

Thériault, G., Goldberg, M., Miller, A.B., Armstrong, B.G. 1994

**Joint Électricité de France - Hydro-Québec - Ontario Hydro Epidemiological Study on the Long-Term Effects of Exposure to 50 and 60 Hertz Electric and Magnetic Fields**

Montréal (Qc), Hydro-Québec. 8 volumes

**Abstract:** This study was launched by Hydro-Québec in 1988 in conjunction with Électricité de France (EDF) and Ontario Hydro (OH). It was coordinated by the Occupational Health Department of McGill University. The objective was to see whether there was a connection between exposure to 50/60-Hz electric and magnetic fields (EMFs) and cancer, more specifically brain cancer, leukemia and skin melanoma. The sample used in the study was quite large. Data was collected with a personal dosimeter developed by the Hydro-Québec research institute. One group of workers wore the dosimeter for seven days at work and at home, and their exposure was compared with that of a control group. The occupational EMF exposure of over 4,000 cancer cases was compared with that of more than 6,000 control subjects who did not have cancer. The study report was filed in 1994. The findings were also published in several scientific journals