



United States of America
FEDERAL COMMUNICATIONS COMMISSION
DIGITAL TELEVISION REPLACEMENT TRANSLATOR
BROADCAST STATION CONSTRUCTION PERMIT

Authorizing Official:

Official Mailing Address:

WASHINGTON STATE UNIVERSITY
EDUCATIONAL TELECOMMUNICATIONS AND TECHN
P. O BOX 642530
PULLMAN WA 99164

Hossein Hashemzadeh
Associate Chief
Video Division
Media Bureau

Facility Id: 71024

Grant Date: July 22, 2009

This permit expires 3:00 a.m.
local time, 36 months after the
grant date specified above.

Analog TSID: 3116

Digital TSID: 3117

Call Sign: KWSU-TV

Permit File Number: BDRTEDT-20090512ACH

Subject to the provisions of the Communications Act of 1934, as amended, subsequent acts and treaties, and all regulations heretofore or hereafter made by this Commission, and further subject to the conditions set forth in this permit, the permittee is hereby authorized to construct the radio transmitting apparatus herein described. Installation and adjustment of equipment not specifically set forth herein shall be in accordance with representations contained in the permittee's application for construction permit except for such modifications as are presently permitted, without application, by the Commission's Rules.

Commission rules which became effective on February 16, 1999, have a bearing on this construction permit. See Report & Order, Streamlining of Mass Media Applications, MM Docket No. 98-43, 13 FCC RCD 23056, Para. 77-90 (November 25, 1998); 63 Fed. Reg. 70039 (December 18, 1998). Pursuant to these rules, this construction permit will be subject to automatic forfeiture unless construction is complete and an application for license to cover is filed prior to expiration. See Section 73.3598.

Equipment and program tests shall be conducted only pursuant to Sections 73.1610 and 73.1620 of the Commission's Rules.

Name of Permittee: WASHINGTON STATE UNIVERSITY

Station Location: WA-SPOKANE

Frequency (MHz): 488 - 494

Channel: 17

Hours of Operation: Unlimited

Callsign: KWSU-TV

Permit No.: BDRTEDT-20090512ACH

Transmitter: Type Accepted. See Sections 74.750 of the Commission's Rules.

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

Description: SCA CL-1469

Major lobe directions 223
(degrees true):

Beam Tilt: Not Applicable

Antenna Coordinates: North Latitude: 47 deg 34 min 34 sec

West Longitude: 117 deg 17 min 58 sec

Maximum Effective Radiated Power (ERP): 1.2 kW

Transmitter Output Power: 0.244 kW

Height of radiation center above ground: 100 Meters

Height of radiation center above mean sea level: 1206 Meters

Antenna structure registration number: 1042236

Overall height of antenna structure above ground (including obstruction
lighting if any) see the registration for this antenna structure.

Out-of-Channel Emission mask: Simple

*** END OF AUTHORIZATION ***