

UNITED STATES OF AMERICA
FEDERAL COMMUNICATIONS COMMISSION

REGULAR BROADCAST STATION CONSTRUCTION PERMIT

Modified as of August 12, 1948

Subject to the provisions of the Communications Act of 1934, subsequent acts, and treaties, and all regulations heretofore or hereafter made thereunder, and further subject to the conditions set forth in this permit, authority is hereby granted to R. M. McKAY, SR., R. M. McKAY, JR., JAMES M. McGREW, REVIS V. HOBBS and R. A. LARGEN, A Partnership d/b as ELK RIVER BROADCASTERS

to construct a radio transmitting station located and described as follows:

1. Location of transmitter: State Tennessee County Lincoln
City or town 1 mile west of Fayetteville Street and number North of U.S. Highway 64

N. Latitude: Degrees 35, minutes 09, seconds 28

W. Longitude: Degrees 86, minutes 35, seconds 25

2. Location of main studio: State Tennessee County Lincoln
City or town 1 mile west of Fayetteville Street and number North of U.S. Highway 64

3. Description of transmitting apparatus:

RAYTHEON MFG. CO., Type RA-250, Broadcasting Transmitter. Direct Crystal Control. Last radio stage: two 125-watt vacuum tubes for high level modulation. Maximum rated carrier power output 250 watts.

Antenna: 150' (155' overall height) guyed, uniform cross section, series fed vertical radiator. Ground system consists of 120 radials 200' long of buried copper wire.

Tower to be painted and lighted in accordance with the attached specifications.

Power to be determined by the direct method (Sec. 3.51).