



United States of America  
**FEDERAL COMMUNICATIONS COMMISSION**  
**AM BROADCAST STATION LICENSE**

Authorizing Official:

Official Mailing Address:

CUMULUS LICENSING LLC  
3280 PEACHTREE ROAD, NW  
SUITE 2200  
ATLANTA GA 30305

Son Nguyen  
Supervisory Engineer  
Audio Division  
Media Bureau

Facility Id: 12506

Call Sign: KUGN

License File Number: BL-19980722AA

Grant Date: November 18, 1998

This license expires 3:00 a.m.  
local time, February 01, 2006.

This supersedes authorization of same date to correct  
monitor point distances. (JBS 12/7/98)

Subject to the provisions of the Communications Act of 1934, subsequent acts and treaties, and all regulations heretofore or hereafter made by this Commission, and further subject to the conditions set forth in this license, the licensee is hereby authorized to use and operate the radio transmitting apparatus herein described.

This license is issued on the licensee's representation that the statements contained in licensee's 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 the 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.

Hours of Operation: Unlimited

Average hours of sunrise and sunset:  
Local Standard Time (Non-Advanced)

Jan.	7:45 AM	5:00 PM	Jul.	4:45 AM	8:00 PM
Feb.	7:15 AM	5:45 PM	Aug.	5:15 AM	7:15 PM
Mar.	6:30 AM	6:15 PM	Sep.	5:45 AM	6:30 PM
Apr.	5:30 AM	7:00 PM	Oct.	6:30 AM	5:30 PM
May	4:45 AM	7:30 PM	Nov.	7:00 AM	4:45 PM
Jun.	4:30 AM	8:00 PM	Dec.	7:45 AM	4:30 PM

Name of Licensee: CUMULUS LICENSING LLC

Station Location: EUGENE, OR

Frequency (kHz): 590

Station Class: B

Antenna Coordinates:

Night

Latitude: N 44 Deg 06 Min 03 Sec

Longitude: W 123 Deg 03 Min 06 Sec

Transmitter(s): Type Accepted. See Sections 73.1660, 73.1665 and 73.1670 of the Commission's Rules.

Nominal Power (kW): Night: 5.0

Antenna Input Power (kW): Night: 5.4

Antenna Mode: Night: DA

(DA=Directional Antenna, ND=Non-directional Antenna; CH=Critical Hours)

Current (amperes): Night: 10.4

Resistance (ohms): Night: 50

Antenna Registration Number(s):

Night:

Tower No.	ASRN	Overall Height (m)
1	1035781	
2	1035782	
3	1035783	

DESCRIPTION OF DIRECTIONAL ANTENNA SYSTEM

Theoretical RMS (mV/m/km): Night: 678.94

Standard RMS (mV/m/km): Night: 713.27

Augmented RMS (mV/m/km):

Q Factor: Night:

Theoretical Parameters:

Night Directional Antenna:

Tower No.	Field Ratio	Phasing (Deg.)	Spacing (Deg.)	Orientation (Deg.)	Tower Ref Switch *	Height (Deg.)
1	1.0000	0.000	0.0000	0.000	0	79.0
2	0.8630	127.900	78.9000	76.500	0	80.0
3	0.2610	69.500	129.0000	346.400	0	80.3

\* Tower Reference Switch

0 = Spacing and orientation from reference tower

1 = Spacing and orientation from previous tower

Night Directional Operation:

Twr. Phase No.	Antenna Monitor Sample Current Ratio
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1	0
2	125.8
3	69.1

Antenna Monitor: GORMAN- REDLICH, MODEL CMR

Sampling System Approved Under Section 73.68 of the Rules.

Monitoring Points:

Night Operation:

Radial (Deg. T)	Distance From Transmitter (kM)	Maximum Field Strength (mV/m)
45	1.64	
101	2.1	
135.5	2.2	

\*\*\* END OF AUTHORIZATION \*\*\*