

**Outline of
Japanese Seismic Design Review Guide
of Nuclear Power Reactor Facilities
(SH1-36)**

7 Sept. 2007

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Japan Nuclear Energy Safety Organization

Content

- I . Formation of seismic design code in Japan

- II . Outline of Japan Nuclear Safety Committee's
Seismic Design Review Guide;
comparing **Before and Revised**

- III . Comparison the point of seismic design practice
between **Japan and USA**

- IV . Conclusion

I .Formation of seismic design code in Japan

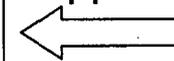
Nuclear Safety Commission

- Regulatory Guide for Reviewing Seismic Design of Nuclear Power Reactor Facilities (15pages) → 1981 July Established
2006 Sept. Revised

METI (Nuclear and Industrial Safety Agency)

- Ministry Code No62 “Technical code for Nuclear Power Reactor Facilities Article5 Seismic requirement”
(1 page)

Technical support



JNES

Endorse



Japan Electric Association (Utilities)

- Technical Guidelines for Seismic Design of Nuclear Power Plants
JEAG4601 (~1300pages) → 1970,1984,1987,1991 Completed gradually
(English version: NUREG/CR-6241)
Now revising

Formation of seismic design code in Japan

NSC Seismic design Reviewing Guide (Revised)

- 1.Introduction
- 2.Scope
- 3.Basic Policy
- 4.Classification of Importance in Seismic Design
- 5.Determination of design basis earthquake ground motion
- 6.Principle of seismic design
Policy, Seismic force for each class
- 7.Load combinations and allowable limits
- 8.Consideration of the accompanying events of earthquake
Tsunami, Collapse of inclined plane

NSC Introduction to Safety Examination of Geology/Soil of NPP (Not revised)

JEA JEAG4601 (Now under revising)

- 1.Basic items
Purpose, Scope, Basic policy
- 2.Classification of Importance in Seismic Design
Classification, seismic force for each class
- 3.Earthquake and basic earthquake ground motion for seismic design
Earthquake ground motion, Tsunami evaluation
- 4.Geological and ground survey
- 5.Safety evaluation of ground and seismic design of civil structures
R/B base, around inclined plane, outside civil structures
- 6.Seismic design of building structures
Material, load combinations and allowable limits, structural design, response analysis, seismic margin
7. Seismic design of equipment / piping system
Load combinations and allowable limits, seismic force, response analysis, function maintenance evaluation, energy absorbing support

Each task for the present ; after NSC Guide revised

NSC

- Review Seismic Re-evaluation of Existing NPPs by utilities
- Revise “Introduction to Safety Examination of Geology/Soil of NPPs”

METI (NISA)

- Review Seismic Re-evaluation of Existing NPPs by utilities
- Investigate lessons learned from the Niigataken-tyuetsuki earthquake and effect to Kashiwazaki NPP
- Uphill Ministry Code No62 Article5 “Seismic requirement”

Technical
support



JNES

Utilities (Japan Electric Association)

- Seismic Re-evaluation of Existing NPPs according to revised NSC Guide
- Review JEAG4601 according to lessons learned from the earthquake and re-evaluation of NPPs

II . Outline of Japan Nuclear Safety Committee's
Seismic Design Review Guide;
comparing **Before and Revised**

- ◆ NSC revised Sep. 2006 their “Regulatory Guide for reviewing Seismic Design of Nuclear Power Reactor Facilities” ,
to reflect seismological and seismic engineering progress after 1995 Hyougo-ken Nanbu Earthquake.

