ENGR

FRC ID 69566

United States of America

FEDERAL COMMUNICATIONS COMMISSION

AM BROADCAST STATION LICENSE

Official Mailing Address:

CLEAR CHANNEL RADIO LICENSES, INC.
1265 PERKIOMEN AVENUE
READING, PA 19602

Authorizing Official

Ann Hardy
for Brian J. Butler
Supervisory Engineer
Audio Services Division
Mass Media Bureau

Call Sign: WRAW

Grant Date: FEB 25 1999

License File No.: BZ-981123AC

This license expires 3:00 a.m. Local time, August 1, 2006

Direct Measurement of Power

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.	7:30 a.m.	5:00 p.m.	Jul.	4:45 a.m.	7:30 p.m.
Feb.	7:00 a.m.	5:45 p.m.	Aug.	5:15 a.m.	7:00 p.m.
Mar.	6:15 a.m.	6:15 p.m.	Sep.	5:45 a.m.	6:15 p.m.
Apr.	5:30 a.m.	6:45 p.m.	Oct.	6:15 a.m.	5:30 p.m.
May	4:45 a.m.	7:15 p.m.	Nov.	6:45 a.m.	4:45 p.m.
Jun.	4:30 a.m.	7:30 p.m.	Dec.	7:15 a.m.	4:45 p.m.

Licensee: CLEAR CHANNEL RADIO LICENSES, INC.

Station Location: READING, PA

Frequency (kHz): 1340

Station Class: C

Transmitter Location:
PA - ADJACENT TO NEVERSINK RESEVOIR, READING

Latitude: N 40° 19' 27"
Longitude: W 75° 55' 10"

Main Studio Location: (See Section 73.1125)
PA - 1265 PERKIOMEN AUENUE, READING

Nominal Power (kW): Unlimited: 1.0

Antenna Input Power (kW): Unlimited: 0.71

Antenna Mode: Unlimited: ND

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

Current (amperes): Unlimited: 4.75

Resistance (ohms): Unlimited: 31.50

Antenna Description:

Non-Directional Antenna:

Radiator Height: 45.7 meters; 73.5°
Theoretical Efficiency: 241.40 mV/m/kW at 1 km

Vertical, guyed, series-excited steel radiator of uniform cross section and base insulated.

Ground System Description:

120 equally spaced, buried, copper radials 46 meters in length about the base of the tower.

Antenna Registration Number: None
Overall Height (m): 46.6
Obstruction Marking and lighting Specifications -
FCC Form 715, paragraphs: None Required

Special Operating Conditions or Restrictions:

1. The permittee/licensee in coordination with other users of the site must reduce power or cease operation as necessary to protect persons having access to the site, tower or antenna from radiofrequency electromagnetic fields in excess of FCC guidelines.

Obstruction marking and lighting specifications for antenna structure(s):

It is to be expressly understood that the issuance of these specifications is in no way to be considered as precluding additional or modified marking or lighting as may hereafter be required under the provisions of Section 303(q) of the Communications Act of 1934, as amended.

None Required

*** END OF AUTHORIZATION ***