

NEW FM, McCLOUD, CA

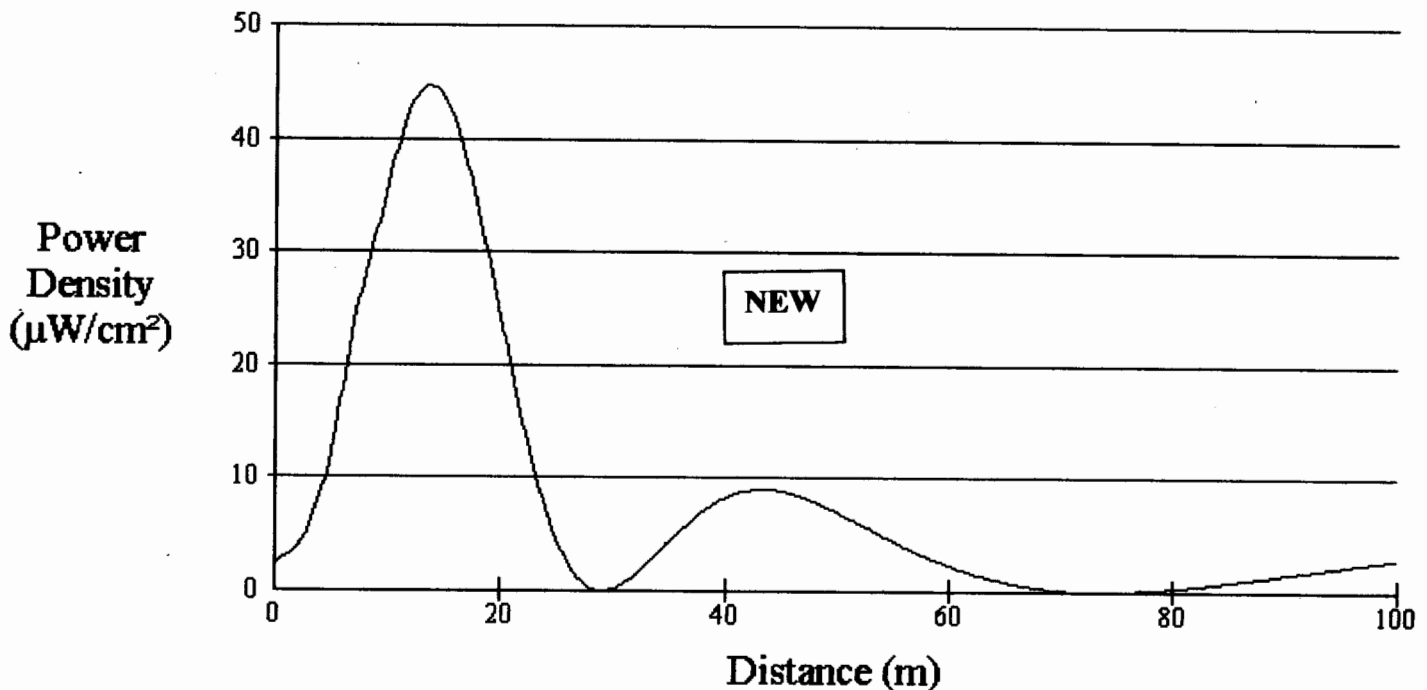
EXHIBIT 30 - ANSI STUDY

The RF safety impact of this proposal was studied in OET's FMMODEL computer program. There are two FM broadcast facilities proposed to be located on this tower, the instant proposal and an as-yet un-built construction permit issued to Educational Media Foundation ("EMF") for KMJC-FM (BPED-20040505ABT, FIN 60022). ABC has contacted EMF to determine what antenna they intend to install. That information was combined with the ERP and height data contained in the underlying construction permit for KMJC-FM to produce the study of that contribution. The contributions from both proposals are as follows:

NEW	45 $\mu\text{W}/\text{cm}^2$
KMJC-FM	53 $\mu\text{W}/\text{cm}^2$
TOTAL:	98 $\mu\text{W}/\text{cm}^2$

The total predicted radiation impact at 2 meters above ground from both proposals operating simultaneously is therefore predicted to be 49% ($98/200 \mu\text{W}/\text{cm}^2$) of the maximum permitted in 47CFR 1.1310, which MEETS the requirement of the regulation.

