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**WSKG PUBLIC TELECOMMUNICATIONS COUNCIL
BINGHAMTON, NEW YORK**

**PERMITTEE OF
WSKA(TV) CHANNEL 30
CORNING, NEW YORK
FACILITY ID # 78908**

FCC FILE No. BPET-19960126KE

**MINOR CHANGE
APPLICATION TO MODIFY EXISTING
CONSTRUCTION PERMIT TO SPECIFY DTV OPERATION**

ENGINEERING EXHIBIT 34

**WSKG PUBLIC TELECOMMUNICATIONS COUNCIL
BINGHAMTON, NEW YORK**

PERMITTEE OF WSKA(TV) CHANNEL 30

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ENGINEERING EXHIBIT 34

1: BACKGROUND

WSKG PUBLIC TELECOMMUNICATIONS COUNCIL has an outstanding Construction Permit for WSKA(TV) on Channel 30 in Corning, NY (File No. BPET-19960126KE). The Channel 30 allotment at Corning does NOT have a paired DTV channel. Due to the fact that BPET-19960126KE was only recently approved by the Commission and the termination date for NTSC operations is fast approaching, The WSKG Telecommunications Council, Inc. believes it in the public interest to build out WSKA as a DTV facility rather than operate for a short time as NTSC and then convert to DTV.

2. FACILITIES REQUESTED

The instant minor application is to modify the outstanding CP for WSKA(TV) to specify DTV operation on Channel 30. The DTV facility requested herein complies with the requirements of Sections 73.622 and 73.623 of the FCC Rules, and all items except Item 1 a thru c on the certification checklist are answered in the affirmative. Item 1 is answered negative because WSKA(TV) has no allotted paired DTV channel.

Specifically, the instant minor application requests a modification of the CP facilities of WSKA(TV) to specify DTV operation on Channel 30 at 50 kW non-directional with horizontal polarization utilizing a Dielectric Model TFU-24GTH omni-

directional transmitting antenna with 0.75 degrees of electrical beam tilt. The proposed DTV Channel 30 antenna elevation parameters are included as Exhibit 33, Figures 2, 2A and Table 2. Distances to the 41 and 48 (F50,90) contours were calculated using the procedures in 73.625(b)(1). HAAT was determined using the Sun DTV routine. A DTV study utilizing the V-Soft Sun DTV on-line workstation showed that there is no prohibited interference to any station or allocation above de-minimis levels caused by the facilities proposed herein.

Figure 4 shows the WSKA-DT proposed 41 and 48 dBu, F(50,90) DTV service contours.