

**United States of America
FEDERAL COMMUNICATIONS COMMISSION
EXPERIMENTAL
RADIO STATION CONSTRUCTION PERMIT
AND LICENSE**

EXPERIMENTAL

(Nature of Service)

WL2XKU

(Call Sign)

XT FX MO

(Class of Station)

1045-EX-CN-2020

(File Number)

NAME Virginia Electric & Power Company

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 and requirements set forth in this license, the licensee hereof is hereby authorized to use and operate the radio transmitting facilities hereinafter described for radio communications in accordance with the program of experimentation described by the licensee in its application for license.

Operation: In accordance with Sec. 5.3(h) of the Commission's Rules

Station Locations

- (1) Lexington (ROCKBRIDGE), VA - NL 37-48-30; WL 79-25-19; MOBILE: Lexington, VA, within 20 km, centered around NL 37-48-30; WL 79-25-19
- (2) Rockridge Baths (ROCKBRIDGE), VA - NL 37-52-03; WL 79-25-13; MOBILE: Rockridge Baths, VA, within 20 km, centered around NL 37-52-03; WL 79-25-13

Frequency Information

Lexington (ROCKBRIDGE), VA - NL 37-48-30; WL 79-25-19; MOBILE: Lexington, VA, within 20 km, centered around NL 37-4

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
937.6-939 MHz	FX	1M40M7W	775 W (ERP)	0.001 %

Rockridge Baths (ROCKBRIDGE), VA - NL 37-52-03; WL 79-25-13; MOBILE: Rockridge Baths, VA, within 20 km, centered ar

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This authorization effective December 31, 2020 and
will expire 3:00 A.M. EST January 01, 2023

**FEDERAL
COMMUNICATIONS
COMMISSION**



Special Conditions:

- (1) Licensee should be aware that other stations may be licensed on these frequencies and if any interference occurs, the licensee of this authorization will be subject to immediate shut down.
- (2) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (3) Prior to commencing any operations in the frequencies below, the applicant must obtain consent from the following within 50 miles of the contours of the testing area:
 - SMR licensees (896-901 MHz/935-940 MHz)
 - B/ILT licensees (896-901 MHz/935-940 MHz)
- (4) The National Radio Astronomy Observatory (NRAO), Green Bank, WV, objects in the Rockbridge Office, VA unless the Applicant's license is restricted to an Effective Radiated Power (ERP) of 3165 Watts per 1.4 MHz unit bandwidth at Azimuth 332.3 degrees True North.
- (5) The applicant must met all NRAO requirements and restrictions prior to operation.