



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

Authorizing Official:

Official Mailing Address:

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THE PENNSYLVANIA STATE UNIVERSITY  
120 OUTREACH BUILDING  
UNIVERSITY PARK PA 16802  
\_\_\_\_\_

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Dale E. Bickel  
Senior Engineer  
Audio Division  
Media Bureau  
\_\_\_\_\_

Facility Id: 66240

Call Sign: WPSX

License File Number: BLED-19950313KB

This license covers Permit No.: BPED-930113MH

\_\_\_\_\_  
Grant Date: July 11, 1995  
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This license expires 3:00 a.m.  
local time, August 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.

Name of Licensee: THE PENNSYLVANIA STATE UNIVERSITY

Station Location: PA-KANE

Frequency (MHz): 90.1

Channel: 211

Class: B

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: Directional

Description: ODD ODD930113MH

Antenna Coordinates: North Latitude: 41 deg 37 min 04 sec  
West Longitude: 78 deg 48 min 14 sec

	Horizontally Polarized Antenna	Vertically Polarized Antenna
Effective radiated power in the Horizontal Plane (kW):	17.0	17.0
Height of radiation center above ground (Meters):	159	159
Height of radiation center above mean sea level (Meters):	794	794
Height of radiation center above average terrain (Meters):	232	232

Antenna structure registration number: Not Required

Overall height of antenna structure above ground: 183 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 electromagnetic fields in excess of FCC guidelines.

Special operating conditions or restrictions:

2 THE RELATIVE FIELD STRENGTH OF NEITHER THE MEASURED  
HORIZONTALLY NOR VERTICALLY POLARIZED RADIATION COMPONENT  
SHALL EXCEED AT ANY AZIMUTH THE VALUE INDICATED ON THE  
COMPOSITE RADIATION PATTERN AUTHORIZED BY CONSTRUCTION  
PERMIT BPED-930113MH.

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A RELATIVE FIELD STRENGTH OF 1.0 ON THE COMPOSITE PATTERN  
AUTHORIZED BY BPED-930113MH CORRESPONDS TO THE FOLLOWING EFFECTIVE  
RADIATED POWER:  
17.0 KILOWATTS.

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THE PRINCIPAL MINIMA AND THEIR ASSOCIATED FIELD STRENGTH LIMITS:  
. 3.6 KILOWATTS AT 190 DEGREES TRUE  
6.1 KILOWATTS AT 340 DEGREES TRUE.

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PURSUANT TO WAIVER OF 47 CFR SECTION 73.1125 GRANTED IN PERMIT  
BPED-930113MH, WPSB IS AUTHORIZED TO OPERATE AS A  
SATELLITE OF STATION WPSU-FM, STATE COLLEGE, PENNSYLVANIA.

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