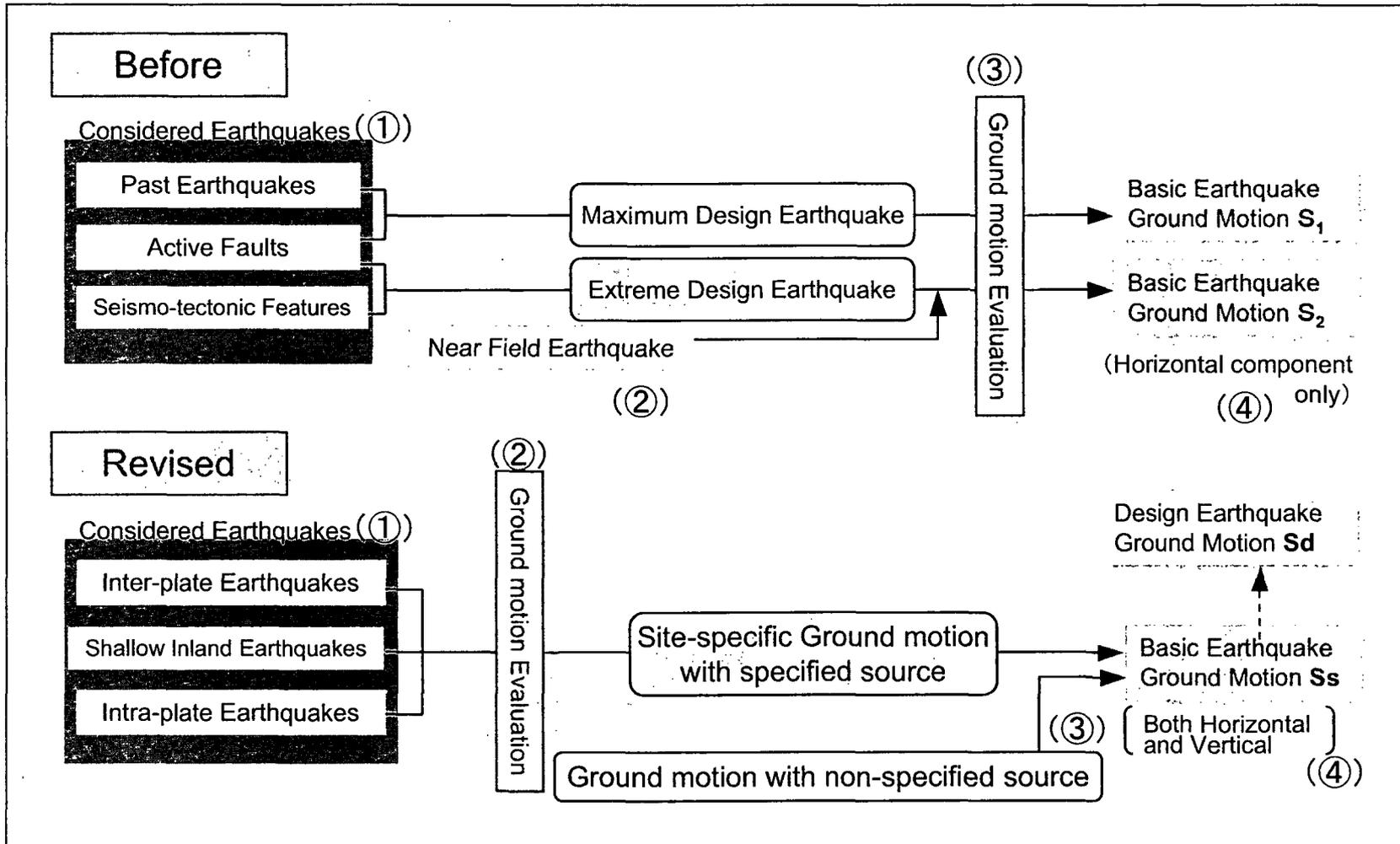
- ◆ NISA promptly required utilities to re- evaluate seismic design of all existing NPPs according to revised guide.

- ◆ Utilities started re-evaluation from the step of geological survey

1. Main points of the revision

| Item | Before | Revised |
|---|--|--|
| Design Base Earthquake Definition | <ul style="list-style-type: none"> •S1: Return period more than 10000y Stay in elastic region * •S2: Return period more than 50000y Keep function * * Class As, A component | <ul style="list-style-type: none"> •One DBE Ss: Consider active fault hereafter late Pleistocene (80000-130000y before) Keep function * •Sd for design (Not earthquake) to stay in elastic region * $S_d = \alpha \times S_s$; $\alpha \geq 0.5$ * Class S component |
| Geological Survey | | Use most updated knowledge and technique |
| Consideration of Vertical Seismic Force | $F_v = 1/2 F_H$ (Static) | Define F_v dynamically |
| Over DBE Earthquake | | Possibility of over DBE earthquake cannot be denied. Risk by over DBE is to be assessed for reference |
| Seismic Classification | As, A, B, C | S (old As and A), B, C → Old A class ranked up to As |
| Phenomena accompanying earthquake | | Consider the effect of; <ul style="list-style-type: none"> •Tsunami, •Collapse of around inclined plane |

