

Subject: RE: JAPAN UPDATE - Tuesday - 1130hrs

From: [REDACTED]
Sent: 15 March 2011 16:37
To: [REDACTED]
Subject: RE: JAPAN UPDATE - Tuesday - 1130hrs

[REDACTED] - I'm sure your comms team are monitoring PA releases but.....

'DON'T RUSH TO NUCLEAR JUDGMENTS'

QUAKE Japan Nuclear
Mar 15, 2011 4:12:14 PM
By Joe Churcher and Emily Beament, Press Association

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Energy Secretary Chris Huhne has accused other European governments of "rushing to judgments" over the safety of nuclear power in the wake of the Japan crisis.

Mr Huhne took a public swipe at "continental politicians" hours after Germany announced it would close down seven older reactors - perhaps permanently.

But he also insisted he was right to order a UK safety review amid warnings from MPs it could hit investment in a planned new generation of domestic nuclear power stations.

"I think that in this country we have a good, long-standing tradition of trying ... to base public debate on informed assessment," he told the House of Commons energy and climate change committee.

"I know it can be frustrating in terms of those who want to come to more rapid conclusions but we should not rush to judgment. Let's wait until we have got the full facts.

"And I regret the fact that some continental politicians do seem to be rushing to judgments on this before we have had the proper assessment."

Tory MP Tim Yeo, the chairman of committee, said it was "right and proper" that the Chief Nuclear Inspector, Dr Mike Weightman, had been asked to carry out a review.

But he added: "In a climate that sometimes borders on hysteria there is a danger that, to try to assuage public concern, steps are taken that increase cost but are not strictly necessary for safety. I hope you will guard against that."

Mr Huhne said he had commissioned the review from a leading scientist to make sure debate in the UK was based "on reality and on the facts and not on a load of supposition".

And he added: "That frankly appears to be a risk, not least in some other countries at the moment."

Responding to complaints from one MP that he was failing to make enough public statements about the crisis, he said Dr Wightman's review "is going to be more reassuring to public opinion, whatever conclusions that he comes to, than if I was to start grandstanding, shooting my mouth off, saying something was X when it is frankly too early to tell."

Firm information about what happened at Fukushima was still hard to obtain, he said.

"It is not possible to pick up the phone and have a sensible conversation with an informed person in Japan for the obvious reason that they have a lot of things on their mind and briefing me or anyone else is not a high priority and nor should it be.

"We have to wait and see. I know sometimes that can be frustrating but it is the safe and sensible thing to do."

It was "far too early to tell whether there will be any impact on the investment climate", he said, but there was "an on-going potential risk" that it could damage the market.

From: [REDACTED] [mailto:[REDACTED]@niauk.org]
Sent: 15 March 2011 13:15
To: [REDACTED]
Cc: [REDACTED]
Subject: FW: JAPAN UPDATE - Tuesday - 1130hrs
Importance: High

[REDACTED] et al

Our latest update with NIA and Foratom briefings for your information in case you don't receive these from your press offices. We're about to start media interviews this afternoon.

From: [REDACTED]
Sent: 15 March 2011 11:30
To: [REDACTED]
Subject: JAPAN UPDATE - Tuesday - 1130hrs
Importance: High

Dear External Relations Steering Group member,

- DECC say that this week's **Nuclear Development Forum** goes ahead as normal – suspect the original agenda will be torn up though
- Hendry and Huhne at Select committee on Energy & Climate Change today so we are assuming they will make comments about the situation
- At the moment the **All-Party Parliamentary Group** goes ahead tomorrow – still with original speakers but with a first agenda item on Japan – **Please note though that this is as yet not confirmed** as we are still waiting to speak to John Robertson. **The Room has changed to Committee Room 10** – but we will update after speaking to John. **The BBC have asked to come along to the meeting and film interviews outside – I will keep you posted on developments in this area**
- To clear-up (as far as we can) the issue of radiation levels – 400 milli-sieverts per hour was recorded at the boundary of reactor 3 – very high level – but reactor 2 next door had levels 10 times lower than that so very localised – will keep you posted on this – of course we depend on TEPCO for these updates
- Attached above is the updated FORATOM Q & A
- Attached updated NIA statement (slightly amended)
- Attached below full round-up of TEPCO radiation levels

