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#Fukushima I Nuke Plant: Japan Nuclear Technology Institute Senior Advisor Says "Reactors 1, 2, 3 All Had Complete Meltdown"

(UPDATED with the video in question at the end. **He says not only the fuels have melted down completely but some of them may already be outside the Pressure Vessels.**

(He also talks about **potentially extremely high concentration of radioactive materials ("like we've never seen before") in the water inside the Pressure Vessel**, as the result of core meltdown and continuous water injection.

(For more on his very frank assessment of the reactor core and the situation at Fukushima I Nuke Plant, PLEASE DO GO TO my latest post.)

Michio Ishikawa, the former head of the Japan Nuclear Technology Institute and the current "most senior" advisor to the Institute, appeared on an Asahi TV program on April 29 and shared his candid assessment of Fukushima I Nuke Plant accident.

He is known as one of the most ardent proponents of nuclear power generation. [The Japan Nuclear Technology Institute](#) was set up in 2005 by Ishikawa in order to represent the interest of the nuclear industry in Japan and promote nuclear energy.

People who watched this [Asahi TV program](#) were surprised to hear him contradict the official government "narrative" (I hate that word, but in this case it is exactly what it is, a "narrative" as opposed to reality) about the plant accident, even as he continues to insist nuclear power plants are safe and 100 milli-sieverts cumulative radiation is perfectly safe not just for the plant workers but for everyone.

Here are some of the comments he made during the program, [jotted down by a viewer](#) as he watched the program, and supplemented later with tweets by others. He weaves his own narratives like "no one anticipated such an accident" (oh yes many people did). Original in Japanese, my English translation, *[my comment in italic in square bracket]*:

「世界が予想しなかった事故」

"It's an accident that no one in the world anticipated."

[Uh huh. "Who could have known?" That's what every crook in a government anywhere says.]

「天災というのはそんなにしょっちゅう起きてたら天災じゃない」

"If an Act of God happens all the time, it's no longer an Act of God."

[Literal translation of the Japanese word 天災 is "calamity from heaven", a calamity that mere mortals have no control over. The government, the industry, TEPCO are therefore guiltless.]

「福島事故は津波がなければ起きていなかった」

"The Fukushima accident never would have happened without tsunami."

[Nice try, Mr. Ishikawa. But it was a power failure caused by the earthquake that triggered the accident, and the only transmission tower TEPCO owned that fell during the earthquake was the one that supplied power to the plant. More later.]

「8時間以内に電気が来ていれば、今の事態にはなっていない」

"If the power was restored within 8 hours, we wouldn't have the situation we have today."

[Yeah? How could the power have been restored in 8 hours?]

「福島は地震や老朽化によって事故を起こしたわけじゃないんです」

"The accident didn't happen because of the earthquake or the aging plant."

[Yes it did.]

「原発は30年どころか、60年、100年だって大丈夫ですよ」

"A nuclear power plant lasts not just for 30 years, but for 60, 100 years."

[And uranium and plutonium will last for "eternity" in human scale.]

「いま福島原発で通常時のルールのまま些末な対策ばかりやっている、非常時の対応が必要」

"At Fukushima I Nuke Plant, they've been applying minor countermeasures as if it is a normal situation. They need the emergency response."

[Thus the bath salt as tracer - the only comical relief in the whole sorry saga.]

「今は放射線との戦争状態、まったく東電の対応はなっていない」

Right now, it's the war with radiation. TEPCO's response is horrendous.

[And where is the government? The response from your own industry, other than trying to win a contract for cleanup jobs? And what do you expect from a utility company?]

「今の福島原発は戦争状態、戦場なんですよ」

Fukushima I Nuke Plant is at war, it's a war zone.

[That I agree. But the US NRC has now joined the Japanese government and says it's under control. Hahaha.]

「政府の発表は間違い。燃料棒は全部溶け落ちてしまっていると思う」

The government announcement is wrong. I think all the fuel rods have been melted down.

「水棺などといってモタモタしないで、炉心を早く冷やすことに一心になれ」

Don't bother with water entombment. Focus on cooling the core as soon as possible.

