

1 nothing to blame you guys for. You guys sit here patiently listening to all of us.
2 You are listening to I mean we're, I've been hearing over and over again the
3 same things and but from very well thought out ways but again the same things.
4 And you sat here very patiently and listened to all of us. But again that is your
5 job. We are concerned and we hope you vote no. Thank you. Any questions?
6 Thanks.

7 SHEEHAN: Okay. Larry Pote I think from Edgewater Okay. Ann
8 Dickerson in Golden?

9 UNKNOWN: Commissioner she stepped out for a minute.

10 SHEEHAN: Oh did she? Okay if you will let me know when she
11 get's back in I will put her up there. Okay Ann Felteau? Ann Dickerson?

12 FELTEAU: No I am Ann Felteau.

13 SHEEHAN: Oh. So is there an Ann? Are you confused then on
14 which one is Ann then?

15 UNKNOWN: Yes.

16 SHEEHAN: So there is no Ann Dickerson? We are not going to
17 be waiting for her all night while you guys all leave?

18 UNKNOWN: She may exist Chairman. We don't actually know.

19 SHEEHAN: Okay. State your name, last name.

20 FELTEAU: You bet. My name is Ann Felteau, F as in Frank -E-
21 L-T-E-A-U. I live at 4645 West 30th Avenue in Denver. I have an Electrical
22 Engineering degree and I spent the first 10 years of my career in
23 telecommunications and have worked and consulted with many direct broadcast

1 satellites in convergent telecom companies. I am a supporter of advancing
2 technology. However I oppose LCG's tower proposal. My testimony today is
3 intended to inform you of the additional information gathered by Mr. Al Hislop
4 regarding real increase or decreased radiation levels due to LCG's tower
5 proposal. The question has been raised as to whether the LCG proposal would
6 result in an overall increase or decrease in RF radiation. Mr. Hart stated at the
7 LCG hearing that the RF radiation would go down overall whereas I believe
8 based on Mr. Hislop's calculations it would go up. And note that he used FCC
9 approved formulas for his calculations. And here is an item of note. If 10 homes
10 experienced an RF increase of one microwatt per second squared and one
11 home experienced a decrease of 10 micro watts per second square then LCG's
12 proposal would be considered RF neutral having known that RF increase or
13 decrease. Mr. Hislop's study shows the impacts of various populated areas
14 within the affected area versus a net result. The calculations are based on
15 LCG's for current and eight proposed emitters only, remaining other antennas
16 and emitters constant. Conclusions are illustrated in the map that you can see
17 on your screens. It shows a circle of two mile radius centered at the proposed
18 LCG tower site. Also illustrated are the relative field lines typical of the
19 directional LCG antenna patterns. The lengths of the lines represent the
20 strength of the fields in the direction of the lines. You can see that in the
21 western quadrant the field lines are short. Short lines represent low RF levels.
22 This decrease provides a benefit to 304 residences within two miles of the
23 proposed tower. In the other three quadrants extending northwest to southwest

1 the field lines are long indicating high field strengths in those directions. This
2 area represents 1,936 residences including the Apex, Heritage Square, Clear
3 Creek Whitewater Park and new golf course recreation areas within two miles of
4 the proposed tower. In order to test the two claims Mr. Hislop performed
5 detailed calculations at 16 points as represented by the stars at various places
6 surrounding the proposed LCG tower. All points represent existing residences
7 or institutions. Points were picked both on top of Lookout Mountain and
8 populated areas of interest in the Golden area below. The calculation details in
9 a comparison sheet are included with the report submitted by Mr. Hislop. So
10 observations regarding the results of the calculated increases versus decreases,
11 not a single point within the three quadrants from northwest to southwest was
12 found that had reduced RF power densities and that information is provided in
13 the excel spread sheets. All points that had calculated reductions of RF power
14 densities were within the western quadrant. One point within the western
15 quadrant, Cody Park actually had a increase when a decrease was expected.
16 The populated area with the highest RF increases based on the calculations
17 extended from south to southwest. A large number of homes in the area around
18 Mountsfield Drive and Panorama Estates and Paradise Road, Cabrini Boulevard
19 and Dekker Drive in Paradise Hills. They would experience significant RF
20 increases similar to those calculated for representative residences in those
21 areas. With that stated the addition of four new DTV transmitters in the LCG
22 proposal can in no way contribute to a reduction in RF levels. So in conclusion it
23 is evident from viewing the map and the calculation comparison sheet provided

1 by Mr. Hislop that any significant RF reductions are limited to the western
2 quadrant where only 304 residences exist within a two mile radius. RF
3 increases are experienced in the other three quadrants from the northwest to the
4 southwest that have 1,936 residences within a two mile radius. Clearly with
5 respect to populated areas and even unpopulated areas RF levels are going up
6 overall. That is it unless you have any questions.

7 SHEEHAN: Any questions at this point?

8 LAWRENCE: No.

9 SHEEHAN: I would certainly like our consultant to comment on
10 this presentation very specifically. Okay. Ben Prier? Herm Capustka? Is Ben
11 here? No Ben. Is Herm Capustka here? No Herm? Okay. Cindy Kelly? That
12 name sounds familiar.

13 UNKNOWN: That was Dr. Kelly. She's testified.

14 SHEEHAN: Okay. Preston Driggers? On deck Rick Matson.

15 TUTHILL: Didn't he already testify?

16 SHEEHAN: Did he already testify too?

17 TUTHILL: Isn't that Brian Mattson's father?

18 HOLLOWAY: It was Roger. That's Roger.

19 SHEEHAN: Okay.

20 DRIGGERS: Preston Driggers, D-R-I-G-G-E-R-S, 209 Berthoud
21 Way, Golden. That's Heritage Dells. Channel 4, Viacom, 24.6 billion. Channel
22 7, McGraw Hill, 40 billion. Channel 9, Gannett, 6.4 billion. Channel 20,
23 (inaudible) Chicago, a billion. Behind Cedar Group are 72 billion dollars in