- Attached comments from Japanese Prime Minister and regulator
- Assorted news stories including Platts on US viewpoint and how it affects nuclear renaissance
- Platts full round-up of **ALL** Japanese plants at the moment

Message from Japanese Prime Minister (Summary)

- Please receive this message in a non-emotional manner.
- These nuclear reactors were shutdown and diesel generators are not functional because of the earthquake and Tsunami.
- I have asked evacuation to people who live within 20 km of the power station.
- In addition to this, I also would like to ask people who live 20 km outside and 30km within the power station stay in house.
- We are trying the best not to release radioactive nuclides further. TEPCO is trying the best to inject water, while braving the risk.
- I am sorry that I have caused so many worries. I would like all of you to act in a level-headed manner.

Report from the chief cabinet secretary (Summary)

Fire broke at unit-4 nuclear power plant. Unit-4 was out of service at the time earthquake occurred. It is presumed that the fuels stored in the spent fuel pit were heated by itself and hydrogen was generated from these fuels and explosion occurred. It is also presumed that radioactive nuclides are released to the environment directly through the broken building. We are trying to put fire to make things stable.

- It is presumed that the suppression pool is partially damaged and small amount of radionuclide released from the flaw. We can probably guess that visible fume from unit-2 is steam from the suppression pool.
- Water injection continues at unit-1, unit-2 and unit-3. The first priority is to maintain this status and handle the issue of unit-4.
- Radiological observations in the environment are as follows. These values are observation in the vicinity of the spots radio nuclides are released from. The level becomes smaller with increasing distance.
30 mSv/hr between unit-2 and unit-3
400 mSv/hr between unit-3 and unit-4
100 mSv/hr in the vicinity of unit-4
- 50 out of 800 TEPCO workers are engaged in water injection operation. The others have been evacuated.
- People who live within 20 km of the power station were asked evacuation. People who live 20 km outside and 30km within the power station should stay inside, shut windows and keep airtight.

PLATTS – news updates

NUCLEAR WILL REMAIN PART OF US ENERGY POLICY: DOE OFFICIAL

Washington (Platts)--14Mar2011/125 pm EDT/1725 GMT

The US will continue to make use of nuclear power as part of its energy policy going forward, despite the release of radiation from a Japanese reactor in the wake of a massive earthquake and tsunami in that country, a senior US Department of Energy official said Monday.

"We view nuclear energy as a very important component to the overall portfolio we are trying to build for our clean-energy future," said Daniel

Poneman, a DOE deputy secretary. "But, be assured that we will take the safety of that as our paramount concern."

Poneman made the comments during a White House news conference.

An massive earthquake off Japan's coast measuring 8.9 on the Richter scale Friday led to at least two explosions at and a release of radiation from the Fukushima Daiichi nuclear power plant.

The expansion of nuclear power in the US has gotten wide bipartisan support from President Barack Obama and lawmakers in Congress, but in the disaster's wake, some in Congress have called for a slowing of new nuclear construction.