（トレーラーハウスを被災地に導入すべきとの意見に）「また津波が来ますよ」とにやけながら発言。

(Responding to the idea of introducing trailer houses in the earthquake/tsunami affected area, with a smirk on this face) Another tsunami will come.

[So he's expecting another big earthquake that will cause big tsunami?]

「20mSvぐらいで避難させているのはおかしい。100mSvまで安全なんだから帰らせたらいい」

It's wrong to evacuate people at mere 20 milli-sieverts. It's safe up to 100 milli-sieverts, so let them go home.

[There we go. Speaking like a true proponent of safe nuclear power. It's safe up to 100 milli-sieverts for civilians! Maybe he should go up there and cheer up the residents.]

「原発の作業員だって250mSvまで大丈夫なんだから」

Nuclear plant workers are safe up to 250 milli-sieverts.

[Mr. Ishikawa, why don't you take TEPCO's top management with you to the plant, and scoop out the contaminated water with a bucket and help the workers? No need for protection. It's safe.]

（原子力を推進したのは東電なのか政府なのかという質問に）「東電ってことはない、政府の方だ」

(Responding to the question whether it is TEPCO or the Japanese government who has promoted nuclear power) Not TEPCO. It's the government.

「浜岡原発はやめる必要はない。強度はしっかりしている。マグニチュード9でも福島は持った。浜岡でも心配することはない。津波は、電源さえきちんとしておけば大丈夫」

No need to stop Hamaoka Nuke Plant *[the one on the earthquake faults and in the supposed center of Tokai quake]*. It is built strong. Fukushima survived a Magnitude 9 earthquake. *[Well, not really.]* So, no need to worry about Hamaoka. As long as electricity is available, no need to fear tsunami. *[Rrrriiggghht. Haven't you heard the news yet, that the nuke plants in Japan do not have adequate backup power supplies to keep cooling the reactors?]*

「私の仲間が原爆の仇をとるんだといって（原子力発電の道に）進んだものもいる」

Among my colleagues, there are those who embarked on the career in nuclear power generation as a revenge against the nuclear bombs [dropped on Japan].

[Well, that revenge has turned out to be the revenge against their own people. How sad.]

For those who understand Japanese, here's the video (part 2 of [11](#)) where he discusses the melted core:



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POSTED BY AREVAMIRPAL::LAPRIMAVERA AT 2:55 PM

LABELS: [JAPAN NUCLEAR CRISIS](#), [JAPAN NUCLEAR TECHNOLOGY INSTITUTE](#), [MICHIO ISHIKAWA](#)

17 COMMENTS:

[FranSix](#) said...

Its amazing how white collar workers responsible for major accidents never seem to go to jail, no matter how many people they manage to wipe out.

[Jeremy](#) said...

Is there a link to an online video?

[Yeda Noboru](#) said...

" all the fuel rods have been melted down " And Big Mouth has downed a lot more !

[arevampirpal::laprimavera](#) said...

@jeremy, here you go. vid, and links.

[Anonymous](#) said...

[Robbie001](#) sez:

"The Fukushima accident never would have happened without tsunami."

Yeah and people wouldn't drown if they could breathe water but back in reality the tsunami did happen and people drowned and reactor buildings exploded.

"If the power was restored within 8 hours, we wouldn't have the situation we have today."

If ifs and buts, were candy and nuts we'd all have a merry Christmas. This guy really wishes everything went like the nuclear industry had hope a major accident would go. (If only the wave wasn't so high, if only all of our redundant backup systems did get washed or blown away).

"No need to stop Hamaoka Nuke Plant. It is built strong. Fukushima survived a Magnitude 9 earthquake. [Well, not really at all it wasn't mag 9 at the plant and the plant was damaged that's why they had a leak.] So, no need to worry about Hamaoka. As long as electricity is available, no need to fear tsunami".

What about future solar storm activity? The NRC has been admonished for downplaying the danger of a storm powerful enough to create EMP damage to entire national electrical grids. What if the impossible unthinkable happens (yet again) and a cosmic EMP pulse shuts down the entire world grid for 6-9 months or more? Are they going to have enough batteries to stop 440 nuclear reactors all melting down at once? Not to mention all the spent fuel pools that go with them.

www.eissummit.com/images/upload/conf/.../EIS_Kappenman_Part1.pdf

areyoume said...

