

According to the radio frequency protection guidelines contained in the NSI C95.1-1982 standard, the maximum allowable RF radiation at this frequency is 1.0 mW/cm^2 at 2 meters above the ground. The predicted level of RF radiation from the propose facility will be $56 \text{ } \mu\text{w/cm}^2$ as indicated above. Therefore, the level is well within the appropriate guidelines for uncontrolled/general population exposure.

Further, the site on which the system is proposed to be located is a "CLOSED COMMUNICATIONS SITE" as designated by the U S Forest Service. It is located behind a locked gate which is secured by a U S Forest Service padlock for which keys have to be obtained and signed for from the local Ranger Station at Cloudcroft, NM. It is a violation of federal law for anyone to enter this site without authorization.

The proposed facility is located approximately 3 km down a primitive access road which can be seen on the attached Exhibit – 2c, showing the location of the Long Ridge site. This road is best traveled by 4 wheel drive vehicles even in good weather.

Even though Long Ridge is situated in plane sight above Alamogordo, NM, it is a 4 hour round trip to the site. Even before you get to the Long Ridge access road, the forest roads are difficult for most vehicles to traverse.

As a further example of the sites remoteness, the map indicates that a Heliport is on site. This is because in winter weather, a "chopper" is the only reasonable access.

The site is not fenced. However, it is not easily accessible on foot. There are no developed hiking trails in this area and there is no evidence that there have been campfires along the ridge. Thus it is reasonable to assume that no campers frequent this undeveloped area. There are many alternative camping areas in the Lincoln National Forest which are either developed or designated as primitive sites.

With no indication that there is uncontrolled/general population access to the site, and with the above data on RF radiation emitted by the antenna chosen, it is a reasonable conclusion that no RF hazard exists.

As a result the applicant requests that special operating condition or restriction #1 be deleted from the modified CP if granted and Automatic Program Test Authority be permitted.