

## United States of America FEDERAL COMMUNICATIONS COMMISSION TELEVISION BROADCAST STATION CONSTRUCTION PERMIT

Authorizing Official:

Official Mailing Address:

UNIVERSITY OF UTAH ECCLES BROADCAST CENTER 101 S. WASATCH DR. RM.147 SALT LAKE CITY UT 84112

Facility Id: 82576 Analog TSID: 8602 Digital TSID: 8603 Call Sign: KUES Permit File Number: BPEDT-20020827ABW Clay C. Pendarvis Associate Chief Video Division Media Bureau

Grant Date: January 21, 2003 This permit expires 3:00 a.m. local time, January 21, 2006.

This authorization re-issued January 29, 2003 to correct expiration date.

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.

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

Name of Permittee: UNIVERSITY OF UTAH

Station Location: UT-RICHFIELD

Frequency (MHz): 500 - 506

Channel: 19

Hours of Operation: Unlimited

Callsign: KUES Permit No.: BPEDT-20020827ABW Transmitter: Type Accepted. See Sections 73.1660, 73.1665 and 73.1670 of the Commission's Rules. Antenna type: (directional or non-directional): Directional Description: SCA, SL-8 Beam Tilt: 1.75 Degrees Electrical 10 20 340 350 Major lobe directions 0 (degrees true): Antenna Coordinates: North Latitude: 38 deg 38 min 04 sec 112 deg 03 min West Longitude: 33 sec Transmitter output power: As required to achieve authorized ERP. Maximum effective radiated power (Average): 0.33 kW -4.8 DBK Height of radiation center above ground: 17 Meters Height of radiation center above mean sea level: 2687 Meters Height of radiation center above average terrain: 441 Meters Antenna structure registration number: None Overall height of antenna structure above ground: 17.37 meters.

Special operating conditions or restrictions:

The grant of this construction permit is subject to the condition 1 that, with ample time before commencing operation, you make a good faith effort to identify and notify health care facilities (e.g., hospitals, nursing homes, see 47 CFR 15.242(a)(1)) within your service area potentially affected by your DTV operations. Contact with state and/or local hospital associations and local governmental health care licensing authorities may prove helpful in this process. During this pre-broadcast period, you must provide all notified entities with relevant technical details of your operation, such as DTV channel, targeted on-air date, effective radiated power, antenna location, and antenna height. You are required to place in the station's public inspection file documentation of the notifications and contacts made and you may not commence operations until good faith efforts have been made to notify affected health care facilities. During this pre-broadcast period and for up to twenty (20) days after commencing operations, should you become aware of any instances of medical devices malfunctioning or that such devices are likely to malfunction due to your DTV operations, you must cooperate with the health care facility so that it is afforded a reasonable opportunity to resolve the interference problem. At such time as all provisions of this condition have been fulfilled, and either upon the expiration of twenty (20) days following commencement of operations or when all known interference problems have been resolved, whichever is later, this condition lapses.

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