

## RADIO AND TELEVISION ENGINEERING AND FACILITIES

As we are all aware, the year 1974 saw the beginning of an economic decline in the United States and worldwide that has yet to be reversed. This has naturally had it's effect in slowing the expansion of Faith Center ministry.

Regardless of this, a great advance was accomplished when KVOF-TV, Channel 38 in San Francisco went on the air last August, making Christian television available to over five million people in the Bay Area. Delays in delivery of equipment postponed the sign-on date longer than we anticipated, but in retrospect we feel that this was the Lord's timing and was actually beneficial. One advantage was that we were able to complete the entire installation using people already on our engineering staff without hiring any outside help. Acceptance of the station in the Bay Area has been outstanding, and outreach of the  $2\frac{1}{2}$  million watt signal is excellent, reaching even to areas in the central valley of California beyond the predicted coverage.

Completion and equipping of the new production studios at 730 E. Broadway in Glendale has not progressed as rapidly as we had hoped. However, as this is being written, most of the production equipment has been moved from Faith Center and is being installed in the new studios. Limited television production there is now possible and full production within the capabilities of the present equipment will be resumed in April. Set construction, programming and traffic departments were moved to the new facility several months ago.

A new high efficiency klystron tube was installed in the KHOF-TV Channel 30 transmitter at Sunset Ridge in 1974, allowing us to maintain our regular licensed power with a saving of about 12% in cost of electricity.

The Federal Communications Commission has granted us a Construction Permit for a much needed increase of the transmitter power at WHCT in Hartford. We may accomplish this by modifying the present transmitter rather than installing a new one, thereby greatly reducing the cost. We are also looking for a more suitable and less expensive building to house Channel 18.

We look to 1975 as a year of increased outreach of the broadcast ministries of Faith Center as KVOF-TV becomes firmly established in the San Francisco area and the new facilities at the Production Center are put into use.

Respectfully submitted,

Bernie Marston  
Director of Engineering