

Mr. NORBLAD. \$33,000.

Mr. SANDWEG. General Trudeau, we are interested in this contract because of its size. It would appear to be a difficulty encountered by the military that is not unusual in industry using comparable transmitters, and we wondered why it was necessary to get an outside organization to come in and tell you about this.

Colonel JOHNSTON. This was not a research and development contract. This contract was placed by our Research Division, the initials stand for U.S. Army Signal Corps Engineering. We have the project officer here. That is concerned with the long communications service.

Mr. SWOFFORD. I am Mr. Swofford of the USASEA. In coincidence with the testing of the high-powered transmitter, this contract was let to investigate the possibility of RF hazard to personnel. This was the prime cause.

Mr. SANDWEG. RF?

Mr. SWOFFORD. Radio frequency. This is electromagnetic energy and X-ray action, that is the real reason.

Mr. HEBERT. There is no other way to find it out except to let the contract. Hadn't you come upon this situation before?

Mr. SWOFFORD. Not to this degree. This was in excess of a half million watts.

Mr. NORBLAD. You talk about evaluation of interference present. I couldn't connect that up with the recommendation to put up a fence and so on.

Mr. SWOFFORD. This was a side issue, sir. We did find out a great deal on interference. We had to learn the possibility of its compatibility with lower powered transmitters and what it would do to broadcast, AM, FM, TV, and so on.

Mr. NORBLAD. That is what is indicated here, but certainly you don't prevent interference with a plain broadcast by putting up a warning sign in Woodbridge, Va.

Mr. SWOFFORD. This was misleading on the synopsis.

Mr. NORBLAD. Give me the synopsis. I read this this morning and I couldn't add the subject matter up to the recommendation at all.

Mr. SWOFFORD. Report based on measurement survey of electromagnetic energy and action X-rays and evaluation of possible biological hazards to personnel at the personnel at the Department of Army Transmitter Station, Woodbridge, Va. I think that would more accurately state it.

Mr. NORBLAD. And the answer was, "Keep people away from the area."

Mr. SWOFFORD. Within reason, yes.

Mr. NORBLAD. It didn't cost \$33,000 to keep people away from the area.

Mr. SWOFFORD. You realize we have a tremendous operation down there and a tremendous number of transmitters. We couldn't evacuate the whole area, of course, for the operation of this transmitter.

Mr. NORBLAD. I realize that.

Didn't you people know you just had to keep people out of the area instead of paying somebody from Philadelphia to come down and tell you that?