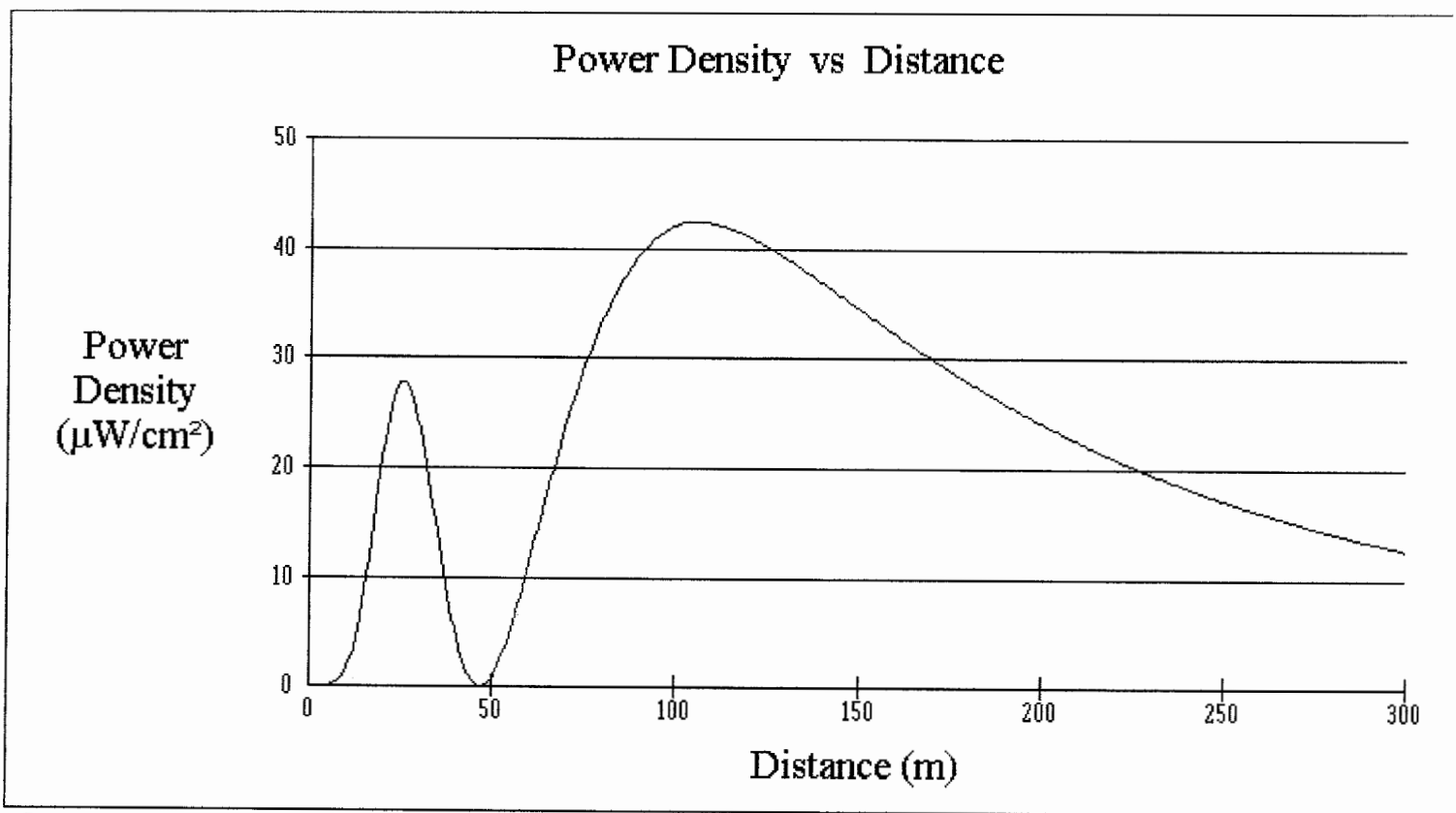
NSHE proposes to co-locate with KNPR on ASRN 1249158, utilizing an ERI SHPX-4AE/HW-DA antenna. This antenna is a 4-bay, half-wave spaced CP antenna. This antenna is to be mounted so as to place the center of radiation at 29 meters above ground level. Attached to this exhibit is a study of the NSHE proposal in the OET FMMODEL program, which predicts the proposal would produce a maximum contribution of 43 μW/cm² at head height for a human being at a distance of approximately 100 meters from the base of the tower. This value is 21.5% of the uncontrolled (general population) and 4.3% of the controlled (occupational) limits contained in 47 CFR §1.1310. The only other non-categorically-excluded sources on this tower are KNPR(CP) and KNPR-A(CP). However, other towers in the vicinity on this electronics site provide contributions that place most of the area above the limits for uncontrolled exposure. This is a site in a rugged mountain area that can only be accessed by 4-wheel-drive vehicles. There is a locked gate 13 kilometers from the site on the only access road that cannot be bypassed by the public. NSHE affirms that it will reduce power or suspend transmission as necessary to prevent exposure to workers in excess of the cited regulation.



Office of Engineering and Technology

Distance (m):	300	Antenna Type:	ERI or JAMPRO JBCP "Rototiller" (EPA)
Horizontal ERP (W):	18500		
Vertical ERP (W):	18500	Number of Elements:	4
Antenna Height (m):	29	Element Spacing:	.5