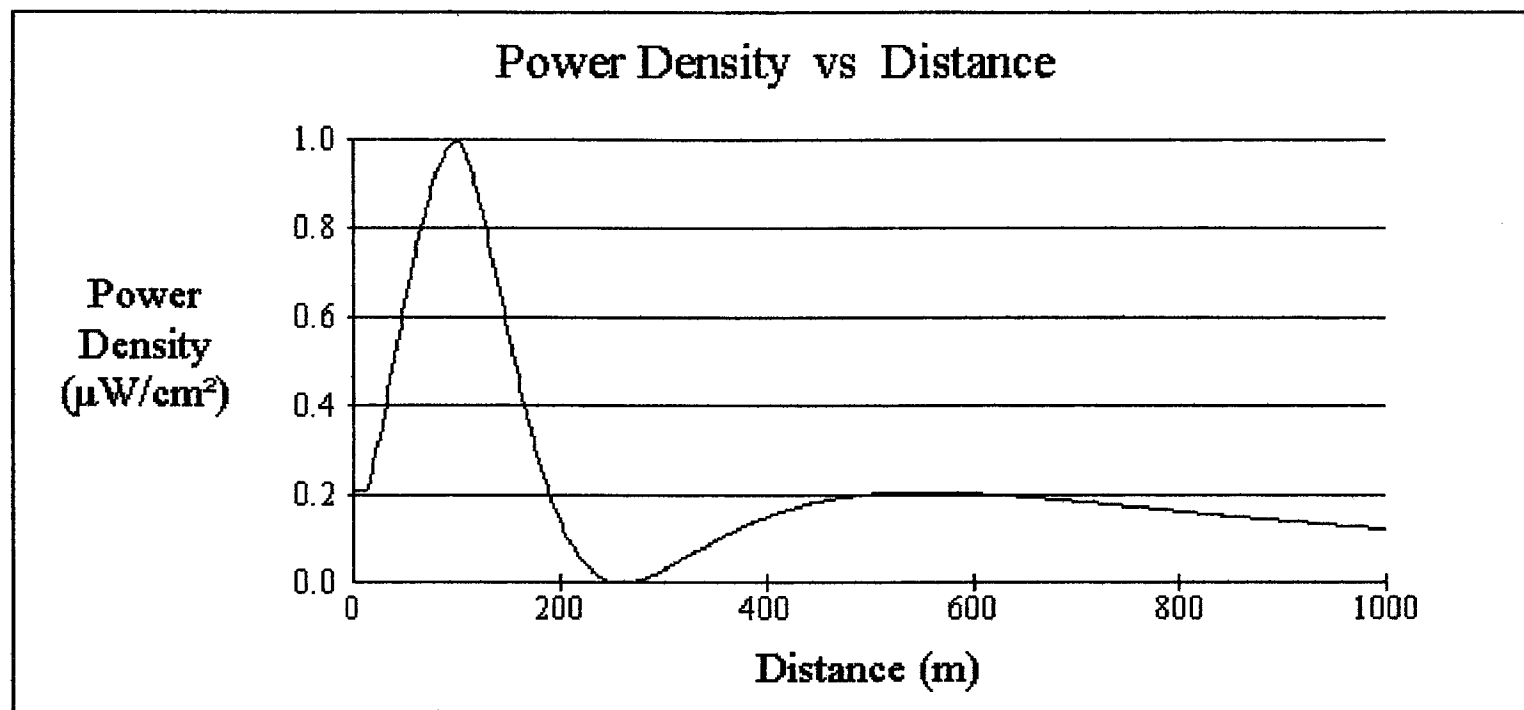


EXHIBIT 29  
(Page 1 of 2)

NONIONIZING RADIATION COMPLIANCE  
Pathfinder Communications Corp.  
Fort Wayne, IN

The proposed WFWI facilities will fully comply with the current FCC Standard with regard to human exposure to nonionizing radiation. The proposed WFWI antenna will be an ERI FMXCP-2, two bay circularly polarized antenna which will be mounted at the 152.4 meter level on an existing 219.5 meter tower and will operate with a circularly polarized effective radiated power of 2.35 kilowatts. This tower also supports the antenna for WMEE(FM) - Fort Wayne, Indiana. The power density levels generated by the proposed WFWI facilities at two meters above ground level were calculated using the FCC's "FM Model" computer program. The results of these calculations are depicted in Figure 29.0. As shown in this figure, the maximum level of power density that will be generated by this facility at two meters above ground level will be  $1.0 \mu\text{W}/\text{cm}^2$ , which will occur at a distance of 100 meters from the base of this tower. Since the permitted power density level for uncontrolled exposure to nonionizing radiation in the FM band is  $200 \mu\text{W}/\text{cm}^2$ , this amounts to 0.5% of the permitted level. Since this value is less than 5% of the permitted level for uncontrolled exposure, the proposed WFWI facilities are excluded from environmental processing under this FCC Standard and need not be considered in conjunction with any other co-located facilities for determining compliance with the this standard.

WFWI, in conjunction with WMEE, will take appropriate steps to 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, when work becomes necessary in areas on this tower where the total power density levels are 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):	2350	Number of Elements:	2
Vertical ERP (W):	2350	Element Spacing:	1
Antenna Height (m):	152.4		

FIG. 29.0

WFWI POWER DENSITY CALCULATIONS  
 Pathfinder Communications Corporation  
 Fort Wayne, IN