

# KFMA

*Quint Cities Only Music and News Station*

415 PERRY STREET • DAVENPORT, IOWA • TELEPHONE 6-4407

March 1, 1955

Mr. David F. Thomas  
Longwave Listening Post  
Radio W. U. M. S.  
Proctorville, Ohio

Dear Mr. Thomas:

Thank you for your very fine reception report. We have delayed confirming your report because of a printing error on our QSL Cards. We were in hopes that this mistake could have been corrected before this time; however, in order not to delay confirmation any longer we have sent the enclosed card. The card should read 250 watts rather than 240 watts.

Our regular frequency test is scheduled with Commercial Monitoring of Kansas City, Missouri, on the first Tuesday of each month. It has been our practice to conduct this test some time after midnight which allows us time ('til sign on) to check and balance all the equipment. Since we are on a monthly frequency check basis we receive a telephone report on our frequency and operation of our G. R. Frequency monitor. We also have a G. R. modulation monitor.

Our transmitter is an old R.C.A. 250-G which uses a pair of 805's in the final and also a pair as modulators. The transmitter has an efficiency of 84 to 87 per cent of which we are mighty proud. Incidentally, this is not a grounded grid transmitter. The antenna is a one-fourth wave length (about 172 feet) shunt fed tower. We have a ground system of buried copper wires standard with Broadcast Stations. Two small creeks have been dammed to make a pond on two sides of the tower which gives us excellent ground conductivity around the tower. This exceptionally good counterpoise probably accounts for our unusually high efficiency. Our Console is a Raytheon RC - 11.

#### FACTS ABOUT DAVENPORT:

The county seat of Scott County, with a population of 80,000, Davenport of today is the third largest city in the state of

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Mr. David F. Thomas (Cont'd)

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Iowa and the largest city in the state on the west bank of the Mississippi River, and ranks high as a retail and business center. It has a diversified industrial development ranging from locomotive manufacturers to foundries - from high fashion women's clothing to food processing and manufacturing. Davenport is the shopping and buying center for people and many business firms within a 75-mile radius - an area with over 350,000 population.

If you are ever in Davenport, stop in and say hello. Thank you again for your reception report.

Cordially yours,

*Fran Shawver*

Fran Shawver  
Chief Engineer

FS:bls  
Enc.

*The Station With the Smile . . . At the Top O' the Dial*

SERVING DAVENPORT AND BETTENDORF, IOWA • ROCK ISLAND, MOLINE AND EAST MOLINE, ILLINOIS • AND TRADE TERRITORY

1500 KC.

240 WATTS

RADIO STATION

**KFMA**

DAVENPORT, IOWA

ACKNOWLEDGES RECEIPT OF YOUR CONFIRMED RECEPTION  
WE APPRECIATE THIS REPORT VERY MUCH.

*Frank Hawser*  
DIRECTOR OF ENGINEERING