

# European Committee on Radiation Risk

18<sup>th</sup> Nov 2011

Press Release: Immediate

The ECRR will publish the following book on 20<sup>th</sup> Nov 2011

## Fukushima and Health: What to Expect



*Proceedings of the 3<sup>rd</sup> International Conference of  
the European Committee on Radiation Risk  
May 5<sup>th</sup>/6<sup>th</sup> 2009, Lesvos, Greece*

Edited by

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and Mireille de Messieres

For those who wish to know the health consequences of the Fukushima catastrophe, the answers are to be found within this volume and in the radiation risk model of the ECRR. The data presented at the 2009 Lesvos conference of the European Committee on Radiation Risk show the real world effects of living in areas contaminated with the dispersed contents of an exploded nuclear reactor. Twenty five years of studies of people living on the Chernobyl contaminated territories has been enough to quantify in detail the

cancers, the heart disease, the loss of lifespan, the congenital illnesses, even the changes in sex ratio, in childhood intelligence and in mental health that follow the exposures to radioactive contamination from fission products, activation products and uranium fuel particles.

All of these are described in this volume in great detail, by the eminent scientists who have studied them. As Edmund Burke famously said, *Those who don't know history are doomed to repeat it* ; but the true history of the health effects of exposure to the radioactive substances released by both the Chernobyl and Fukushima catastrophes have been covered up by the power of the nuclear lobby. And the main instrument that has been used for this is the radiation risk model of the International Commission on Radiological Protection, the ICRP. But as far as scientific evidence goes, the simplistic ICRP risk model is now bankrupt. It is now clear to all, except governments who depend upon the ICRP model to justify their support of nuclear energy and nuclear weapons, that the model is unsafe. With terrifying prescience, the matter was raised in 2009, in a videotaped meeting between the Scientific Secretary of the ECRR Prof. Chris Busby and the just-retired Scientific Secretary of the ICRP, Dr Jack Valentin. In this meeting, and presented in this volume, Valentin states quite unequivocally, that the ICRP model cannot be used to assess the risk from a major accident at a nuclear power station. *It is not what it is for*, he said. Yet this is just exactly what it is being used for 7 months after the Fukushima catastrophe.

This is a political issue, an issue of democracy. It is also an issue for those involved, deciding whether to evacuate their children from the contaminated areas. Perfect political decisions require accurate information. For those decision-makers and members of the public who want to know what will happen to the people of Fukushima and wider areas of Japan, the information is here.

The cornerstone of Science Philosophy is the *Canon of Agreement*, which states that *the antecedent conditions of a phenomenon, when repeated, will produce the same phenomenon*. Let no one doubt that the Chernobyl experiment, repeated in Fukushima, will cause the same result, a result reported in these proceedings in all its terrifying clarity.

*Scientific papers and reports by (among others) Prof Yuri Bandashevsky, Prof Roza Goncharova, Prof Carmel Mothershill, Prof Inge Schmitz Feuerhake, Prof Alexey Yablokov, Prof Alexey Nesterenko, Prof Mikhail Malko, Prof Chris Busby, Prof Hagen Scherb, Prof Daniel Gluzman, Prof Shoji Sawada, Prof Elena Burlakova, Prof Angelina Nyagu, Dr Sebastian Pflugbeil, Dr Alfred Koerblein, Mr Andreas Elasaessar . The conference was finalised by the Lesvos Declaration in which all the eminent researchers called on national governments to abandon the current ICRP radiation risk model as unsafe and to adopt the ECRR2010 model.*

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