

FEDERAL COMMUNICATIONS COMMISSION

FM BROADCAST STATION LICENSE



Official Mailing Address:

WASHINGTON STATE UNIVERSITY
382 MURROW COMM CENTER
PULLMAN, WA 99164

Authorizing Official:

Arthur E. Doak
Supervisory Engineer, FM Branch
Audio Services Division
Mass Media Bureau

Grant Date: OCT 03 1994

Call sign: KNWO

This license expires 3:00 am.
local time: October 01, 1997

License File No.: BLED-940207KA

This license covers Permit No.: 930113MB

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.

Name of Licensee:

WASHINGTON STATE UNIVERSITY

Station Location:

ID-COTTONWOOD

Frequency (MHz): 90.1

Channel: 211

Class: C3

Hours of Operation: Unlimited

Main Studio Address:

ID-RADIO-TV BUILDING, UNIVERSITY OF IDAHO, MOSCOW

Transmitter location (address or description):

ID-COTTONWOOD BUTTE, 8 KILOMETERS WEST OF COTTONWOOD

Remote control point address:

WA-MURROW COMMUNICATIONS CENTER, WASHINGTON STATE
WA-UNIVERSITY, PULLMANTransmitter: Type accepted. See Sections 73.1660, 73.1665 and 73.1670
of the Commission's Rules.

Transmitter output power (kW): 0.27

Antenna type: (directional or non-directional): Non-directional

Desc: SHIVELY-6812-2, TWO SECTIONS, CIRCULARLY POLARIZED

Antenna coordinates: North Latitude: 46 04 9.0
West Longitude: 116 27 54.0

	Horizontally Polarized Antenna	Vertically Polarized Antenna
Effective radiated power in the horizontal plane (kW) :	0.25	0.25
Height of radiation center above ground (meters) :	13.0	13.0
Height of radiation center above mean sea level (meters) :	1759.0	1759.0
Height of radiation center above average terrain (meters) :	612.0	612.0

Overall height of antenna structure above ground (including obstruction
lighting, if any) : 15.0 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. 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.

WAIVER OF 47 C.F.R SECTION 73.1125 IS GRANTED TO ALLOW
OPERATION OF THIS STATION AS A SATELLITE OPERATION OF
KRFA-FM, MOSCOW, IDAHO