Federal Communications Commission Washington, D.C. 20554	Approved by OMB 3060-0386 (July 2002)	FOR FCC USE ONLY
Extension of Existing Engineering STA Read Instructions/FAQ before filling out form		FOR COMMISSION USE ONLY FILE NO. -

Section I - General Information

1.	Legal Name of the Applicant UNIVERSITY OF UTAH		
	Mailing Address 101 S. WASATCH DRIVE ROOM 240		
	City SALT LAKE CITY	State or Country (if foreign address) UT	Zip Code 84112 - 1791
	Telephone Number (include area code) 8015815010		E-Mail Address (if available) LDOWNEY@KUER.ORG
	FCC Registration No 0005042304	Call Sign KUEU	Facility ID Number 89301
2.	Contact Representative (if other than licensee/permittee) MATTHEW S. DELNERO, ESQ.		Firm or Company Name COVINGTON & BURLING LLP
	Mailing Address ONE CITYCENTER 850 TENTH STREET, N.W.		
	City WASHINGTON	State or Country (if foreign address) DC	ZIP Code 20001 -
	Telephone Number (include area code) 2026625543		E-Mail Address (if available) MDELNERO@COV.COM
3.	Purpose: ○ Engineering STA		
	◉ Extension of Existing Engineering STA File Number: BSTA - 20210330AAF		
	○ Legal STA		
	○ Extension of Existing Legal STA		
4.	Service: FM		
5.	Community of License: City: LOGAN State: UT		
6.	If this application has been submitted without a fee, indicate reason for fee exemption (see 47 C.F.R. Section 1.1114): ○ Governmental Entity ◉ Noncommercial Educational Licensee/Permittee ○ Other ○ N/A (Fee Required)		
7.	**Environmental Protection Act.** The proposed facility is excluded from environmental processing under 47. C.F.R. Section 1.1306 (i.e., The facility will not have a significant environmental impact and complies with the maximum permissible radiofrequency electromagnetic exposure limits for controlled and uncontrolled environments). Unless the applicant can determine compliance through the use of the RF worksheets in Appendix A, an **Exhibit is required.** By checking "Yes" above, the applicant also certifies that it, in coordination with other users of the site, will reduce power or cease operation as necessary to protect persons having access to the site, tower or antenna from radiofrequency electromagnetic exposure in excess of FCC guidelines.		◉ Yes ○ No See Explanation in [Exhibit 23]

8.	Please explain in detail the "extraordinary circumstances" which warrant temporary operations at variance from the Commission's Rules. In addition, please specify 1)the specific rules and/or policies from which the applicant seeks temporary relief; 2) how the public interest will be furthered by grant; and 3) the expected duration of the STA and the licensee's plan for restoration of licensed operation. If requesting variance with other than authorized technical facilities, please specify the exact facilities sought.	[Exhibit 24]
9.	Anti-Drug Abuse Act Certification. Applicant certifies that neither applicant nor any party to the application is subject to denial of federal benefits pursuant to Section 5301 of the Anti-Drug Abuse Act of 1988, 21 U.S.C. Section 862.	(●) Yes ( ) No

I hereby certify that the statements in this application are true, complete, and correct to the best of my knowledge and belief, and are made in good faith. I acknowledge that all certifications and attached Exhibits are considered material representations.

Typed or Printed Name of Person Signing MARIA O'MARA	Typed or Printed Title of Person Signing EXECUTIVE DIRECTOR PBS UTAH & KUER
Signature	Date (mm/dd/yyyy) 03/16/2022

WILLFUL FALSE STATEMENTS ON THIS FORM ARE PUNISHABLE BY FINE AND/OR IMPRISONMENT (U.S. CODE, TITLE 18, SECTION 1001), AND/OR REVOCATION OF ANY STATION LICENSE OR CONSTRUCTION PERMIT (U.S. CODE, TITLE 47, SECTION 312(a)(1)), AND/OR FORFEITURE (U.S. CODE, TITLE 47, SECTION 503).