--Derek Sands, derek_sands@platts.com

ASSORTED News Updates

Associated Press:

http://hosted.ap.org/dynamic/stories/A/AS_JAPAN_EARTHQUAKE?SITE=WSAW&SECTION=HOME&TEMPLATE=DEFAULT

Reuters: Snapshot of the up to date developments - <http://uk.reuters.com/article/2011/03/15/japan-quake-snapshot-idUKL3E7ED02D20110315>

Telegraph: How does Japan compare to other nuclear incidents -

<http://www.telegraph.co.uk/news/worldnews/asia/japan/8382724/Japan-nuclear-plant-how-Fukushima-crisis-rates-on-nuclear-disaster-scale.html>

CNN: <http://edition.cnn.com/2011/WORLD/asiapcf/03/15/japan.nuclear.reactors/index.html> - spent fuel rods may have burnt, causing the spike in radiation levels

PLATTS – Full round—up of all Japanese NPPs

Company	Refinery	CDU (b/d)	Status
JX Nippon	Sendai	145,000	Shutdown-Fire
	Negishi	270,000	Shut down
	Kashima	252,500	Shut down
	Osaka	115,000	Operating
	Muroran	180,000	Operating
	Mizushima	380,200	Operating
	Marifu	127,000	Operating
	Oita	136,000	Operating
Total JX Nippon		1,605,700	
ExxonMobil (TonenGeneral)	Kawasaki	335,000	Impacted
	Wakayama	170,000	Operating
	Sakai	156,000	Operating
Total ExxonMobil		661,000	
Idemitsu Kosan	Hokkaido	140,000	Operating
	Chiba	220,000	Operating
	Aichi	160,000	Operating
	Tokuyama	120,000	Operating
Total Idemistu		640,000	
Cosmo Oil	Chiba	220,000	Shutdown-Fire

	Yokkaichi	125,000	Operating
	Sakai	100,000	Operating
	Sakaide	110,000	Operating
Total Cosmo Oil		555,000	
Showa Shell	Yokkaichi	210,000	Operating
	Yamaguchi	120,000	Operating
	Keihin	185,000	Operating
Total Showa Shell		515,000	
Kyokuto Petroleum	Chiba	175,000	Shut down
Nansei Sekiyu (Petrobras)	Okinawa	100,000	Operating
FujiOil	Sodegaura	140,000	Operating
Taiyo Oil	Shikoku	120,000	Operating
Teiseki	Kubiki	4,724	Operating
Refinery capacity shut down/impacted		1,397,500 (31%)	
Capacity of operating refineries		3,118,924 (69%)	

LATEST RADIATION LEVELS FROM TEPCO

TEPCO reported the above as follows:

<Latest 6hours>

6:00 am MP-4 38.5μSv / h

6:10 am MP-4 40.9μSv / h

6:20 am MP-4 40.7μSv / h

6:30 am MP-4 38.6μSv / h

6:40 am MP-4 34.3μSv / h

6:50 am MP-4 31.7μSv / h

7:00 am MP-4 29.4μSv / h

7:10 am MP-4 28.5μSv / h

7:20 am MP-4 27.4μSv / h

7:30 am MP-4 26.5μSv / h

7:40 am MP-4 25.6μSv / h

7:50 am MP-4 24.7μSv / h

!

8:00 am MP-4 23.9μSv / h

8:10 am MP-4 23.3μSv / h

8:20 am MP-4 22.7μSv / h

8:30 am MP-4 21.9μSv / h

8:40 am MP-4 21.2μSv / h

8:50 am MP-4 20.6μSv / h

9:00 am MP-4 20.0μSv / h

11:10 am MP-4! 15.0μSv / h

11:20 am MP-4 14.6μSv / h

11:30 am MP-4 14.4μSv / h

11:40 am MP-4 14.1μSv / h

11:50 am MP-4 13.9μSv / h

12:00 noon MP-4 13.7μSv / h

http://translate.google.co.jp/translate?js=n&prev=t&hl=ja&ie=UTF-8&layout=2&eotf=1&sl=ja&tl=en&u=http%3A%2F%2Fwww.tepco.co.jp%2Fcc%2Fpress%2Fbetu11_j%2Fimages%2F110315f.pdf

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Subject: RE: Nuclear Media Lines

From: [REDACTED]
Sent: 15 March 2011 13:05
To: [REDACTED]
Cc: [REDACTED]
Subject: RE: Nuclear Media Lines

Just to keep you informed the latest HMG lines are attached.



