

EXHIBIT 29
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NONIONIZING RADIATION COMPLIANCE
Journal Broadcast Corporation
Caldwell, ID

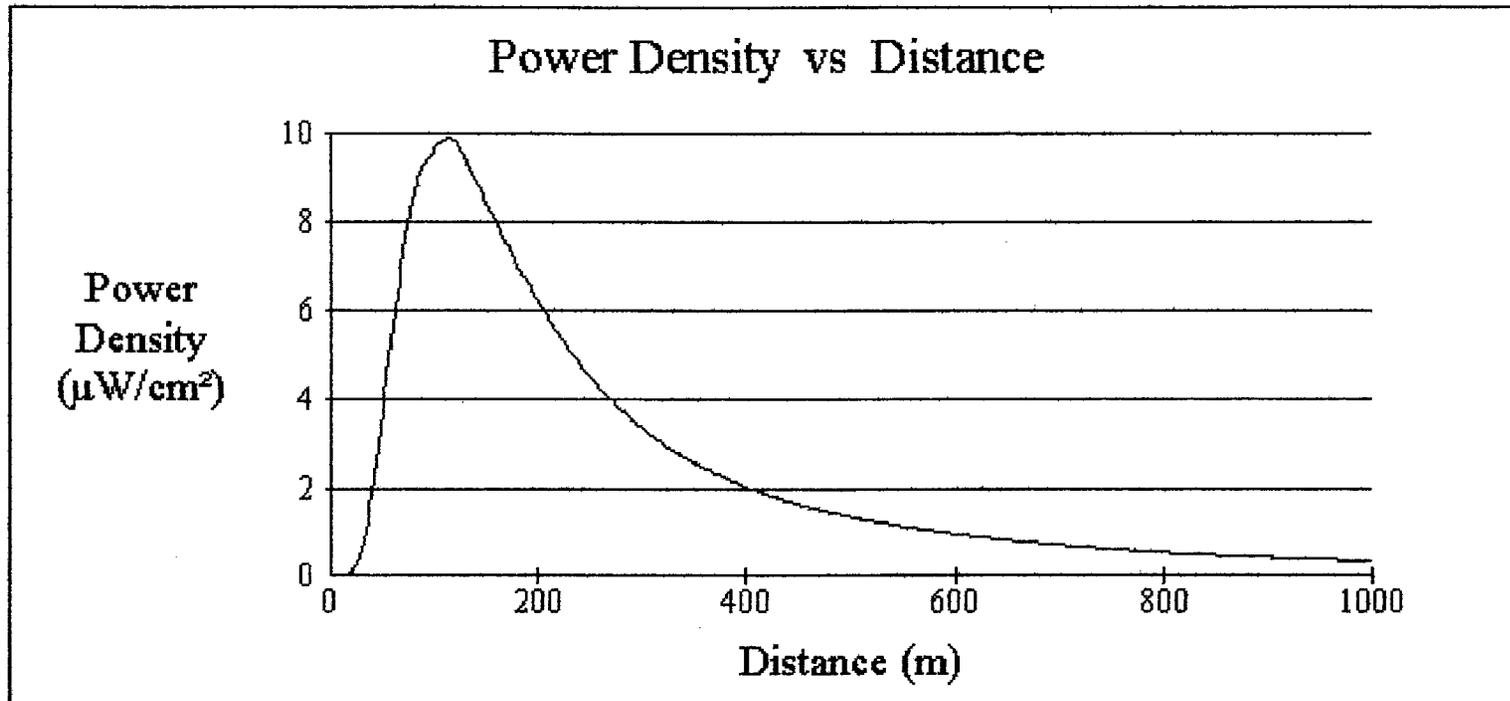
The proposed KCID-FM auxiliary facilities will fully comply with the current FCC Standard with regard to human exposure to nonionizing radiation. The tower on which the proposed auxiliary antenna will be mounted also supports the main antenna for KCID-FM, as well as the antennas for numerous other FM and TV broadcast stations. This proposed auxiliary facility will employ a Jampro JBCP-2 RFR two bay, half-wave spaced, circularly polarized “rototiller” style antenna which will be mounted with its center of radiation at a height of 57.9 meters above ground level and will operate with an effective radiated power of 5.2 kilowatts.

The power density levels at two meters above ground level for the proposed KCID-FM auxiliary facilities were calculated using the FCC’s “FM Model” computer program. The results of these calculations are shown in Figure 29.0. As shown in this figure, the maximum power density generated by this auxiliary facility at two meters above ground level will be $9.89 \mu\text{W}/\text{cm}^2$, which will occur at a distance of 114 meters from the base of this tower. Since the permitted power density for uncontrolled exposure to nonionizing radiation in the FM band is $200 \mu\text{W}/\text{cm}^2$, this amounts to only 4.95% of the permitted level. Since this value is less than 5% of the permitted level, the proposed KCID-FM auxiliary facilities are excluded from environmental processing under this FCC Standard and need not be considered in conjunction with the other facilities on this tower to evaluate compliance with regard to uncontrolled exposure to nonionizing radiation.

KCID-FM, when operating with these auxiliary facilities and in conjunction with the other co-located facilities that share this tower, will also take the necessary steps to

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insure that workers that must be on this tower 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, by one or more of these stations when work becomes necessary in areas on this tower where the total power density levels will be in excess of the permitted level for controlled exposure.



Office of Engineering and Technology

Distance (m):	1000	Antenna Type:	ERI or JAMPRO JBCP "Rototiller" (EPA)
Horizontal ERP (W):	5200	Number of Elements:	2
Vertical ERP (W):	5200	Element Spacing:	5
Antenna Height (m):	57.9		

FIG. 29.0

**KCID-FM AUXILIARY
POWER DENSITY CALCULATIONS**

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