

storing it in plastic bags all over the prefecture. The mountains are highly radioactive and every time it rains, down comes radiation with the water... there are many long-lasting isotopes...in the soil in Fukushima.

And what happens is – you talked about biomagnification – when the plants take up the water from the soil, they take up the caesium which resembles potassium. Strontium 90 resembles calcium and the like... these elements get magnified [many times] in the rice and in the plants...so when you eat food grown in Fukushima, the chances are it's going to be relatively radioactive.

They've been diluting radioactive rice with non-radioactive rice to make it seem a bit better. Now, into the ocean go these isotopes as well, and the algae bio-magnify them by...ten to a hundred times or more. And then the crustaceans eat the algae, bio-magnify it more. The little fish eat the crustaceans, the big fish eat the little fish and the like...

And the thing is that you can't even taste, smell or see radioactive elements in your food...And it takes a long time for cancers to occur...you can't identify a particular cancer caused by a particular substance or isotope. You can only identify that problem by doing epidemiological studies comparing irradiated people with non-irradiated people to see what the cancer levels are...that data comes from Hiroshima and Nagasaki and many, many, many other studies.

...parts of Tokyo are extremely radioactive. People have been measuring the dirt from roofs of apartments, from the roadway, from vacuum cleaner dust. And some of these samples, they're so radioactive that they would classify to be buried in radioactive waste facilities in America. So, that's number one.

...to have the Olympics in Fukushima...defies imagination...some of the areas where the athletes are going...the dust and dirt there has been measured, and it's highly radioactive...Abe, Japan...set this up...as a sort of way to obscure what Fukushima really means. And those young athletes – and young people are much more sensitive to radiation – it's just a catastrophe waiting to happen.

They're calling it the radioactive Olympics!

I: (Chuckle). Is there anything that people can do... to mitigate the effects that this disaster has had, and may still be having eight years later?

HC: ... Don't eat...Japanese food because you don't know where it's sourced. Don't eat fish from Japan, miso, rice...If there's another large earthquake...all those tanks would be destroyed and the water would pour into the Pacific. [and] there could be another meltdown, a...huge release of radiation...from the damaged reactors. So, things are very tenuous, but they're not just tenuous now. They're going to be tenuous forever.

KICK NUCLEAR & NUCLEAR TRAINS

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REGULAR FRIDAY SOLIDARITY VIGILS

Every Friday (since August 2012): leafletting outside the Japanese Embassy, 101-104 Piccadilly (Green Park tube) from 10am-12.30pm; and then outside Tokyo Electric Power Co. offices, 14-18 Holborn (Chancery Lane tube) from 1-1.30pm. Held in solidarity with the anti-nuclear movement in Japan. Organised by: *Kick Nuclear* and *Japanese Against Nuclear UK* (JAN UK)

NEXT JOINT KN/NTAG PLANNING MEETINGS

Thursday May 16th, 7pm, at CND Office (Address above.)

NEXT STALL AND LEAFLETTING SESSION

Saturday June 22nd, 11am-1pm, near Brixton tube exit. Anti-nuclear power information and leafletting. Trains carrying highly-radioactive spent nuclear fuel rods pass over Brixton High Street very near the exit from the tube. Help welcome.

OTHER ACTION

Sept. 4th, 8.15-9.15am? Anti-nuclear leafletting outside annual World Nuclear Symposium at Park Plaza, opposite south end of Westminster Bridge.

FUKUSHIMA AND THE OLYMPICS

Kick Nuclear has been following the preparations in Japan for the 2020 Olympics to be held there with growing bemusement. Not only are some sports to be held in the radioactively-contaminated area around Fukushima, where athletes and spectators will presumably be fed contaminated local produce, but it has been decreed that the final leg of the Olympic torch's relay from Athens to the Olympics will involve the torch being carried through the Fukushima area. (The organisers describe it as "an area affected by the 2011

Earthquake and Tsunami” – no mention of the consequent nuclear disaster...)

