

EXHIBIT B

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ENVIRONMENTAL IMPACT STATEMENT Transmit/Receive

In regard to Section 1.1307(a) of the Commission's rules:

This site is not in a designated wilderness area or wildlife preserve; it does not threaten endangered species or critical habitats; nor does it affect sites, structures, or habitats which are significant in American history, architecture, archeology, engineering or culture that are listed or are eligible for listing in the National Registry of Historic Places; it does not affect Indian religious sites or flood plains; nor does it cause significant change in wetland fill, deforestation, or water diversion.

In regard to section 1.1307(b) of the Commission's rules:

We have prepared the calculations of radio frequency radiation for this transmitter and antenna combination, under the operating conditions specified in this application, with these results:

Region	Radiation level (mw/cm ²)	Hazard assessment
Near field	0.118	Complies with guidelines
Far field	0.050	Complies with guidelines
Transition zone	0.118	Complies with guidance
At reflector surface	0.088	Complies with guidance
Between the rim of the antenna and the ground	0.044	Complies with guidance

Conclusions: Based on the study, which is summarized above, we conclude that in the regions of concern, the radiation level complies with the guidance; the level is less than 5 milliwatts per square centimeter.

Accordingly, this action does not have a significant environmental impact as described in the Commission's rules and does not require the preparation of an environmental assessment.

Michael Kirk
(name)

Satellite Engineer
(title or position)

02/16/05
(date)