



United States of America
FEDERAL COMMUNICATIONS COMMISSION
FM BROADCAST STATION LICENSE

Authorizing Official:

Official Mailing Address:

WASHINGTON STATE UNIVERSITY
EDUCATIONAL TELECOMMUNICATIONS
AND TECH.
MURROW COMM CENTER, P.O. BOX 642
PULLMAN WA 99164

Facility Id: 71028

Call Sign: KNWR

License File Number: BLED-19920610KA

This license covers Permit No.: BPED-19900116MQ

Robert D. Greenberg
Supervisory Engineer
Audio Division
Media Bureau

Grant Date: March 16, 1993

This license expires 3:00 a.m.
local time, February 01, 1998.

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.

Callsign: KNWR

License No.: BLED-19920610KA

Name of Licensee: WASHINGTON STATE UNIVERSITY

Station Location: WA-ELLENSBURG

Frequency (MHz): 90.7

Channel: 214

Class: C1

Hours of Operation: Unlimited

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

Transmitter output power:

Antenna type: Non-Directional

Description:

Antenna Coordinates: North Latitude: 47 deg 15 min 48 sec
West Longitude: 120 deg 23 min 31 sec

	Horizontally Polarized Antenna	Vertically Polarized Antenna
Effective radiated power in the Horizontal Plane (kW):	4.6	4.6
Maximum effective radiated power (kW):	5.0	5.0
Height of radiation center above ground (Meters):	40	40
Height of radiation center above mean sea level (Meters):	2059	2059
Height of radiation center above average terrain (Meters):	777	777
Antenna structure registration number:	Not Required	
Overall height of antenna structure above ground:	42 Meters	

Obstruction marking and lighting specifications for antenna structure:

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

Special operating conditions or restrictions:

- 1 WAIVER OF 47 C.F.R. SECTION 73.1125 IS GRANTED TO ALLOW THE OPERATION OF THIS STATION AS A SATELLITE OPERATION OF KFAE, RICHLAND, WASHINGTON.

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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 RADIATION IN EXCESS OF FCC GUIDELINES.

*** END OF AUTHORIZATION ***