

# TELEQUIPMENT NEWS

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## KTVX BOOSTS POWER TO 316,000 WATTS SHARPENS RECEPTION IN FOUR STATES

When television station KTVX, Muskogee-Tulsa, Okla., "threw the switch" on its new General Electric 50 KW transmitter last November 30, it became one of the nation's most powerful VHF stations—and, by far, the most powerful in eastern Oklahoma, according to station executives who add the following:

"Viewers in fringe area cities such as Fort Smith, Ark., Fayetteville, Ark., Noel, Mo., Caney and Independence, Kans.; and Perry, Ponca City, Miami, Tahina and Ada, Okla., called to report vastly improved reception. Hundreds of calls were received from Tulsa area viewers—in the City Grade coverage circle—saying reception was much sharper. Similar reports were contained in thousands of cards and letters which followed the boost to maximum power.

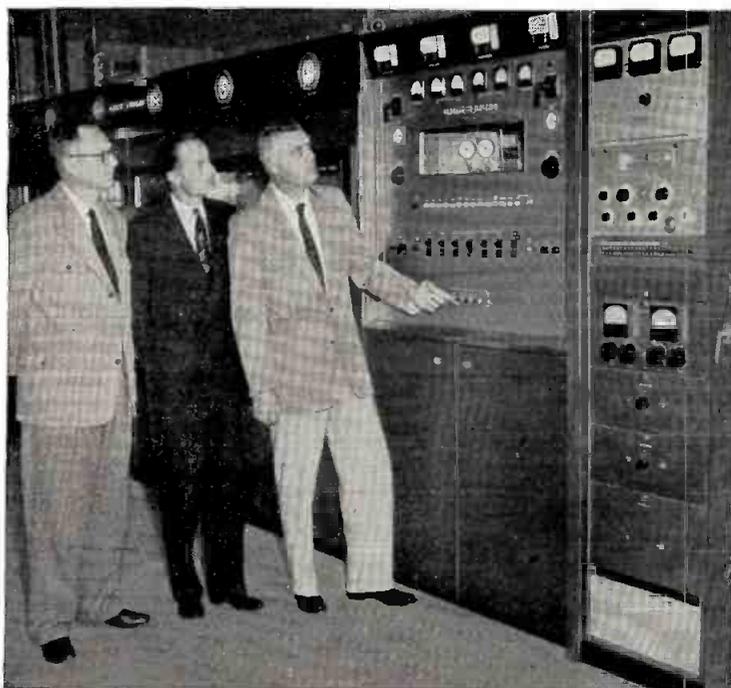
"The power increase carried the Channel 8 video signal to more than a million people in thirty-one counties of eastern Oklahoma, southern Kansas, western Arkansas and southwest Missouri.

"The event also climaxed a series of 'firsts' for the 316,000-watt television station, which is General Electric equipped from stem to stern."

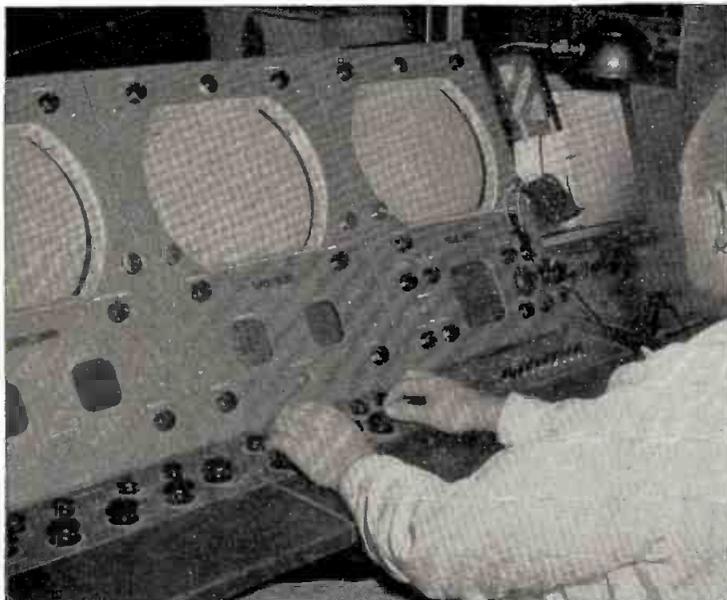
The new television transmitter, most powerful yet produced by General Electric, is one of the first of this model to be installed in the Southwest. There are numerous other G-E '50' installations including flagship stations of one major television network.

"Actual installation of the 50 KW transmitter was something of a record in itself.

"The KTVX transmitter building and the 650-foot tower—topped by its 12-bay high-gain General Electric antenna—is located atop Concharty



Inspecting the controls of the new General Electric 50 KW transmitter of Station KTVX, Channel 8, in the site atop Concharty mountain: James C. Leake, left, Executive Vice President of the Tulsa Broadcasting Co.; L. A. Blust, Jr., Vice President-General Manager, center, and Robert E. Snider, Director of Engineering.



Station KTVX engineer is shown operating the General Electric studio monitor controls in the studios at Muskogee, Oklahoma.

Mountain, midway between Muskogee, Oklahoma, and Tulsa, metropolis of Eastern Oklahoma.

"Chief Engineer Louis Brown, with transmitter engineers Gene Silkey, Howard Hamilton and others, working day and night under the direction of Robert E. Snider, engineering supervisor for the Tulsa Broadcasting Company, had the new transmitter wired and 'checked out' within nine days after it was delivered on the mountain.

"Within three hours after the last tube was installed in the transmitter on the morning of November 30, KTVX 'hit the air' commercially with its full impact—316,000 watts

—and stayed on!

"Almost immediately after the switch was thrown, long distance phone calls and telegrams from over the Channel 8 area began besieging the KTVX studios in Muskogee and general offices in Tulsa.

"KTVX is owned and operated by the Tulsa Broadcasting Company, headed by John T. Griffin, President. It is affiliated with and carries the top shows of the ABC and DuMont television networks, offers top quality feature movies and serial films and does an outstanding job on local programming schedules."

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