

UNITED STATES OF AMERICA
FEDERAL COMMUNICATIONS COMMISSION
NON-COMMERCIAL EDUCATIONAL

File No. BMLD-831028

Call Sign KPBX-FM

Modification No. --

MODIFICATION OF LICENSE

FM

(Class of station)

FAC ID 61942

SPOKANE PUBLIC RADIO
RADIO STATION KPBX-FM
NORTH 2319 MONROE STREET
SPOKANE, WASHINGTON 99205

Licensee: Spokane Public Radio

Station location: Spokane, Washington

Associated Broadcast Station:

The Authority Contained in Authorization File No. -- dated --
granted to the Licensee listed above is hereby modified in part as follows:

ERP: 56 kw (H&V)

HAAT: 2380 feet (725 meters) (H&V)

TPO: 17.0 kw

TRANSMITTER TYPE ACCEPTED

ANTENNA: CONTINENTAL G5CPS antenna, six sections, circularly polarized, mounted at the
57 foot (17 meters) level (C/R-AGL) on a self-supporting wooden pole.

OVERALL HEIGHT ABOVE GROUND: 82 feet (25 meters) (without obstruction lighting)

This modification of license shall be attached to and be made a part of the license of this station.

Except as herein expressly modified, the above-mentioned license, subject to all modifications heretofore
granted by the Commission, is to continue in full force and effect in accordance with the terms and conditions
thereof and for the period therein specified.

Dated: May 31, 1984
dac

FEDERAL
COMMUNICATIONS
COMMISSION



Approved by GAO
B-180227(R0181)

UNITED STATES OF AMERICA
Federal Communications Commission

Section I

APPLICATION FOR A NEW NONCOMMERCIAL EDUCATIONAL
BROADCAST STATION LICENSE

INSTRUCTIONS

- A. This form is to be used in all cases when applying for a Noncommercial Educational AM, FM or TV Broadcast Station License. This form consists of this part, Section I, and the following sections:
Section II-A, License Application Engineering Data AM Broadcast
Section II-B, License Application Engineering Data FM Broadcast
Section II-C, License Application Engineering Data Television Broadcast

B. PREPARE THREE COPIES of this form and all exhibits. Sign one copy. File with the Federal Communications Commission, Washington, D. C. 20554.

C. Number exhibits serially in the space provided in the body of the form and list each exhibit in the space provided on page 2 of this Section. Date each exhibit and each antenna pattern.

D. The name of the applicant must be stated exactly as it appears on the construction permit which is being covered. The applicant must notify the Commission of any change of address.

E. Information called for by this application which is already on file with the Commission need not be refiled in this application provided (1) the information is now on file in another application or FCC form filed by or on behalf of this applicant; (2) the information is identified fully by reference to the file number (if any), the FCC form number and the filing date of the application or other form containing the information and the page or paragraph referred to, and (3) after making the reference, the applicant states: "No change since date of filing." Any such reference will be considered to incorporate into this application the application or other form referred to in its entirety. The incorporated application or other form will thereafter, in its entirety, be open to the public.

F. This application shall be personally signed by the applicant, if the applicant is an individual; by one of the partners, if the applicant is a partnership; by an officer, if the applicant is a corporation; by a member who is an officer, if the applicant is an unincorporated association; by such duly elected or appointed officials as may be competent to do so under the laws of the applicable jurisdiction, if the applicant is an eligible government entity; or by the applicant's attorney in case of the applicant physical disability or of his absence from the United States. The attorney shall, in the event he signs for the applicant, separately set forth the reason why the application is not signed by the applicant. In addition, if any matter is stated on the basis of the attorney's belief only (rather than his knowledge), he shall separately set forth his reasons for believing that such statements are true.

G. BE SURE ALL NECESSARY INFORMATION IS FURNISHED AND ALL PARAGRAPHS ARE FULLY ANSWERED. IF ANY PORTIONS OF THE APPLICATION ARE NOT APPLICABLE, SPECIFICALLY SO STATE. DEFECTIVE OR INCOMPLETE APPLICATIONS MAY BE RETURNED WITHOUT CONSIDERATION.

H. See back of last page for Privacy Act Notice.

THIS BLOCK FOR COMMISSION USE ONLY

File No.

APPLICANT NAME

Spokane Public Radio

ADDRESS

North 2319 Monroe Street

CITY

Spokane

STATE

WA

ZIP

99205

2. CONSTRUCTION PERMIT COVERED BY THIS APPLICATION

FILE NO.

N/A

DATE

CONSTRUCTION BEGUN

CONSTRUCTION COMPLETED

3. Has applicant any contract, arrangement, or understanding, expressed or implied, with a commercial or noncommercial organization for the broadcasting of network programs?

