



Newly Released TEPCO Data Provides Evidence of Periodic Chain Reaction at



Hi, I'm Arnie Gundersen from Fairewinds Associates, and it's Sunday, April 3rd.

A couple of videos ago I talked to you about the types of radiation. I talked about alpha particles and beta particles. There's one more type, and that's called a neutron to talk about today. When a uranium atom splits, it gives off two heavy pieces products, but it also gives off a couple of neutrons. Those neutrons hit the next uranium atom and cause it to split, and then we get a chain reaction. So, when you see neutrons, that's a chain reaction is occurring inside a nuclear reactor. That's how you determine if it is a chain reaction.

Some data over the last couple days and weeks have come up that indicate reactors at Fukushima may still be experiencing a chain reaction. First off, there was one of the English [language] Japanese newspapers that discussed neutron bursts about a mile away from the reactor. Now, that got my curiosity because when I was an engineer back in 1974 on Millstone 2, we had neutron problems. We were detecting neutrons at the guard shed at the fence boundary. So, I know that nuclear reactors emit neutrons and they travel a long way. In and of itself, that report wasn't enough, and the newspaper that covered it.