SELLMEYER ENGINEERING
BROADCAST & COMMUNICATION CONSULTING ENGINEERS
P. O. Box 356 McKinney, Texas 75070
MEMBER AFCCE

EXHIBIT E1-1
ENGINEERING STATEMENT RE:
APPLICATION TO CORRECT MISCELLANEOUS ELEVATIONS
& INCREASE EFFECTIVE RADIATED POWER
KERA-TV, CHANNEL 13
FACILITY ID: 49324
FILE NO: BLET-19990419KE (ANALOG)
FILE NO: BLEDT-20031103ACR (DIGITAL)
DALLAS, TEXAS

This Firm has been retained by North Texas Public Broadcasting, Inc., licensee of television station KERA-TV, Dallas, Texas to prepare this exhibit, associated with FCC Form 340 to correct certain minor discrepancies in the KERA-TV, channel 13 license and the KERA-DT channel 14 licenses.

JUSTIFICATION FOR WAIVER OF ACCEPTANCE REQUIREMENTS FOR POWER INCREASE

The instant application proposes to restore the effective radiated power to its previous level of 316 kilowatts. The power was lowered to 300,000 watts in a previous application due to apparent errors in the gain/loss calculations of the antenna systems and some transient problems with the installed transmitter. These items have been corrected by station personnel and the KERA-TV transmission system is capable of operating in compliance with all applicable Rules at 316,000 watts ERP. The attached map shows the minimal change in coverage resulting from this increase in power.

BACKGROUND & ORIGIN OF DISCREPANCIES

Stations KERA-TV and KERA-DT share common antenna systems with co-located KTVT and KTVT-DT respectively. As such, the centers of radiation for both NTSC stations are the same for both stations as are the DTV centers of radiation for both stations.

The discrepancies in the KERA-TV, channel 13 license were discovered during a review of facilities for the DTV certification. All discrepancies are minor and no change in the coverage or interference contours will result from the corrections.

The discrepancies resulted from the replacement of a defective DTV antenna originally installed immediately below the NTSC antenna with a new antenna which is slightly longer in length. This resulted in the relocation of the presently authorized NTSC antenna to a location 2 meters above the previous elevation. There is no change in the make or model.

The elevation at ground level was corrected to conform to the data in the antenna structure registration.

The following table delineates the discrepancies between the presently issued license and the corrected elevations:

PARAMETER	LICENSED	CORRECTED
HAAT:	518.0	520.5 Meters
RC AMSL:	712.0	714.5 Meters
RC: AGL:	469.0	471.0 Meters

A minor change in effective radiated power was made in application file number BLET-19990419KE. The origin of the power calculations supporting the statement to the effect that the transmitter power output was insufficient to make the 316 kilowatt effective radiated power is not known. However a recent recalculation of the gains and losses of the antenna system by William J. B. Smith and certain revisions to the KERA-TV transmitting system have made it possible to transmit with the full ERP of 316 KW. For this reason, the station is requesting restoration of the formerly authorized 316 kilowatts ERP.

In the channel 14 digital television portion of the license, the following discrepancy was noted:

PARAMETER	LICENSED	CORRECTED
RC AMSL:	694.0	694.5 Meters

No other changes are requested.

J. S. Sellmeyer, P.E.

February 18, 2006

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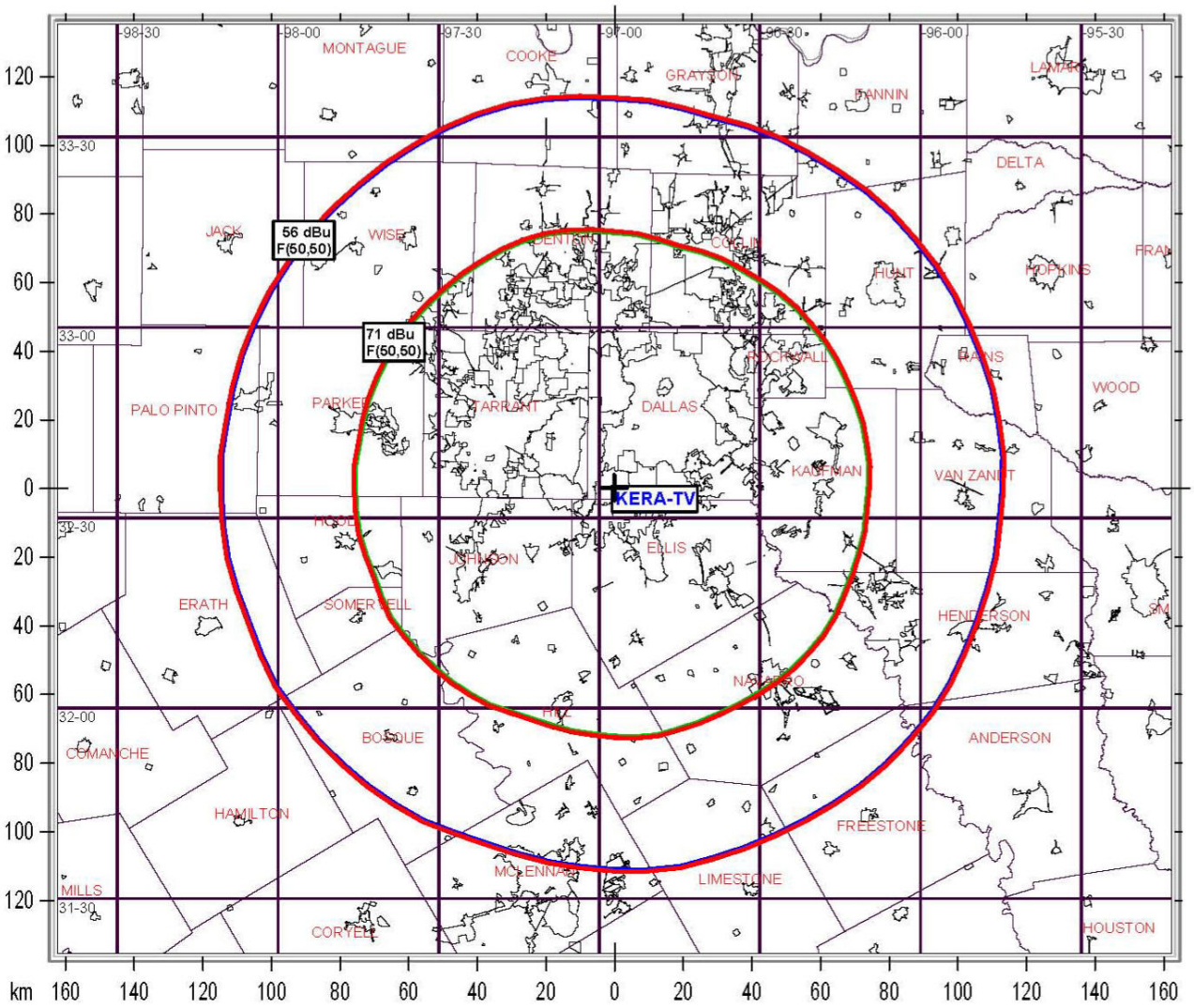
NORTH TEXAS PUBLIC BROADCASTING, INC.
KERA-TV
CHANNEL 13
DALLAS, TEXAS
EXHIBIT SHOWING CHANGES IN 56 & 71 dBu CONTOURS
DUE TO PROPOSED LICENSE CORRECTIONS



INNER CONTOUR (BLUE/GREEN): 310,000 WATTS ERP
OUTER CONTOUR (RED): 316,000 WATTS ERP