All this seems to show that the Japanese authorities are more interested in trying to use the Olympic to try to whitewash the dangers from the continuing Fukushima nuclear disaster than in the Olympics as a festival of sport. Indeed they are calling the Olympics the “Recovery Olympics” as if the continuing dangers as a result of Fukushima no longer exist

And to do so they are even gamble on athletes and supporters being prepared to take risk the dangers of ingesting excess radiation through taking part in or attending the Tokyo Olympics.

Kick Nuclear is intending to run a campaign to alert UK athletes and people intending to attend them from the UK of these continuing dangers.

Below is an edited version of a recent interview, published in Global Research, with renowned anti-nuclear scientist Dr. Helen Caldicott, exploring these dangers

Interviewer (I): the Japanese government is preparing to welcome visitors...for the 2020 Olympic Games, and coverage of the 8th anniversary of the Fukushima disaster is hardly...registered, given the significant radiological and other dangers that you...and your authors cited in your 2014 book, *Crisis Without End*... I was hoping you could update our listeners on what is currently recognized as the main health threats in 2019...in relation to the Fukushima meltdown.

Helen Caldicott (H): it’s difficult because the Japanese government has authorised really only examination of thyroid cancer...caused by radioactive iodine and there were many, many cases of that after Chernobyl. And already they’ve looked at children under...18 in the Fukushima prefecture at the time of the accident... 201 had...thyroid cancer. Some cancers had metastasized [“spread to other sites in the body”]. The incidence of thyroid cancer in that population normally is 1 per million. So...it’s an epidemic of thyroid cancer just starting.

What people need to understand is...the time after exposure to radiation when cancers develop is any time from 3...to 80 years...Thyroid cancers appear early. Leukaemia appears about 5 to 10 years later. They’re not looking for leukaemia. Solid cancers of...any organ...appear about 15 years later and continue and in fact the Hibakusha from... Hiroshima and Nagasaki...still alive are...developing cancers in higher than normal numbers.

The Japanese government has told doctors that they are not to talk to their patients about radiation and illnesses derived thereof, and...if...doctors do do

that, they might lose their funding from the government. The IAEA...set up a cancer hospital – in Fukushima...

So there’s a huge, huge cover up...It’s an absolute medical catastrophe...and a total cover up to protect the nuclear industry and all its ramifications.

I: ...are we talking about ongoing emissions from, for example [your book] [*The Fukushima Nuclear Meltdown Continues Unabated. Radioactive Waste into the Pacific Ocean ?*](#)

H: ...[1] There are ongoing emissions into the air consistently; [2] ...a huge amount of water is being stored – over a million gallons in tanks at the site. That water is being siphoned off from the... damaged melted cores. Water is pumped consistently...every hour, to keep the cores cool in case they have another melt. And that water, of course, is extremely contaminated.

Now they say they’ve filtered out the contaminants except for the tritium which is part of the water molecule, but they haven’t. There’s strontium, caesium, and many other elements in that water – it’s highly radioactive – and because there isn’t enough room to build more tanks, they’re talking about emptying all that water into the Pacific Ocean ... this will be a disaster.

Water comes down from the mountains behind the reactors, flows underneath the reactors into the sea the three molten cores in contact with that water... and so the water flowing into the Pacific is very radioactive...

They put up a refrigerated wall of frozen dirt around the reactors to prevent water from the mountains flowing underneath the reactors, [cutting down] the amount of water flowing per day from 500 tons to about 150. But...if they lose electricity that refrigeration system is going to fail, and it’s a transient thing anyway so it’s ridiculous. In terms... So over time the Pacific is going to become more and more radioactive.

They talk about...removing those molten cores. When robots go in and try and have a look...their wiring just melts and disappears. They’re extraordinarily radioactive. No human can go near them because they would die within 48 hours from the radiation exposure. They will never...decommission those reactors. They will never be able to stop the water coming down from the mountains. And so it’s an ongoing global radiological catastrophe...

I: ...Could you speak [about] what we could expect to see in the years ahead in terms of the illnesses that manifest themselves?

HC: ...Fukushima is a very agricultural prefecture. Beautiful...food...lots of rice. The radiation spread far and wide through the Fukushima prefecture, and...they have been ploughing up...millions of tons of radioactive dirt and