

Urgent Alert: 12<sup>th</sup> March 2011; London  
**The potential health consequences of the explosion  
at the Fukushima reactor in Japan**



*Joint Press Statement from the Low Level Radiation Campaign  
and the European Committee on Radiation Risk*

**Contact Your national Radioactivity Protection Agencies and ask them to monitor daily on their websites the radioactivity in the airflows, ground and water! Monitor radioactivity with other Geiger Counter devices and publish the data for public use!**

The evidence is now overwhelming that there has been a significant explosion accident at the Japanese Fukushima nuclear plant following the loss of coolant to the reactor. The reactor is of the Boiling Water type, which is the same type as the Chernobyl reactor. The detection of high levels of radioactivity and of Caesium-137 near the plant makes it clear that fission radionuclides are being released to the atmosphere.

The quantity of radioactivity which has been or will be released is not yet known. However it should be appreciated as a matter of extreme urgency that the health consequences of exposure to this type of radiation is extremely serious and that the level of exposure cannot be accurately assessed by making radiation measurements based on absorbed dose. The authorities are already, and will continue to, downplay the potential risks on the basis of a false radiation risk model, that of the International Commission on Radiological Protection. This is an exact replication of the responses to the similar Chernobyl explosion and is driven by the bias in these agencies and authorities towards nuclear energy. The radionuclides released in the Chernobyl accident are the same radionuclides being released from the Fukushima plant. The effects of the Chernobyl accident radioactivity releases have been seen to be devastating and continue to affect the health of the exposed populations as far away from Chernobyl as Europe and the USA. The reason that Geiger absorbed dose type of readings (milliSieverts) cannot be employed as measures of risk is that these kinds of radioactive substances act from within the body or by binding to DNA, thus the dose to the local tissue or DNA can be enormous whilst the average dose recorded by the Geiger counter may be quite low or even barely detectable.

If significant amounts of radioactivity from the Fukushima plume approach populated centres in any country (e.g. the western USA) the advice from the European Committee on Radiation Risk Action Team is as follows:

1. Do not believe the assurances of the radiation protection advisors working for the government. They are false, biased and based on an obsolete model. This is a potential Chernobyl level event and must be seen as extremely serious.
2. Try to obtain if possible a Geiger Counter or similar radiation detector or readings from someone who owns one. If the readings increase to more than twice the normal background in your area or to a level of more than 300nSv/h (300nGy/h) then:
3. Get away as soon as possible to a clean area or if not possible stay indoors and keep all the doors and windows closed for as long as the radiation levels are higher than normal. Try to keep the house sealed as far as possible.
4. Drink bottled water, use only tinned milk. Await further bulletins from [www.llrc.org](http://www.llrc.org) and [www.euradcom.org](http://www.euradcom.org)

See even on foods – pectin that transports radioactive elements out of the body  
<http://www.livestrong.com/article/334359-foods-that-cleanse-radiation-from-body/>

Avoid radioactivity contaminated milk products! The levels of Strontium 90 and other man made radionuclides are not safe - told to be safe in  
<http://www.livestrong.com/article/269250-strontium-rich-foods/>

Isotopes of Interest: Properties, Treatment, and Fact Sheets:  
[http://www.remm.nlm.gov/int\\_contamination.htm#treatment](http://www.remm.nlm.gov/int_contamination.htm#treatment)

The following are links to current drug information related to Radiation Emergencies:  
<http://www.fda.gov/Drugs/EmergencyPreparedness/BioterrorismandDrugPreparedness/ucm063807.htm>

Contact Your national Radioactivity Protection Agencies and ask them to monitor the radioactivity in the airflows on their websites!

**Contact:** Prof Chris Busby, Scientific Secretary ECRR +44 7989 428833; +44 1970 630215; Email: Mireille de Messieres: [admin@greenaudit.org](mailto:admin@greenaudit.org); Richard Bramhall, LLRC +44 1597 824771; [bramhall@llrc.org](mailto:bramhall@llrc.org)

Best regards,

Ditta Rietuma  
General secretary - BSR ECRR ([bsr@euradcom.org](mailto:bsr@euradcom.org)) and  
Baltic Sea Region Radioactivity Watch [www.BSRRW.org](http://www.BSRRW.org)  
+46-703 999 069  
+371-298 110 64 until (25-03-2011)