

THIS RADIOFREQUENCY RADIATION STUDY IS BEING CONDUCTED TO DETERMINE WHETHER THIS PROPOSAL IS IN COMPLIANCE WITH OET BULLETIN 65 DATED AUGUST 1997 REGARDING HUMAN EXPOSURE TO RADIOFREQUENCY RADIATION IN THE VICINITY OF BROADCAST TOWERS.

THE PROPOSED TRANSMITTER WILL OPERATE ON 98.7 MHZ WITH A POWER OF 3.0 KW (CIRCULAR) FROM 48 M AGL. THE PROPOSED ANTENNA IS AN ALDENA LOG PERIODIC ANTENNA. THE SAME ANTENNA WILL BE USED AT THE STA SITE AS THE LICENSED SITE. THIS ANTENNA IS A WORST CASE RFR TREATMENT ANTENNA. THIS PROPOSAL DELIVERS 87.00469 MICRO WATTS PER CENTIMETER SQUARED OR 43.5023% OF THE ANSI LIMIT AT THE TOWER BASE.

CO-LOCATED IS W34DY-D (TV). THIS STATION OPERATES WITH 15 KW (HORIZONTAL ONLY) FROM 54 M AGL. THIS STATION DELIVERS 6.87444 MICRO WATTS PER CENTIMETER SQUARED OR 1.7388% OF THE ANSI LIMIT. THE SUM OF BOTH RADIATING SOURCES ON THE TOWER IS 45.24% OF THE ANSI LIMIT, WELL BELOW THE MAXIMUM OF 100% THEREFORE WE COME TO THE CONCLUSION THAT THIS PROPOSAL IS WITHIN THE GUIDELINES OF THE BULLETIN REFERENCED ABOVE.

THIS SITE IS ALSO KNOWN AS ANTENNA STRUCTURE REGISTRATION NUMBER 1219694. NO CHANGE OF HEIGHT IS PROPOSED FOR THIS EXISTING STRUCTURE.