

Larry H. Will, P.E.

Broadcast Engineering

1055 Powderhorn Drive
Glen Mills, PA 19342-9504

PH (610) 399-1826
FAX (610) 399-0995
E-Mail lhwill@verizon.net

THE UNIVERSITY OF NORTH CAROLINA

LICENSE OF W67DV

BURNSVILLE, NORTH CAROLINA

FAC ID# 69291

FCC FILE # BLTT-20020320ACB

APPLICATION FOR A CONSTRUCTION PERMIT FOR

A DTV DISPLACEMENT CHANNEL ON CH 35

FOR W67DV

(MINOR CHANGE)

ENGINEERING EXHIBIT 11

July 5, 2006

1055 Powderhorn Drive
Glen Mills, PA 19342-9504

PH (610) 399-1826
FAX (610) 399-0995
E-Mail lhwill@verizon.net

**THE UNIVERSITY OF NORTH CAROLINA
REASEARCH TRIANGLE PARK, NC
APPLICATION FOR A CONSTRUCTION PERMIT FOR
A DTV DISPLACEMENT CHANNEL ON CH 35
FOR W67DV
(MINOR CHANGE)**

EXHIBIT 11

FACILITIES REQUESTED

THE UNIVERSITY OF NORTH CAROLINA (UNCTV), is filing this application to request authority to construct a digital displacement channel on Channel 35 for W67DV, Burnsville, NC, with an effective radiated power of 0.5 kW (DA), (H).

Pursuant to FCC Public Notice, DA 06-123 and Rules regarding digital LPTV stations, this office, with assistance from Techware, Inc., has completed a Longley-Rice analysis of the proposed digital operation on TV Channel 35 with an ERP of 0.5 kW DA), a “Stringent” channel filter per 74.794, and utilizing a Bogner B8UA directional antenna and that study shows that no prohibited interference will occur to any other authorized or pending full service and LPTV analog or digital station as required by 74.792 and 74.793. The results of the Longley-Rice Study can be supplied to the staff if needed.

CONCLUSIONS

By using the FCC recognized Longley-Rice terrain model and receiver antenna directivity, we have shown that the instant proposal for DTV operation on CH 35 meets the requirements for a displacement digital channel for W67DV, and we believe that this proposal for companion DTV operation of W65DV on Channel 35 (DA) should be GRANTED.