☒ YES ☐ NO

If "Yes," state as EXHIBIT 1 arrangements under which they are to be obtained and attach copies of any contractual arrangement which may have been made. If the arrangement is based on oral understanding, a written statement of the arrangement should be submitted.

NOTE: The Public Broadcasting Service, National Public Radio and Eastern Educational Network are examples of noncommercial networks.

4. Is a request for authority to conduct program tests a part of this application?

☐ YES ☒ NO

If "No," explain

This application refers only to a change of antenna for an existing station.

FINANCIAL DATA

5. Give actual costs of making installation for which construction was authorized

N/A

Transmitter proper including tubes

Antenna system including tower, coupling equipment, and transmission line

\$

\$

Frequency and modulation monitors

Studio technical equipment, microphone, transcription equipment, cameras, etc.

\$

\$

Acquiring land

Acquiring, constructing or modifying buildings

\$

\$

Other items (state nature)

Total

\$

\$

6. (a) Have there been any substantial changes in the financial data submitted with the application for the construction permit?

N/A

☐ YES ☐ NO

(b) If answer to Question 6a is yes, submit as Exhibit No. a statement outlining such changes.

7. Is applicant's ownership report (FCC Form 323E) on file with the Commission?

☒ YES ☐ NO

If "No," explain

Section II-B

Section II-B		
LICENSE APPLICATION ENGINEERING DATA FM BROADCAST		Name of Applicant Spokane Public Radio
1. Facilities authorized in construction permit N/A *		
Call Sign	File No. of construction	
Frequency	Effective radiated power in kilowatts 56	Antenna height above average terrain 2380'
2. Station location		
State Washington	City or town Spokane	
3. Transmitter location		
State Washington	County Spokane	
City or town (none)	Street Address (or other identification) Mica Peak near Freeman, Washington	
4. Main studio location		
State Washington	County Spokane	
City or town Spokane	Street address N. 2319 Monroe 99205	
5. Are you using remote control? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO If Yes, specify location. <input type="checkbox"/> Transmitter <input checked="" type="checkbox"/> Main studio <input type="checkbox"/> Other If other, give address:		
State Washington	County Spokane	
City or Town Spokane	Street Address (or other identification) N. 2319 Monroe St.	
6. Transmitter installed		
Make McMartin	Type No. BF-25K	
7. Operating constants		
D.C. current in last radio stage in amperes 3.54 amps	Applied D.C. voltage of last radio stage, in volts 6800 volts	
Input power to last radio stage, in kilowatts 24.072 kw	Efficiency factor F of transmitter at operating power, in percent F= 71.49%	
Transmitter power output in kw by indirect method 17.209 kw	RF transmission line meter reading 17,200-w	
8. Antenna (New antenna)		
Antenna make and type No. Continental G5CPS	Number of sections 6	Power gain 3.3
Height of antenna radiation center above ground 57 feet		
Geographical coordinates of antenna (to nearest second) North latitude 47° 34' 14" West Longitude 117° 05' 00"		
Description of antenna supporting structure 82 foot self-supporting wooden pole		
Overall height above ground of antenna supporting structure (without obstruction lighting) 82 Feet		
9. Transmission line		
Make Cablewave	Type No. HCC-300-50-J	Description Air dielectric
Size: (nominal inside transverse dimension) in inches 3"	Length in feet 50 feet	Radiated efficiency in percent for this length 98.583%
10. Modulation monitor N/A		
11. Frequency measurements		
Give the following data on the checks of the frequency		
Date and Time	Frequency measured by such agency or method	
1.		
2.		
3.		
Name of checking agency or method used		
12. In what respect, if any, does the apparatus constructed differ from that described in the application for construction permit or in the permit? This application refers to a change of antenna, as follows: <u>Previous Antenna:</u> Cetec-Jampro FM HCP-5 five sections <u>New Antenna:</u> Continental Electronics G5CPS Series six section antenna.		
I certify that I represent the applicant in the capacity indicated below and that I have examined the foregoing statement of technical information and that it is true to the best of my knowledge and belief.		
Signature <u><i>Lee M. Ray</i></u> (check appropriate box below)		
<input type="checkbox"/> Technical Director <input type="checkbox"/> Consultant <input type="checkbox"/> Registered Professional Engineer <input checked="" type="checkbox"/> Chief Operator		
Date <u>10-26-83</u>		
Telephone No. <u>(509) 328-5729</u> (include Area Code)		

*This is an application for license modification filed pursuant to Section 73.1690(c) of the Commission's Rules.