

## Submission to the ACMA Review

To Whom It May Concern,

As an electronics engineer, I have researched the biological effects of exposure to electromagnetic fields, and in particular radio-frequency microwaves. Based upon my survey of peer-reviewed science, I have been forced to conclude that the applicable Australian "safety" standards are woefully inadequate and lag behind world best practice in protecting its citizens from harm.

There exist numerous articles in accredited scientific journals linking electromagnetic radiation (EMR) with a range of physiological and psychological disorders that can lead to detrimental health outcomes. Many of these occur at field intensities far below those legally permitted in Australia, and may take decades to manifest as verifiable symptoms. I refer you to the following page of our website which includes thousands of categorised references to the same.

[http://www.emraware.com/emr\\_links.html](http://www.emraware.com/emr_links.html)

It is my view that the ACMA currently exhibits a lack of competence in addressing EMR health issues, largely as a result of partly adopting ARPANSA's radio-frequency standards. Said standards were developed upon data and concepts that are now decades out-of-date. For example, they do not reasonably take into account the now well-documented adverse effects caused by non-thermal EMR. Furthermore, in seeking to establish its own version of a "scientific consensus", ARPANSA routinely appears to downplay the conclusions of research which threatens the political status quo and/or financial interests of the industries it is supposed to be regulating.

I further suggest that the ACMA itself may have a conflict of interest since it presides over spectrum allocations while at the same time exerting authority upon health-related matters that could potentially limit their income from licensing fees.

The result of this situation is unprecedented in world history. Our entire population is effectively residing as involuntary test subjects within an ever-intensifying, open air microwave experiment. The World Health Organisation classifies EMR as "possibly carcinogenic". Momentum is growing among concerned international scientists to have this rating elevated to "probably carcinogenic" or higher.

Major insurers, such as Lloyd's and Swiss Re, have now added exclusions to their public liability policies for damage or injury attributable to EMR. The instruction manual for nearly every mobile phone and wireless product includes an explicit warning to keep the device at a set minimum distance from the body. Yet we still see ads from both public and private sectors depicting people holding a phone against their head. Why are they not taken to task? Why is there no media campaign in Australia to alert consumers to the acknowledged risks of EMR, and thereby forestall a future burden on our health care system?

In spite of rising concerns, the number and type of potentially damaging electro-technologies continues to proliferate beyond all previous expectations, simply because they are convenient

and profitable. But who pays for the uncalculated suffering and remedial costs? Some medical experts predict an epidemic of EMR-related illness that will far outweigh the lasting damage done by tobacco, asbestos, and lead combined. Millions of people are being affected as you read this submission, yet their valid claims fall on deaf ears. After years of virtually unregulated exposure, many are now presenting with life-threatening symptoms or disorders. This is just the tip of the iceberg.

As a civilised nation that supposedly honours basic human rights, we cannot afford to be complacent about what is emerging on the world stage as one of the major environmental health issues of our time. In resisting a constructive dialogue, it appears that Government agencies obligated to protect the public are being unduly influenced by those of their personnel with sympathetic connections to industry. Questions on these matters directed in good faith by concerned citizens are typically responded to with dismissive, convoluted or blatantly deceptive comments that attempt to evade both liability and the crucial points raised. Rest assured, the increasingly informed and EMR-affected public is not so easily fooled or swept aside.

I hereby request that all individuals with authority over EMR safety within Australia, having now been duly informed of substantiated risks, henceforth exercise their personal as well as statutory duty of care to help ensure no natural person within our Country suffers damage or injury resulting from exposure to EMR. In particular, immediate tangible steps should be taken by the ACMA and its appointed agents to adopt a more precautionary approach to EMR.

Be advised that as evidence of EMR risks continues to grow, your organisation and its employees will be under increasing scrutiny to act prudently and in the public interest. As history has repeatedly proven, parties who are negligent and willfully ignore or misrepresent the facts WILL be held to account.

Please confirm your receipt of this submission within 14 days to my email address below.

Yours sincerely,

A handwritten signature in black ink, appearing to read 'Peter Nielsen', with a stylized, cursive flourish at the end.

Peter Nielsen

[www.emraware.com](http://www.emraware.com)