

wokj
mclendon
ebony
radio 5000 WATTS AT 1590

P.O. Box 2667, Jackson 7, Miss., Phone FL 4-4096*

July 19, 1963

Mr. Maurice W. Nittler
4590 South Julian
Englewood, Colorado

Dear Sir:

Your report of reception of WJAO on the morning of July 3, 1963 is correct. I am a little surprised that anyone would listen so long for only station idents. Incidentally, we were running about 10 kw at the time, tuning our directional array. When you were listening, we were tuning the day array, and apparently we had a big lobe running in the direction of Denver.

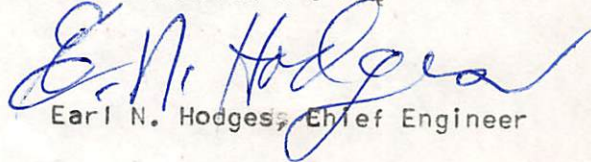
In fact, once the array is in proper phase and power, we will be radiating about 300 kw effective power in your direction.. That lobe will be some 30° wide, centered slightly north of Denver. An equal lobe will be directed east of Jackson. In all other directions radiation will be restricted to slightly less than one kilowatt on the minimums to about 3 kw in a few areas.

The pattern is beginning to take definite shape. However, we have left off testing for a while. We are, instead, erecting a three-tower array for this station, WOKJ, which is also owned by the same interests. As soon as the three tower, 1 kw array is completed, we will resume tuning the 50. Incidentally both arrays are inline, with the WJAO array using six towers at night with 10 kw, and five towers daytime, 50 kw.

Appreciate hearing ~~from you~~ from you, and invite you to tune in say in about four to six weeks, when we probably will have the carrier modulated with music quite a bit of the time.

Again thanks.

Sincerely,
RADIO STATION W J A O


Earl N. Hodges, Chief Engineer