

TECHNICAL EXHIBIT  
AMENDMENT TO APPLICATION FOR FM CONSTRUCTION PERMIT  
RADIO STATION WNND(FM)  
CHICAGO, ILLINOIS  
CH 262B 5.65 KW 425 M

Non-Adverse Impact on WXRT(FM) Directional FM Antenna

The proposed Master FM antenna, which WNND(FM) will operate from, will be located on the same supporting structure as radio station WXRT(FM) on Channel 226B assigned to Chicago, Illinois. WXRT(FM) operates with an ERI Directional FM antenna, also the manufacturer of the new Master FM antenna. Appendix A contains a statement that "ERI will guarantee the pattern measurement results [of WXRT] will demonstrate that the WXRT pattern will be unchanged by the proposed changes to the structure."

Charles A. Cooper

April 26, 2001

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APPENDIX A

ANTENNA MANUFACTURER STATEMENT REGARDING IMPACT  
TO CO-LOCATED WXRT (FM)

Memo From R. Rose (Feb.27, 01)  
Project: Hancock Center Quote  
Subject: proposed clause dealing with WXRT

#### Consideration for WXRT directional antenna

WXRT's directional antenna currently occupies a position on the East Mast. This antenna was originally manufactured by ERI. As planned the new Master FM antenna will be located just above WXRT's antenna on the East Mast. It is also intended to redesign and provide a new support structure for the Master FM Antenna system. The non-adverse impact this new structure will have on WXRT antenna will be of the utmost importance to ERI.

Included within ERI Quote are provisions to model WXRT's antenna. Allowances are provided for the customers to witness the full scale Antenna mockup and discuss modeling results. ERI feels certain that a coverage pattern for WXRT is obtainable that is for all practical purposes identical to WXRT's current pattern. ERI will guarantee the pattern measurement results will demonstrate that the WXRT pattern will be unchanged by the proposed changes to the structure. The changes will include the addition and removal of feed lines as required by the antenna modifications. The ERI procedure for the pattern measurement will be as follows:

Step 1: ERI will build and test a full-scale model of the existing WXRT antenna and it's mounting structure.

Step 2: ERI will add the proposed modifications to the test and repeat the measurements.

Step 3: ERI will compare the before and after measurements to verify that no adverse change in the WXRT coverage will occur. The measurement guarantee will be made to be within the range accuracy of  $\pm 2$  db.