

BDCCDTL-20101119AGT

The screenshot shows a Windows XP desktop environment. At the top, a taskbar displays the system clock as 'Dec 28, 2010 2:18 PM' and the user as 'User: N/A'. The main window is titled 'CDBS - Exhibits' and contains the following text:

THIS APPLICATION PROPOSES A DIGITAL COMPANION CHANNEL FACILITY TO BE ASSOCIATED WITH KZFC-LP (FAC. ID NO. 67530). UPON GRANT OF THIS APPLICATION, APPLICANT INTENDS TO SURRENDER THE GRANTED FLASH-CUT PERMIT (BDFCDTL-20090630ABO).

FIGURE 1 - COVERAGE MAP DEMONSTRATING THAT THE INSTANT DIGITAL COMPANION CHANNEL APPLICATION IS CONSIDERED A MINOR CHANGE PER SECTION 73.3572.

THE PROPOSED FACILITIES WERE EVALUATED IN TERMS OF POTENTIAL RADIO FREQUENCY (RF) ENERGY EXPOSURE AT GROUND LEVEL TO WORKERS AND THE GENERAL PUBLIC. THE RADIATION CENTER FOR THE PROPOSED DTV ANTENNA IS LOCATED 104 METERS ABOVE GROUND LEVEL. THE MAXIMUM DTV ERP IS 15 KW (HORIZONTAL POLARIZATION). A GREATER THAN EXPECTED VERTICAL PLANE RELATIVE FIELD VALUE OF 0.2 (FOR ANGLES BELOW 60 DEGREES DOWNWARD) IS PRESUMED FOR THE ANTENNA'S DOWNWARD RADIATION (SEE FIGURE 2). THE CALCULATED POWER DENSITY AT A POINT 2 METERS ABOVE GROUND LEVEL IS 0.0019 MW/CM². THIS IS 0.45% OF THE FCC'S RECOMMENDED LIMIT OF 0.423 MW/CM² FOR CHANNEL 41 FOR AN UNCONTROLLED ENVIRONMENT. THEREFORE, BASED ON THE RESPONSIBILITY THRESHOLD OF 5%, THE PROPOSAL WILL COMPLY WITH THE RF EMISSION RULES.

ACCESS TO THE TRANSMITTING SITE IS RESTRICTED AND APPROPRIATELY MARKED WITH RFR WARNING SIGNS. FURTHERMORE, AS THIS IS A MULTI-USER SITE, A PROTOCOL WILL BE IN EFFECT WITH THE OTHER STATIONS IN THE EVENT THAT WORKERS OR OTHER AUTHORIZED PERSONNEL ENTER THE RESTRICTED AREA OR CLIMB THE TOWER TO ENSURE THAT APPROPRIATE MEASURES WILL BE TAKEN TO ASSURE WORKER SAFETY WITH RESPECT TO RADIO FREQUENCY RADIATION EXPOSURE. SUCH MEASURES INCLUDE REDUCING THE AVERAGE EXPOSURE BY SPREADING OUT THE WORK OVER A LONGER PERIOD OF TIME, WEARING ACCEPTED RFR PROTECTIVE CLOTHING AND/OR RFR EXPOSURE. FURTHERMORE, IT IS NOTED THAT THIS TECHNICAL EXHIBIT ONLY ADDRESSES THE POTENTIAL FOR RADIO FREQUENCY ELECTROMAGNETIC FIELD EXPOSURE. THE PROPOSED OPERATION WILL PROVIDE THE NECESSARY PROTECTION TO RADIO ASTRONOMY INSTALLATIONS AND FCC MONITORING STATIONS. IN ADDITION, THE PROPOSED OPERATION IS LOCATED OUTSIDE OF THE BORDER AREAS OF CANADA AND MEXICO.

The taskbar at the bottom shows the Start button, an open 'Inbox - Microsoft Out...' window, the 'CDBS - Version 4.16 ...' application window, and an 'ASR, Registration 104...' window. The system tray on the right shows the time '2:18 PM'.