NL and 86° 11' 41" WL. The application requests authority to move the transmitter site 0.79 km to a location defined by the NAD27 coordinates of 41° 36' 49" NL and 86° 11' 20" WL. From this location, the application requests 50 kW ERP on Channel 35 at 332.9 meters HAAT. Both locations request the use of non-directional antennas.

Because of the relatively small magnitude of the site relocation and the similarity of the power and antenna heights, very little change occurs in the location of the DTV service contours. Page 2 of this exhibit is a map of the FCC F(50,90) contours for both the 40.8 dBu service contour and the 48.0 dBu city coverage contour. The presently authorized facility is shown in blue (service contour only). The requested facility is shown in red (service and city grade contours).

Inspection of this map will show that the proposed contour does not exceed the presently authorized contour over the arc of protection toward Canada. Therefore, it is believed the instant application need not be referred to Canada for further approval.

Because the deadlines for construction and operation of non-commercial educational DTV facilities are approaching quickly, the applicant requests processing in the least possible amount of time. After a long history of leasing space owned by others, a grant of the instant application will insure stable, long-term, non-commercial service to the public at a site owned by the applicant.

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<sup>1</sup> File No. BPEDT-20000330AAZ

**WNIT-DT CP**  
 BPEDT20000330AAZ  
 Latitude: 41-37-09 N  
 Longitude: 086-11-41 W  
 ERP: 50.00 kW  
 Channel: 35  
 Frequency: 599.0 MHz  
 AMSL Height: 577.0 m  
 Elevation: 271.69 m  
 HAAT: 336.0 m  
 Horiz. Pattern: Omni  
 Vert. Pattern: Yes  
 Elec Tilt: 0.5  
 Prop Model: FCC Curves

**WNIT-DT Appl**  
 Proposed  
 Latitude: 41-36-49 N  
 Longitude: 086-11-20 W  
 ERP: 50.00 kW  
 Channel: 35  
 Frequency: 599.0 MHz  
 AMSL Height: 574.7 m  
 Elevation: 266.7 m  
 HAAT: 332.9 m  
 Horiz. Pattern: Omni  
 Vert. Pattern: Yes  
 Elec Tilt: 0.5  
 Prop Model: FCC Curves

■ WNIT-DT CP  
■ WNIT-DT Appl