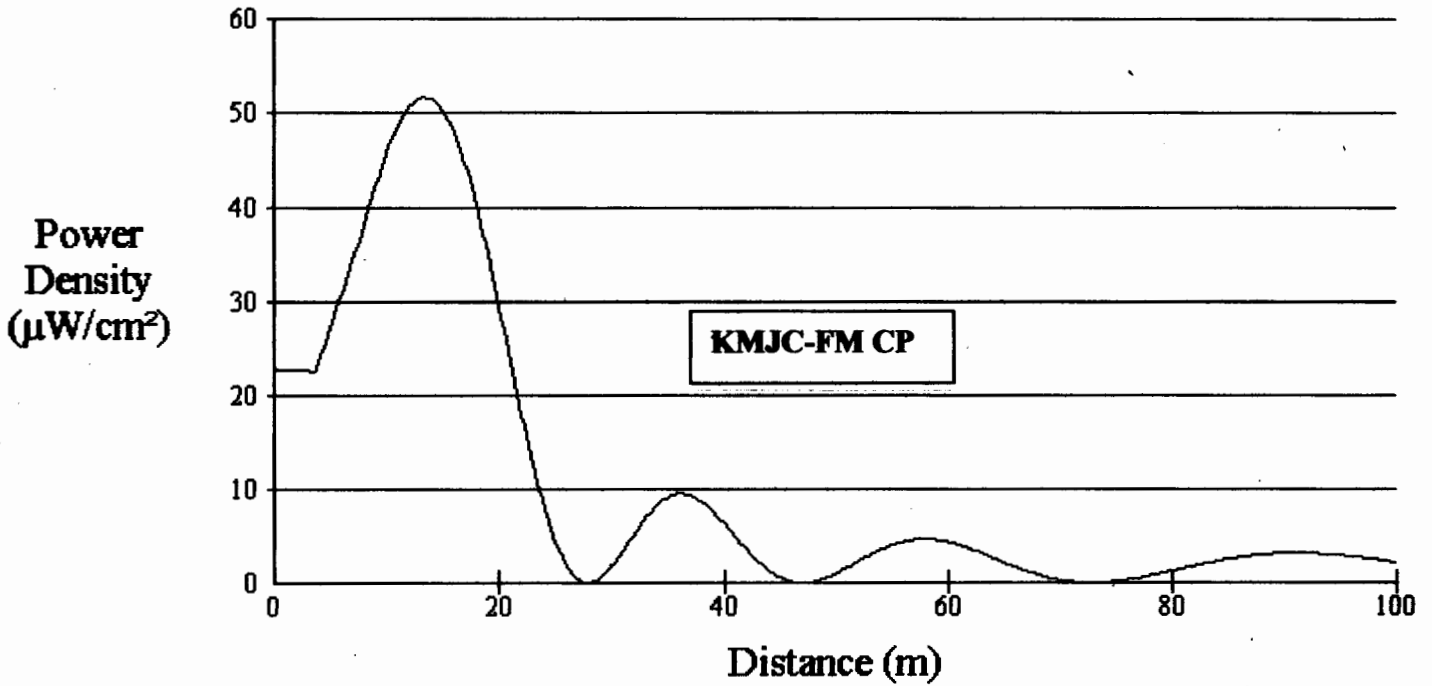
Power Density vs Distance



Office of Engineering and Technology

Distance (m):	100	Antenna Type:	Shively 6800 series
Horizontal ERP (W):	4800	Number of Elements:	3
Vertical ERP (W):	4800	Element Spacing:	1
Antenna Height (m):	28		

Power Density vs Distance



Office of Engineering and Technology

Distance (m):	100	Antenna Type:	ERI or JAMPRO JBCP "Rototiller" (EPA)
Horizontal ERP (W):	20000	Number of Elements:	6
Vertical ERP (W):	20000	Element Spacing:	1
Antenna Height (m):	44		