1.1 DBE Definition - Earthquake Research Flow

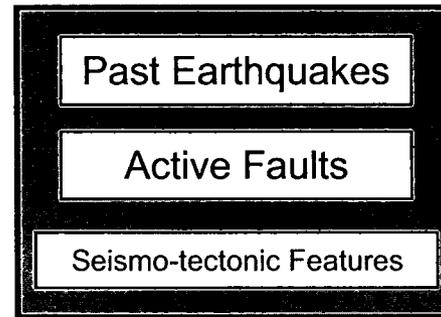
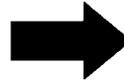


DBE Definition - Earthquake Consideration

Before

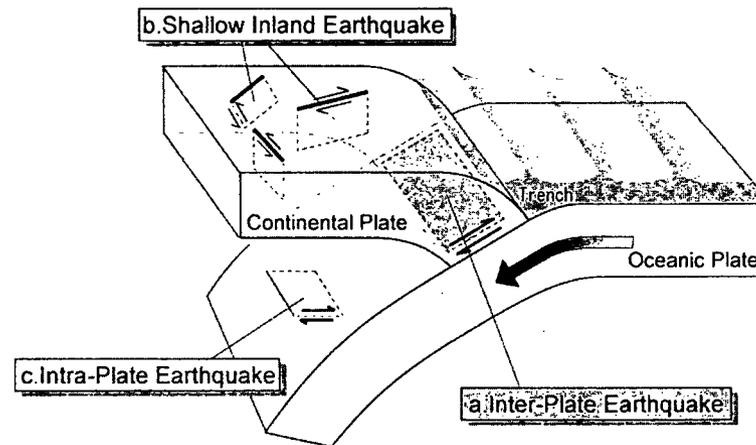
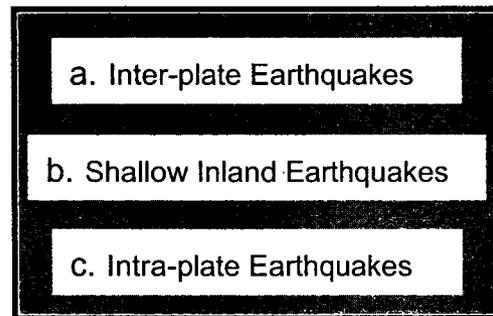
◆ Consider with each research methods

- Earthquake documents
- Active faults research
- Seismicity near site



Revised

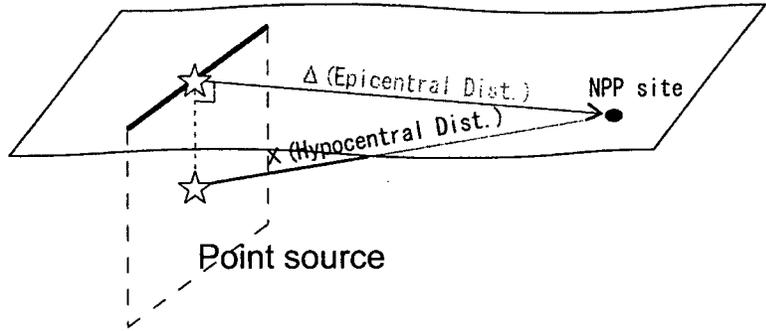
◆ Consider with each source type



DBE Definition – Ground Motion Evaluation

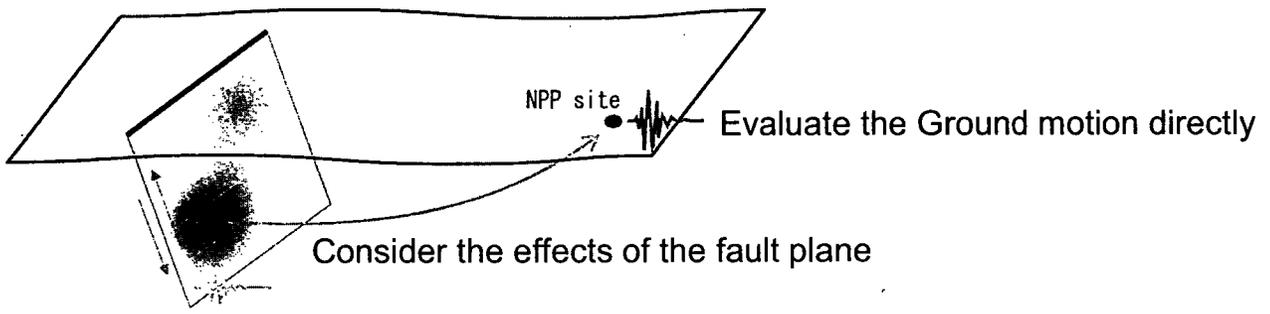
Before

- ◆ Empirical methods (Response spectrum evaluation)



