

Reason for STA Application for DK43DL TV Translator

Zuni, New Mexico

KNME-TV is requesting this Digital station STA to broadcast to the Zuni Pueblo in New Mexico.

It is critical that PBS digital television be provided to the Zuni Pueblo Community that is extremely underserved. There is only two commercial broadcast analog translator stations on the air serving the community.

This Digital TV Translator will provide PBS educational programming on 5.1, Kids programming on 5.2 and FNX Native American programming on 5.3 to the nearly 8,000 citizens of the Zuni Pueblo.

There is a pending TV Translator application BNPDTL-20141010ADS that is waiting to be granted on the next proposed grant list.

The proposed facility will consist of a type certified 30 watt DTV Translator with a simple emission mask, a length of roughly 110 feet of heliax transmission line, a Scala PRTV-43 antenna pointed at 240 degrees to create an effective radiated power (ERP) of 1.05 KW.

The attached coverage map indicates the region where the population is to be covered. The attached RF exposure analysis indicates that the proposed facility would not create an RF exposure hazard according to the OET-65 document. The attached interference analysis indicates no interference will be created from the proposed facility.

KNME-TV is working on this project via funding from an USDA RUS grant and is working with the Zuni Pueblo to provide a new facility, new power line, and future emergency communications for 911 service.

Thank you for your consideration.