Key messages:

- We are concerned about latest developments, and continue to follow them closely.
- Following the explosion at Fukushima nuclear plant, the Japanese government has advised all people between 20 and 30kms of the plant to stay inside and keep windows closed. The 20km exclusion zone remains in place.
- The UK Government advises all British citizens to follow this guidance.
- As the Chief Scientific Adviser stressed this morning, the Japanese Government's advice is entirely proportionate and appropriate to the risk.
- He also stressed that it is wholly wrong to compare the situation to Chernobyl, which fired a radioactive cloud 30,000 feet into the air for a long period of time. In the worst case scenario at Fukushima, a plume would only be fired to a maximum height of 500m so any radioactive cloud would land very close to the reactor. A 20km exclusion zone and a further 10km zone where residents are advised to stay indoors would be entirely appropriate for minimising health effects from direct radiation exposure.
- Our travel advice is kept under constant review, and is directly informed by the best scientific advice.

In a statement to the House of Commons on 14 March, the Prime Minister said:

"This is clearly a fast moving and rapidly changing picture, and the Japanese Government are doing everything they can to manage the situation they are facing. We are in close touch with the Japanese authorities and have offered our nuclear expertise to help manage this very serious incident.

"The Energy Secretary has asked Chief Nuclear Inspector, Dr. Mike Weightman, for a thorough report on the implications of the situation in Japan. The UK does not have reactors of the design of those in

Fukushima and neither does it plan any. Nor are we in a seismically sensitive zone. But if there are lessons to learn, then we will learn them."

Chris Huhne, UK Secretary of State for Energy and Climate Change said:

"We take this incident extremely seriously even though there is no reason to expect a similar scale of seismic activity in the UK. I have called on the Chief Nuclear Inspector, Dr. Mike Weightman for a thorough report on the implications of the situation in Japan and the lessons to be learned. This will be prepared in close cooperation internationally with other nuclear regulators.

"It is essential that we understand the full facts and their implications, both for existing nuclear reactors and any new programme, as safety is always our number one concern."

From: [REDACTED]
Sent: 14 March 2011 10:33
To: [REDACTED]
Cc: [REDACTED]
Subject: RE: Nuclear Media Lines

[REDACTED]

It makes sense for the industry to have a coordinated approach but the Government lines are as follows:

Energy and Climate Change Secretary Chris Huhne said:

"We take this incident extremely seriously even though there is no reason to expect a similar scale of seismic activity in the UK. I have called on the Chief Nuclear Inspector, Dr. Mike Weightman, for a thorough report on the implications of the situation in Japan and the lessons to be learned. This will be prepared in close cooperation internationally with other nuclear regulators.

It is essential that we understand the full facts and their implications, both for existing nuclear reactors and any new programme, as safety is always our number one concern."

If you want to copy me into any material you develop that would be most welcome.

[REDACTED]

From: [REDACTED]
Sent: 13 March 2011 11:12
To: [REDACTED]
Cc: [REDACTED]
Subject: Nuclear Media Lines

Dear [REDACTED]

Good to see you on Friday. Events in Japan have the potential to set the nuclear industry back if we do not counter quickly and accurately.

As mentioned I am off for a couple of weeks. I think HMG and the NIA should coordinate lines, with the N-AMRC / MAS and the rest of the industry to pull out the facts of what has taken place in Japan. [REDACTED] and [REDACTED] I am sure will coordinate and [REDACTED] at BIS will be the contact whilst I am away.

* We need to get positive messaging that whilst the pictures of the nuclear plant in Japan may look dramatic, it is all part of the safety systems and the incident has been effectively managed, that nuclear is safe, even with reactors build in the 1960s and the new Gen III reactors are safer still.

We need to own the ground on this and not allow the anti-nuclear people to take up occupancy of it.

With thanks

[REDACTED]

[REDACTED]
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