

First Responder Network Authority
c/o National Telecommunications and Information Administration
United States Department of Commerce
1401 Constitution Avenue, N.W., Suite 4898
Washington, D.C. 20230

May 20, 2013

Marlene H. Dortch
Secretary
Federal Communications Commission
445 12th Street, SW
Room TWA325
Washington, DC 20554

Re: Application of the City of Oak Ridge for Temporary Spectrum Use, FCC File No. 0853-EX-ST-2012

Dear Ms. Dortch:

The First Responder Network Authority ("FirstNet") consents to the application of the City of Oak Ridge, Tennessee ("Oak Ridge") for experimental special temporary authority ("Experimental STA") for proposed temporary operation in FirstNet's 700 MHz band spectrum to demonstrate Long Term Evolution ("LTE") equipment.

Oak Ridge accommodates a substantial nuclear weapons stockpile. Oak Ridge states that, as a result, City, State and Federal officials all cooperate to ensure the security of the area. Oak Ridge requests this authority to demonstrate advanced broadband technology use among these various jurisdictions for 180 days from the date that the Experimental STA is granted. Oak Ridge adds that during the testing period, it also intends to pursue lease negotiations with FirstNet to become an "early deployer" of 700 MHz public safety broadband spectrum.

FirstNet understands that the temporary operation planned would conform to the following parameters:

1) Operation will be confined to three sites in Oak Ridge. The equipment will include three temporary base stations and associated antennae, and a total number of no more than 100 portable units all operating at no more than 2 miles from the base sites.

2) Oak Ridge will request authority from the FCC to operate over the 758-768/788-798 MHz bands, which are currently licensed on a nationwide basis to FirstNet.

3) FirstNet understands that Oak Ridge has analyzed information from the FCC's license databases and has determined that the proposed operation would not interfere or create a significant potential for interference with any public safety operations in the 700 MHz band.

4) Oak Ridge has stated that this temporary operation will not be used in mission-critical operations or in the delivery of live transmissions in duties to protect life, property, or safety.

The equipment to be used will include base stations and associated antennae located at the demonstration sites and no more than 100 portable units in testing scenarios only.

5) Oak Ridge has stated that the Experimental STA will allow testing of advanced broadband technology. This testing will help further situational awareness, enhance security, and demonstrate surveillance, sensing and other mobile and fixed applications in an area with significant nuclear facilities. In addition, the proposed program would further Federal, State and local partnerships and demonstrate interoperability models for potential public safety broadband network use. Oak Ridge states that such testing, if followed by a lease of FirstNet spectrum, would provide lessons learned about government cooperation and broadband applications that could be invaluable to FirstNet.

6) Operation will occur no longer than 180 days from the date on which the FCC grants Oak Ridge an Experimental STA, allowing time during that period for setup and testing, demonstrations, and teardown, unless Oak Ridge and FirstNet successfully conclude negotiations for a lease of FirstNet's licensed spectrum, and the FirstNet Board approves the lease agreement.

7) This Experimental STA is non-renewable and any Experimental STA use of radio frequencies licensed to FirstNet beyond the 180-day period to which this application refers must be made by a separate request for such use by Oak Ridge.

FirstNet concurs with the proposed operation by Oak Ridge on certain frequencies currently licensed to FirstNet for purposes of demonstrating LTE equipment in Oak Ridge, Tennessee, subject to the conditions above. This consent is conditioned on FirstNet's ongoing ability to monitor any operations and use of FirstNet's licensed spectrum.

Respectfully submitted,



Susan G. Swenson
Board Member
First Responder Network Authority

cc: Genaro Fullano, Associate Chief
Public Safety and Homeland Security Bureau
Alan Massengill, Deputy Chief of Police
City of Oak Ridge
Heather Ashley
Oak Ridge Police Department