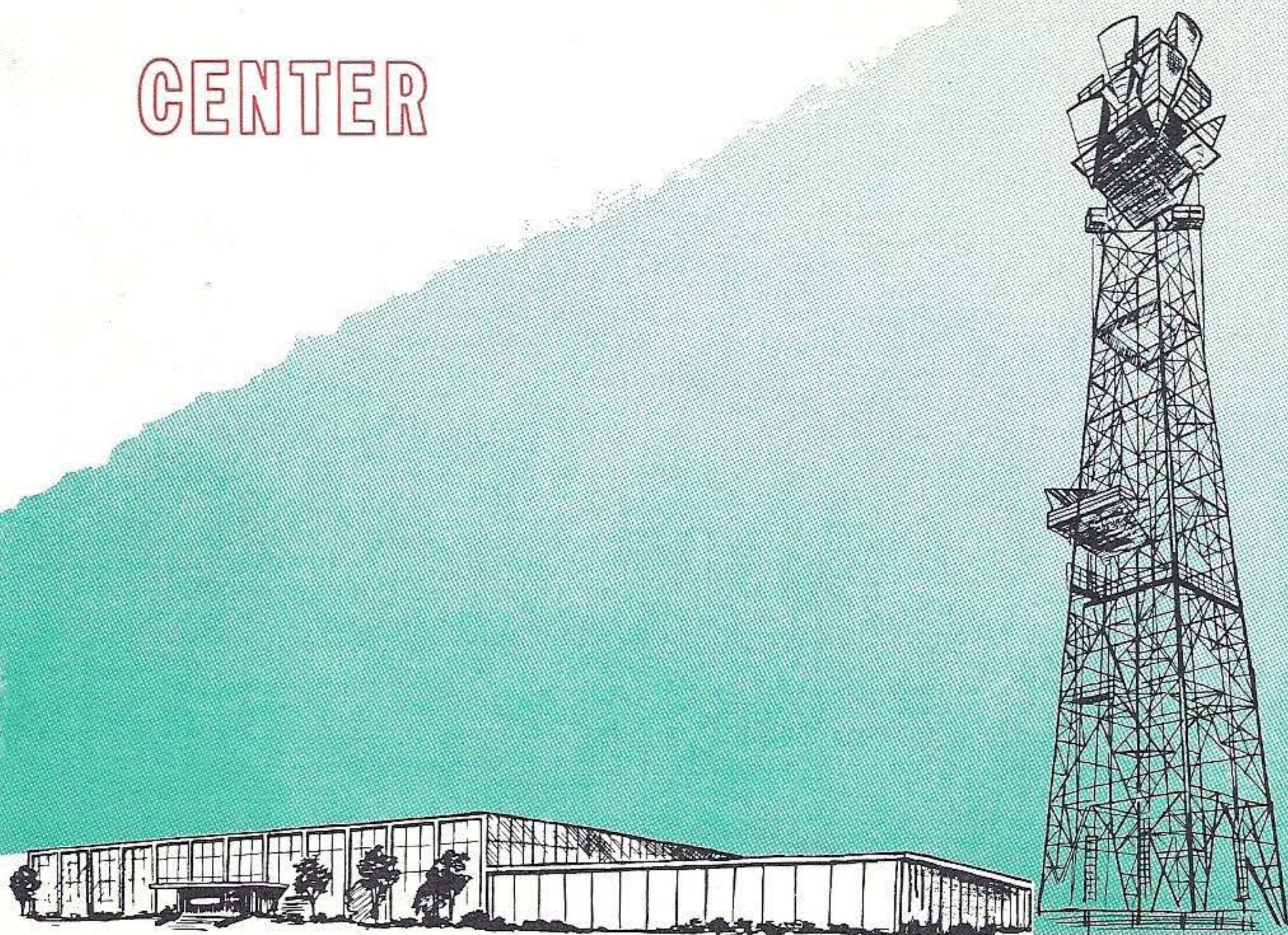


NORWAY REGIONAL SWITCHING CENTER



A PRODUCT OF BELL TELEPHONE SYSTEM

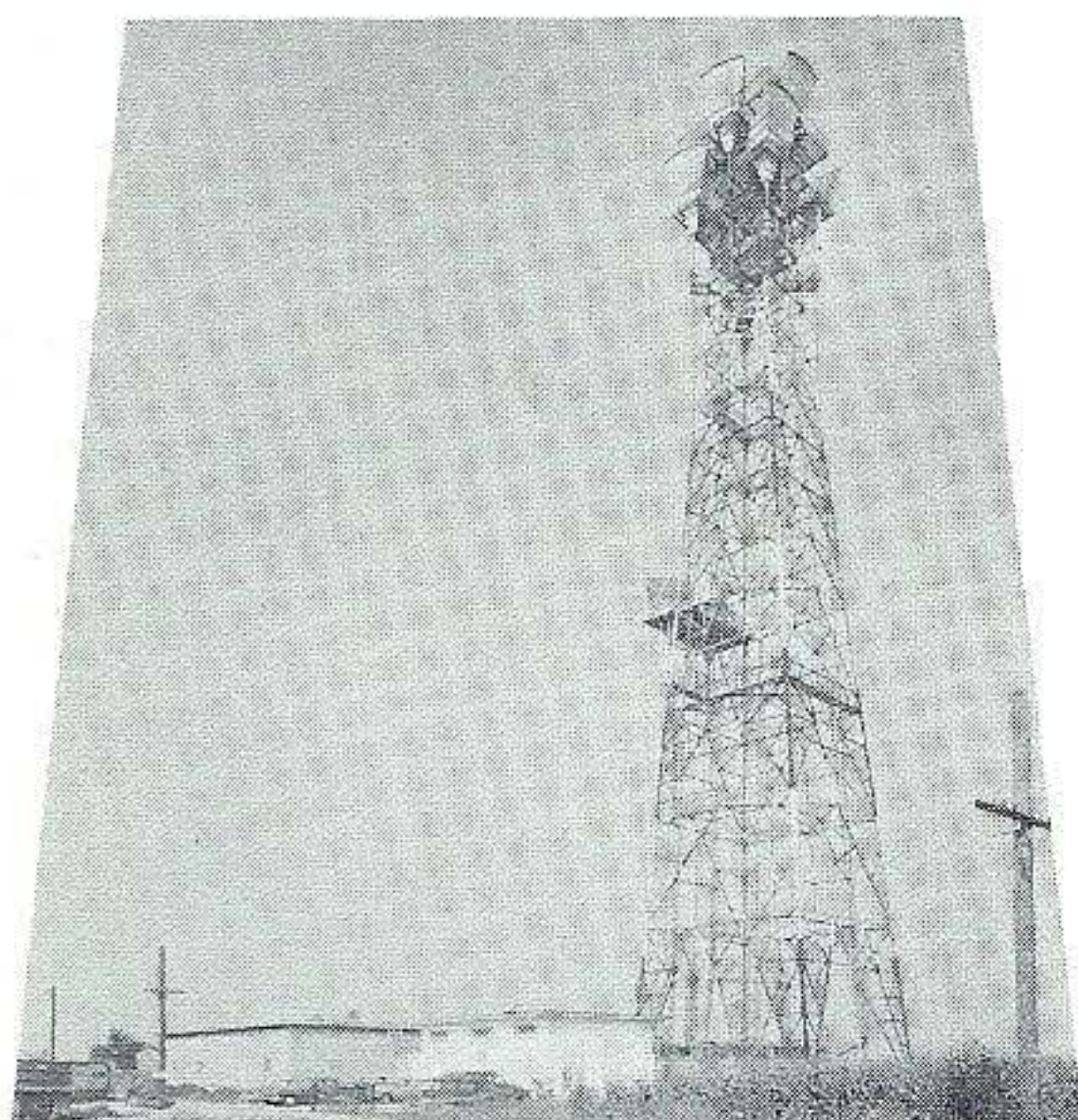
- ILLINOIS BELL TELEPHONE
- WESTERN ELECTRIC COMPANY
- AMERICAN TELEPHONE AND TELEGRAPH
COMPANY – LONG LINES DEPARTMENT

THE FIRST NORWAY



Constructed in 1952 to serve Chicago-St. Louis radio relay route. Unmanned, it was built as one of nine repeater stations along the 250-mile route.

HOW IT GREW



In 1956 almost 6000 square feet were added for Chicago Bypass radio relay route. December of 1960 saw a 10,000 square foot addition for TH Microwave Radio.

NORWAY TODAY



During 1961 an additional 138,000 square feet added for new 4A switching center. From an original structure of 803 square feet, the repeater station has mushroomed to 153,000 square feet, increasing its size 193 times. Only eight-legged radio relay tower in Bell System, 242-foot tower supports 16 antennas serving eight radio directions.



NORWAY'S ROLE

Norway becomes the new 10th regional center in the Bell System's communications network. A major link in the nation's telephone switching network, it will handle long distance calls previously dialed through the Chicago metropolitan area's switching centers. The 4A switching system at Norway is designed to handle a maximum of 16,000 circuits, has facilities for handling more than 650,000 calls a day.

As calls are dialed through the 4A system it listens, remembers, figures out the best routes, makes the connection, alerts, reports and even corrects itself. If it detects an obstacle on the way, it files a report, then chooses another route and goes on to complete the call, in a matter of about five seconds.

CUTOVER is the time at which the network goes into service. Norway's first cutover date is December 2, 1962. During the quiet pre-dawn hours testrooms all over the United States hum with activity as hundreds of Bell System people are all switching circuits into the network on split-second timing. Second and final cutover of circuits will take place March 3.