

KFXB, Dubuque, IA (Fac. Id. 17625)
Request for Special Temporary Authority

Justification

To avoid going off the air for the possible 12-18 day period while the old Channel 43 antenna is removed, the new Channel 14 antenna is installed, and the new Channel 14 transmitter begins operations, it is necessary to install an interim Channel 43 low power antenna. This temporary interim antenna will be installed at 575 ft AGL on the tower and would be fed with 1-5/8" flex line. Due to the limitations of power and the low gain of this temporary antenna, as well as safety concerns for the tower crew, KFXB would like to commence reduced power operations at 4.5 kW ERP, with a pattern rotation to achieve the maximum field at 240 degrees. This low power operation will allow most cable companies to continue KFXB carriage, and is requested from the time when the interim antenna is installed, until the Channel 14 transition date.