

PRESENTATION

TO THE

***Standing Committee on
Agriculture and Agri-Food***

at the

***Ramada Inn and Conference Centre
Abbotsford, B.C.
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***a catastrophic intersection of two
normally beneficial technologies.
EM Radiation and Chick Production.***

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To whom it **should** concern

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Introduction

I do not wish to sound alarmist but rather I would like to send a clear, distinctive, signal of deepening public concern. Every possible effort has been made to share this research with the CFIA.

The purpose of this field research is to provide evidence of the undesired result of the interaction of two related technologies and their independent application in the current **avian virus** catastrophe.

The related technologies are;

- A. Modern technological **poultry production factory systems** introducing the application of chemicals, medicines, biological agents and Electromagnetic radiation techniques, and;
- B. **Cumulative** background electromagnetic radiation.

The author also wishes to acknowledge the many benefits that both of these technologies have presented for the good of mankind in general.

It is simply the interaction of these technologies that has evidently gone astray. Corrective and benign techniques can be adopted, at very little expense, to avoid re-occurrence of the avian virus outbreak.

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Discussion

the connection

The **rapid buildup** of high tech method **factory system** poultry production began in the early 1990's with a doubling in the number of barns in the key years of 1998 to 2001. This was coincidental with the **equally rapid buildup** of microwave radiating towers which began to appear in the mid-1990s with accelerated buildup reaching a pace of 457% during the years 1997 to 2004 with a total of 32 (known) towers being built in this period. I believe this pace will continue through to 2007 when it will 'plateau' as suggested by a forecast done by industry.

the science

A.

The growth or maturing period from egg to market-ready chicks in the high tech **factory system** has been reduced from a natural 8 weeks to now less than 5 weeks (average 34 days) in a time-span of approximately 20 years. This has been accomplished by the unnatural application of chemicals, biological and medicinal agents as well as radiation and controlled physiological and psychological overload stresses. These impair the immune systems of chicks as well as other living systems, including human beings, particularly vulnerable during young growing stages of development. This has been established in science by the NRC of Canada.

B.

The harmful effects of **cumulative radiation** on living systems, with particular reference to birds, has been empirically demonstrated by Canada's National Research Centre (NRC) as outlined by documents held in their archives. There is a growing body of global scientific evidence supporting this research.

Annex 2.

National Research Centre of Canada - (NRC)

Scientific peer reviewed and archived laboratory controlled studies done by the NRC of Canada demonstrates conclusively the harmful effects of electromagnetic radiation on living systems. These studies are available through the NRC archives. To obtain copies by telephone call 1 800 668 1222 or visit their website at www.nrc.ca/cisti.

There is a nominal charge of approximately \$12 cdn.

Here are three brief relevant extracts from three of the studies;

1. Extract from LTR-CS-113 by Dr J Bigu, 1973, titled;

"Interaction of electromagnetic fields and living systems with special reference to birds." During the initial stabilizing period the egg production of each colony was the same, but following the onset of radiation the egg production of the radiated colony increased to a higher level at which it remained essentially constant. In terms of the total number of eggs produced the difference amounts to an increase of 13.7% - an increase that could be of

economic significance in raising poultry provided other, and undesired, interaction effects do not appear.

However the **mortality rate of the radiated colony was almost double** that of the control colony through each of phases A and B.

2. Extract from LTR-CS-18 by Dr J A Tanner, 1969, titled;
"Effects of microwave radiation on Parakeets in Flight"

Conclusion; The results obtained in this experiment indicates that microwave radiation has an **aversive effect on birds in flight** comparable to that previously observed in caged birds. This leads the way to a possible solution of the bird hazard problem in aviation.

3. Extract from LTR-CS-89 by Dr. J A Tanner, 1973, co-authored by Dr. Romero-Sierra, Dept of Anatomy, Queens' University, Kingston, Ont., titled;

"Bird Feathers as Dialectic Receptors of Microwave Radiation."

Depending on many factors the use of microwave radiation can be detrimental or beneficial to humans. One beneficial use of microwave radiation is to reduce the hazards of birds to aircraft. This forms part of an extensive program designed to shed some light on the complex nature of the **interaction of microwave radiation with biological systems.**

Conclusions

The avian virus was plausibly caused by misadventure with either disregard, or ignorance of, the **cumulative** effects over time of continuously increasing exposure to harmful electromagnetic radiation, particularly microwave, in tandem with the practices of the **modern hi-tech factory system** of poultry production.

Recommendations

1. Comprehensive monitoring and recording of background radiation in a **geostatic pattern** of vital locations particularly in the areas of density of factory livestock production and of high density human population.
2. Implement the World Health Organization (W.H.O.) '**Precautionary Principle**' as a National Standard for any further adventures in electromagnetic applications.
3. Ensure general public access to radiation information.