

Introduction and Description of Proposal

This engineering exhibit was prepared in support of a minor change application being filed by Covenant Network for authority to change the directional antenna at W224DC (FCC Facility ID 156900), Caseyville, Illinois. It is proposed to remain on the currently licensed tower at the same height and ERP using a composite directional antenna consisting of three Kathrein-Scala CA2-FM/CP yagis, one at 75°, one at 175° and one at 335° true.

Fill-in Translator Eligibility

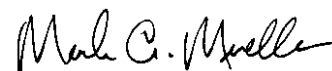
The primary station, WRYT, Edwardsville, Illinois (FCC Facility ID 27556) is a class-D AM station which is currently associated with the subject translator. The proposed 60 dBu contour is contained completely within a 25 mile radius of the WRYT transmitter site.

Environmental Statement

The proposed facility requires no construction other than mounting the associated antenna and transmission line on an existing tower. The worst-case power density at 3 meters above ground is 0.0004 mW/cm^2 , far below the uncontrolled space limit of 0.2 mW/cm^2 . The station will cease operation when personnel must be near the antenna for longer than allowed. The station will cease operation when personnel must be near the antenna for longer than allowed. The tower is secured behind a fence with a locked gate and warning signs are posted.

This engineering exhibit was prepared by me and is true and correct to the best of my knowledge and belief.

May 31, 2018



Mark A. Mueller