

Now, do you understand my area of concern, the discomfort I have with this piece of legislation?

Mr. LEE. Yes, I think perhaps you might have a feeling that in order to protect one piece of equipment we might inhibit the development of some other piece of equipment.

Mr. BROWN. Simply because piece of equipment A is on the market first?

Mr. LEE. Well, I can certainly say that is not our intention and I don't see that this legislation would have that inhibition.

If, for example, we found a new development that was, we will use the term mutually exclusive, with an existing development or in compatible with it, I suppose we would have to make a choice.

Mr. BROWN. Do you have the technical competence to make that choice within the FCC? Do you have the staff and the people who can determine what the scientific possibilities are in one area versus another area and make a value judgment on which is preferable in the public interest?

Mr. LEE. I think it is generally conceded that in this area the FCC has the real expertise. That does not include me. We have the finest engineers in the Government in the electronic field.

Mr. BROWN. It seems to me that there are social ramifications here as well as economic and technical ramifications, and I don't know whether I should argue the point that you have the staff and people available to make decisions in the communications field or not, but I would like maybe to get into some further testimony with regard to this point.

Mr. LEE. I believe the electronics industry people—I don't know whether they are testifying, but they are writing letters supporting this. They originally opposed it until they looked into it very carefully.

Mr. BROWN. Just one question on that——

Mr. MACDONALD. Your time has expired.

I just have two questions.

How does the Commission define "radiation"? It's sort of a word that has a bit of——

Mr. LEE. Well, I think that, No. 1, we have to make sure we are talking about electromagnetic radiation. We do not have before us this problem of X-ray radiation; that is, physiological harm that we are hearing about from some other committee. What we are concerned about here is really electromagnetic radiation, and we receive, generally, a complaint from a source that in an area something is interfering with something important.

We have to send out these trucks, mobile equipment. We put fixes; you find where the lines intersect and you have to get into that neighborhood and area until you fix precisely at a site. It is a very laborious thing, and this legislation will remove a great deal of this burden.

Mr. MACDONALD. I am not sure that is a direct answer to my question.

Mr. LEE. How do you find——

Mr. MACDONALD. Yes; how does the Commission officially define "radiation"?

Mr. LEE. I would turn that over to Mr. Dixon. I thought you said "find" rather than "define"?