

STANDARD BROADCAST STATION LICENSE

Subject to the provisions of the Communications Act of 1934, subsequent Acts, and Treaties, and Commission Rules made thereunder, and further subject to conditions set forth in this license, ¹the LICENSEE

NORTHWESTERN COLORADO BROADCASTING COMPANY

is hereby authorized to use and operate the radio transmitting apparatus hereinafter described for the purpose of broadcasting for the term ending 3 a.m. Local Time APRIL 1, 1983

The licensee shall use and operate said apparatus only in accordance with the following terms:

1. On a frequency of 550 kHz.
2. With nominal power of 500 watts nighttime and 5 kilo watts daytime,
with antenna input power of 540 watts --- directional Common Point current 3.30 amperes
antenna nighttime Common Point resistance 49.6 ohms,
and antenna input power of 5.0 kilo watts non directional Antenna current 16.0 amperes
antenna daytime Antenna resistance 19.5 ohms
3. Hours of operation: Unlimited Time.
Average hours of sunrise and sunset:
Jan. 7:30 am to 5:15 pm; Feb. 7:00 am to 5:45 pm;
Mar. 6:30 am to 6:15 pm; Apr. 5:30 am to 6:45 pm;
May 5:00 am to 7:15 pm; June 4:45 am to 7:45 pm;
July 4:45 am to 7:45 pm; Aug. 5:15 am to 7:15 pm;
Sep. 5:45 am to 6:15 pm; Oct. 6:15 am to 5:30 pm;
Nov. 7:00 am to 5:00 pm; Dec. 7:30 am to 4:45 pm;
Mountain Standard Time (Non-Advanced)
4. With the station located at: Craig, Colorado
5. With the main studio located at: 125 West Victory Way
Craig, Colorado
6. Remote control point: 125 West Victory Way
Craig, Colorado
7. Transmitter location:
On Hwy. 13, approx. 1.2 miles N. of North Latitude: 40° 32' 45"
Craig, Colorado West Longitude: 107° 31' 52"

8. Obstruction marking specifications in accordance with the following paragraphs of FCC Form 715: 1, 3, 12 & 21.

9. Transmitter(s): Type Accepted

10. Conditions: ---

The Commission reserves the right during said license period of terminating this license or making effective any changes or modification of this license which may be necessary to comply with any decision of the Commission rendered as a result of any hearing held under the rules of the Commission prior to the commencement of this license period or any decision rendered as a result of any such hearing which has been designated but not held, prior to the commencement of this license period.

This license is issued on the licensee's representation that the statements contained in licensee application are true and that the undertakings therein contained so far as they are consistent herewith, will be carried out in good faith. The licensee shall, during the term of this license, render such broadcasting service as will serve public interest, convenience, or necessity to the full extent of the privileges herein conferred.

This license shall not vest in the licensee any right to operate the station nor any right in the use of the frequency designated in the license beyond the term hereof, nor in any other manner than authorized herein. Neither the license nor the right granted hereunder shall be assigned or otherwise transferred in violation of the Communications Act of 1934. This license is subject to the right of use or control by the Government of the United States conferred by Section 606 of the Communications Act of 1934.

1/ This license consists of this page and pages 2. Page 3 attached to BR-2123 dated 4-24-74.

Dated: November 8, 1982

KJ

FEDERAL
COMMUNICATIONS
COMMISSION



File No.: BZ820917AA Call Sign: KRAI Date: 11-8-82

1. DESCRIPTION OF DIRECTIONAL ANTENNA SYSTEM

DA-D

No. and Type of Elements: Two uniform cross section, guyed,
series-excited vertical steel radiators.

Height above Insulators: 312' (62.7°)
Overall Height: 317'
Spacing and Orientation: Spaced 1370' (276°) on a line bearing 121° true

Non-Directional Antenna: Southeast (#2) tower used with the northwest
open circuited at the base.
Ground System consists of 120-448' equally spaced, buried copper
radials plus 24' square copper ground screen about the base of tower. Ground
system are connected iwith copper strap.

2. THEORETICAL SPECIFICATIONS

	Northwest (#1)	Southeast (#2)
Phasing:	0°	165.6°
Field Ratio:	1.0	0.593

3. OPERATING SPECIFICATIONS

Phase Indication*:	0°	166°
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Antenna Base	1.00	0.612
Current Ratio:		

Antenna Monitor Sample	1.00	0.61
Current Ratio:		

*As indicated by Potomac Instrument AM-19(204) antenna monitor.

EXEMPTIONS AS LISTED IN SECTION 73.68(b) OF THE RULES WILL APPLY
DURING PROPER OPERATION OF APPROVED SAMPLING SYSTEM.