

EXHIBIT 16
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NONIONIZING RADIATION COMPLIANCE

New Rushmore Radio, Inc.
Rapid City, SD

The proposed facilities will fully comply with the current FCC Standard with regard to human exposure to nonionizing radiation. The proposed facilities will employ a Shively 6812-2 two bay circularly polarized antenna that will be mounted at the 100 meter level on an existing 153.5 meter tower and will operate with an effective radiated power of 180 watts. The power density levels at two meters above ground level for the proposed facilities were calculated using Equation (9), found on Page 22 of FCC OET Bulletin 65. Based on a total effective radiated power of 360 watts and assuming, as a worst case, 100% downward radiation, it was determined that the maximum predicted power density at two meters above ground level is $1.25 \mu\text{W}/\text{cm}^2$. Since the permitted power density for uncontrolled exposure in the FM band is $200 \mu\text{W}/\text{cm}^2$, this amounts to only 0.63% of the permitted level for uncontrolled exposure. Since this value is less than 5% of the permitted level, the proposed facilities are excluded from environmental processing under this standard and need not be considered in conjunction with any other co-located or nearby facilities in evaluating compliance with this FCC Standard.

The applicant will also take appropriate steps to insure that workers that must climb the tower that will support the proposed antenna will not be exposed to levels of nonionizing radiation that are in excess of the permitted level for controlled exposure. These steps will include the cessation of operation or a reduction in power, as appropriate, when work becomes necessary on this tower in the areas where the total power density levels are in excess of the permitted level for controlled exposure.