Would be nice to have this post on the Japanese blog, too. Or, at least the link to this one and the brief explanation about what it is.

Anonymous said...

What a clown! A clown in a Japanese circus and he is not even funny.

[arevampirpal::laprimavera](#) said...

@anon at 3:50PM, I know what you mean, but please go read his detailed comments on the reactors. It's even less funny.

<http://ex-skf.blogspot.com/2011/04/fukushima-i-nuke-plant-ishikawa-of-jnti.html>

Only comical relief was a politician trying to suppress "speculation".

[Dr. Tom](#) said...

Read the last two sentences of this. If there have been no new leaks, they are dumping the water into the ocean. Of course they are - there is nowhere else to put it. But now I suspect there something in the woodpile - because the place this huge increase in radiation is occurring is ~10 km SOUTH of Fukushima Dai-ichi. What's there? Fukushima DAINI!

http://www3.nhk.or.jp/daily/english/02_01.html

Level now 3300 times limit at No. 2 reactor intake

The operator of the troubled Fukushima nuclear power plant says it has detected higher levels of radioactive materials in seawater samples from near the water intake at one of the reactors.

Tokyo Electric Power Company says it detected 130 becquerels of radioactive iodine-131 per cubic centimeter in samples collected near the water intake for the Number 2 reactor on Saturday. The figure is 3,300 times the national limit and 30 percent higher than the level detected on Friday.

It's the same site where iodine-131 at a level 7.5 million times the limit was detected on April 2nd. TEPCO says it detected radioactive cesium-134 at 120 times the limit and cesium-137 at 81 times the limit at the same place on Saturday. But the readings taken for these 2 substances were down for the third straight day.

There was a 90 percent drop in levels of iodine and cesium to the south of water intakes for reactors 1 through to 4.

The level of highly radioactive water in the sea rose to three to four times the level of the previous day along the coast 10 kilometers south of the power plant.

TEPCO says it's continuing to monitor the level, though there has not been a fresh leak of highly contaminated water.

Monday, May 02, 2011 05:45 +0900 (JST)

[brucehayden51](#) said...

It's never too late to start hanging white collar criminals. And a few politicians while we're at it!

Anonymous said...

I wonder if the water radiation measurements are accurate? I am NOT suggesting the readings aren't critical but I want to present an alternate theory about the fluctuations. Isn't it possible that a true water radiation reading is impossible in that all the creatures, plants etc are absorbing the radiation internally? Wouldn't that theoretically NOT give accurate water radiation level reading?

Anonymous said...

We are all fucked. There are alternatives, cold fusion, but the oil and uranium Nazis are not interested in clean alternatives because there is no blood money in it for them and clean alternatives won't kill billions of humans.

Anonymous said...

Stalin knew how to punish such enemies of the people. He sent them to labour camps (sometimes to uranium mines). The incorrigible ones were shot.

Anonymous said...

This bastards (officials and nuclear power promoters = traitors) have the blood of millions of victims on their hands. They destroyed Japan like no other enemy or natural disaster did it in the history of this country, transforming it in a second ATLANTIDA. So sad for this hard working (Japanese) people. All the respect and support for them in this difficult times for Japan and the world.

Anonymous said...

The only saving grace of this whole situation is, radiation induced death will eventually knock on his door, too.

Trying to create and control a piece of "Hell" for a power source, proves the stupidity of men like this fool. Solar power is the safest to use but, that is too obvious a choice!

Man could have had an amazing World here but, Man's concept of power and wealth will again...destroy him yet again!

Anonymous said...

This headline is too sensational and misleading the fact.

[arevamirpal::laprimavera](#) said...

@anon at 5/2 7:49AM, what can I say? It is what Mr. Ishikawa said in the program. Tell that to Mr. Ishikawa. As for the "fact", even that politician in the program (vice minister of health) declares no one knows the fact, not him, not Ishikawa, nobody. So, what "fact" do you know?

POST A COMMENT