Exhibits

Exhibit 23
Description: RADIOFREQUENCY FIELDS

AN ENGINEERING ANALYSIS WAS PERFORMED TO DETERMINE WHETHER THE FACILITIES PROPOSED HEREIN COMPLY WITH THE MAXIMUM PERMISSIBLE EXPOSURE STANDARDS OUTLINED IN 47CFR1.1310 AS REGARDS HUMAN EXPOSURE TO RADIOFREQUENCY ELECTROMAGNETIC FIELDS AND WHETHER ENVIRONMENTAL PROCESSING WOULD BE REQUIRED.

THE APPLICANT PROPOSES TO OPERATE AT 0.193 KILOWATTS, VERTICALLY POLARIZED, USING A SCALA FMV-1 ANTENNA MOUNTED AT THE 12 METER LEVEL OF A TEMPORARY 13 METER STRUCTURE. THIS ANTENNA CONSISTS OF A SINGLE, VERTICALLY POLARIZED RADIATING ELEMENT.

THE ANTENNA SUPPORT STRUCTURE IS LOCATED NEAR THE APEX OF A LOCAL PROMONTORY. THERE ARE NO OTHER SIGNIFICANT EMITTERS OF RADIOFREQUENCY ENERGY IN THE IMMEDIATE VICINITY. THE BASE OF THE TOWER IS ACCESSIBLE TO THE GENERAL PUBLIC.

THE COMMISSIONS FMMODEL COMPUTER SOFTWARE WAS USED TO CALCULATE THE RADIOFREQUENCY ELECTROMAGNETIC POWER DENSITY IN A PLANE 2 METERS AGL AS A FUNCTION OF THE DISTANCE FROM THE ANTENNA SUPPORT STRUCTURE. IN AN ABUNDANCE OF CAUTION, THE ELEVATION PATTERN FOR A RING-STUB TYPE ANTENNA WAS SELECTED. A COPY OF THE GRAPHICAL OUTPUT OF THIS PROGRAM IS ATTACHED.

THE HIGHEST POWER DENSITY OCCURS AT A POINT 2.2 METERS FROM THE BASE OF THE TOWER AND IS EQUAL TO 61.5 UW/CM^2. THIS REPRESENTS 30.8% OF THE GENERAL PUBLIC/UNCONTROLLED MPE STANDARD.

APPROPRIATE SIGNS WILL BE INSTALLED AT THE BASE OF THE TOWER WARNING WORKERS AND OTHERS THAT THE MAXIMUM PERMISSIBLE EXPOSURE STANDARD MAY BE EXCEEDED AT LOCATIONS ON THE TOWER.

THE APPLICANT BELIEVES THAT THE FACILITIES PROPOSED HEREIN CONFORM TO THE MPE STANDARDS OUTLINED IN 47CFR1.1310 AND THAT ENVIRONMENTAL PROCESSING IS NOT WARRANTED.

Attachment 23

Description
Radiofrequency Power Density vs Distance

Exhibit 24
Description: EXHIBIT 24 NARRATIVE

The University of Utah, licensee of KUEU(FM) (the "Station"), Logan, UT, respectfully submits this request for an extension of its current Special Temporary Authority (STA) so that it may continue to operate at an immediately adjacent alternate site pending repairs to its licensed facilities, which experienced a tower collapse involving the Station's main transmitter.

As noted in the Station's original request for an STA, the Station experienced a tower collapse at its main transmitter site. This incident required the Station to seek an STA to operate at a temporary location, and the Audio Division granted this request on March 31, 2021. The Division later granted an extension of the STA, which is now set to expire March 28, 2022. Relatedly, on January 20, 2022, the Division granted a modification application that enables the Station to resume its main transmitter operations at the original site under revised technical parameters. However, although the Station has made significant incremental progress toward the installation of a new tower at the original site, lingering winter conditions and seasonal snow pack have prevented the Station from completing this transition. Because of the weather-related delays, the Station will not be able to complete the installation of its new main transmitter antenna prior to the March 28, 2022 expiration of the current STA.

Accordingly, while the Station continues to work diligently to complete construction of the new tower facilities, it respectfully requests an extension of the STA allowing it to operate on the standby antenna. The Station requests an extension of the current STA for an additional period of six months, or until the Station completes the tower installation and files the required license to cover application.

Attachment 24
