

1 CLARKE: My name is Penny Clarke, C-L-A-R-K-E. I live at 99
2 Dekker Drive in Paradise Hills. I am Electro Biologist and Health Physican and
3 Assistant Professor of University of Colorado. (inaudible) at which I work is
4 currently in human trials in the treatment of brain cancer. I am against this
5 proposal for health reasons and agree with the testimony given by Dr.'s Frankel
6 and Kelley informing you of the risks associated in positioning broadcast towers
7 in residential neighborhoods.

8 SHEEHAN: Penny could you pull the microwave to your mouth?
9 Thank you.

10 CLARKE: Sure. The Lake Cedar Group proposal will increase
11 levels of radiation to a large number of homes in the area and the people living
12 in these homes will have a higher risk of associated disease. Both Doctor Kelley
13 and Doctor Frankel have stated that they will move away from the area should
14 this proposal be granted. I find this rather alarming. A lot of reference has been
15 made to the ongoing CSU study that has been funded by the NIH. I would like
16 to emphasize the significance of this funding. Getting an NIH grant is a big deal
17 and currently only about one in ten grants are funded. Also grants are
18 hypothesis driven which means that CSU has provided sufficient data to
19 convince other scientist that they will see adverse health effects and these
20 effects do have the potential to cause cancer. I would also like to remind you of
21 the letter exhibit 70 from many local cancer experts who are against the new
22 tower. I'm sure that should any one of you have cancer you would appreciate
23 their advice and their expertise. Why then not take that advice now? The

1 people here are concerned about their health. I know that applause is not
2 encouraged in these hearings but I believe that it clearly demonstrated their fear
3 that they or one of their family members will die because the damaging effects of
4 the tower sited near their homes. And I believe that the evidence indicates that
5 their fears are justified. Unless you are 100% certain that the RF radiation from
6 broadcast towers poses no health risks how can you endorse this proposal?
7 There is controversy over whether the radiation from the new tower will be more
8 or less than that from the existing towers. Well I found it difficult to understand
9 that radiation could be less if power is more. But I also think that the real
10 comparison should be between regulation levels if the proposal is denied and
11 radiation levels if it's accepted. If the proposal is denied some of the current
12 towers will have to come down in the foreseeable future. This means lower
13 radiation and it is this volume that should be compared to the Lake Cedar Group
14 proposal. I implore you not to allow this proposal. The need for a tower is an
15 excellent opportunity for the Lake Cedar Group and Jefferson County to
16 acknowledge current scientific awareness and consolidate towers in a location
17 that has the least possible risks to human health. Rezoning is against Jefferson
18 County's own zoning resolution if there is an alternative site. And I have heard
19 much testimony that Squaw Mountain provides such a site. In addition there are
20 considerably fewer homes on Squaw Mountain. They are located much further
21 away from the site and at a much lower elevation. The risk to human health will
22 have been much reduced. Thank you. Do you have any questions?