

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 W68DM

BREVARD, NORTH CAROLINA

FAC ID# 69220

FCC FILE # BLTT-20020502AAA

APPLICATION FOR A CONSTRUCTION PERMIT FOR

A DTV DISPLACEMENT CHANNEL ON CH 19

FOR W68DM

(MINOR CHANGE)

ENGINEERING EXHIBIT 11

July 5, 2006

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Glen Mills, PA 19342-9504

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**THE UNIVERSITY OF NORTH CAROLINA
REASEARCH TRIANGLE PARK, NC
APPLICATION FOR A CONSTRUCTION PERMIT FOR
A DTV DISPLACEMENT CHANNEL ON CH 19
FOR W68DM
(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 19 for W68DM, Brevard, NC, with an effective radiated power of 0.5 kW (non-D), (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 19 with an ERP of 0.5 kW, a “Stringent” channel filter per 74.794, and utilizing a non-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 with the exception of UNCTV co-owned W19CR and W52BA. W19CR is currently licensed with analog facilities and concurrently is filing for a flash cut to digital operation. W52BA is also filing concurrently for displacement

operation on Channel 19. A no conditions interference letter is attached hereto. In addition, 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 along with an agreement letter from co-owned W19CR and W52BA, we have shown that the instant proposal for W68DM DTV operation on CH 19 meets the requirements for a displacement digital channel for W68DM on Channel 19 and we believe that this proposal for displacement DTV operation of W68DM on Channel 19 should be GRANTED.