

Mr. RICHARD: You have certain programs you put on tape, as Mr. Aldred said this morning, and from that tape you transfer to a disc. He was mentioning that.

Dr. FRIGON: That would be so if you had a program on a tape in Winnipeg, say, and you wanted to send it for use in Halifax where you have no tape reproducing machine. You have to put it on a disc and ship the disc to Halifax, or you may, in certain programs record both on the tape and on the disc and then choose whichever recording is the better one. I do not think it is the general practice for us to transfer recordings from records made on all tape machines to a disc machine as a permanent method.

Mr. RICHARD: How long does a tape remain a record?

Dr. FRIGON: On the tape?

Mr. RICHARD: Yes.

Dr. FRIGON: It would not be practical to buy a tape and put it away.

Mr. BUSHNELL: You have a point there, Mr. Richard. Sometimes we take programs that we want to keep for purposes of record. In other words, someone may have made a speech and it might be referred to in six months from now or a year from now, and we might do that, as the general manager suggests, on the tape and on the disc and we would put the disc away and keep it for six or eight months.

Mr. RICHARD: You would not put the tape away?

Mr. BUSHNELL: We would not put the tape away, no.

Dr. FRIGON: During the royal visit in 1939 we did a lot of broadcasting and we have selected a great number of these and we have processed them. They are kept in the library in Ottawa here. They may be used fifty years from now. They have been processed for permanent keeping. If you were to leave that on acetate and you wanted to use them in five years you will find them gone; they will be warped or something, affected by the temperature, by moisture and whatnot.

Mr. RICHARD: What were the men recording in Montreal, on the discs, on the black discs?

Dr. FRIGON: Those were acetate records. During the war some of them had a base of glass or even paper. The normal base for a disc is aluminum.

Mr. RICHARD: And it is very sensitive to temperature and moisture?

Dr. FRIGON: Oh, yes. But to answer this other question about the recording on two sides—

The CHAIRMAN: That is what I want to get at. What about all this waste by only using the discs on one side?

Dr. FRIGON: Mr. Kannawin is in charge of this, in Toronto.

Mr. Kannawin called:

The CHAIRMAN: Mr. Kannawin, you heard the evidence about wastage. I think this one section ran into a wastage of \$15,000 to \$20,000 a year. In addition to that there was a wastage due to not using a tape recorder; anyhow it is \$15,000 to \$20,000 a year as a result of using only the discs. Now, what do you know about that?

Mr. KANNAWIN: I find myself obliged to disagree with this morning's witness. Several years ago the director general of programs formed me into a continuing committee of one, because I had been with the corporation quite a long while, and he asked me to keep an eye on discs in the library. Since then I have been going down there with the librarian on a regular basis. We do not