Revised

- ◆ Empirical methods + Strong motion evaluation using Earthquake source model



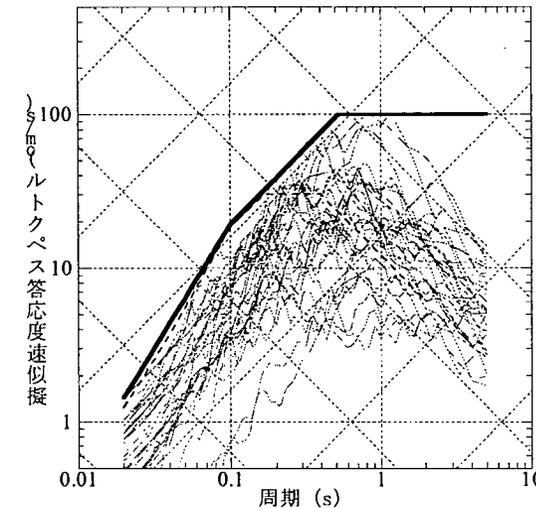
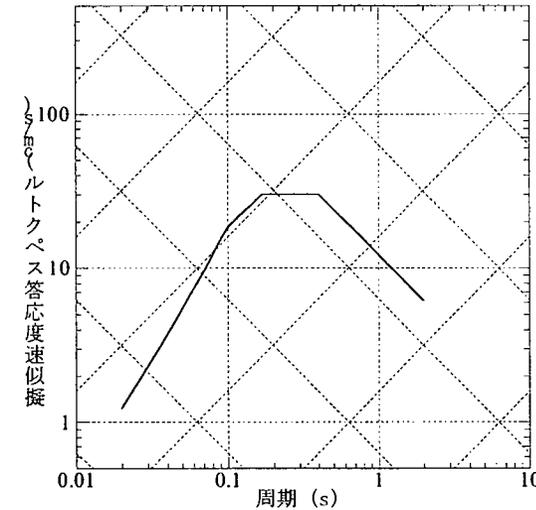
DBE Definition – Near-Field Earthquake

Before

Consider Near-field Earthquake (M6.5)
by way of precaution

Revised

Estimate the upper level of the ground motion due to the earthquakes source of which are difficult to specify in spite of detailed survey in the vicinity of the site,
directly on the basis of near-source strong motion records



Active Faults Consideration

Before

- ◆ Consider the active faults that has activity in 50,000 years

Active Fault of Low activity (Return period more than 50,000)

→ Consider as the source of S_2

Active Fault of high activity (Return period more than 10,000)

→ Consider as the source of S_1

Revised

- ◆ For S_s , consider the active faults that has activity in the late Pleistocene (referring to last Interglacial strata [about 80,000 – 130,000 years before])

Consider as the source of Inland Earthquakes for S_s

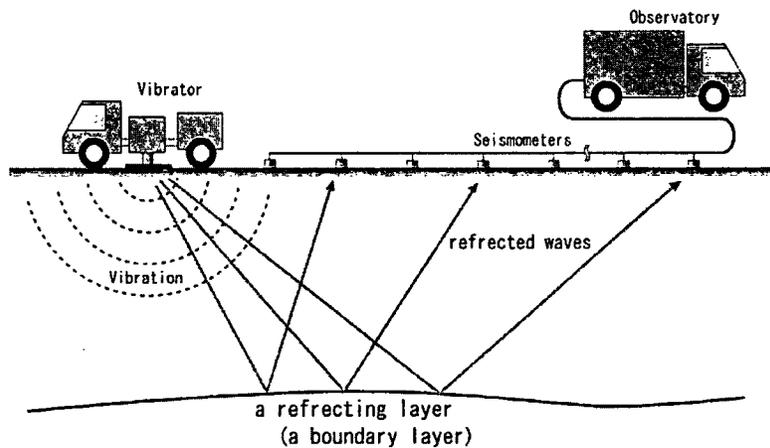
1.2 Geological Survey

Revised

Requirement for most updated technique and more detailed survey in the vicinity of the site

In-land

Seismic profiling by controlled seismic source



Seismic Profiling

Off-shore

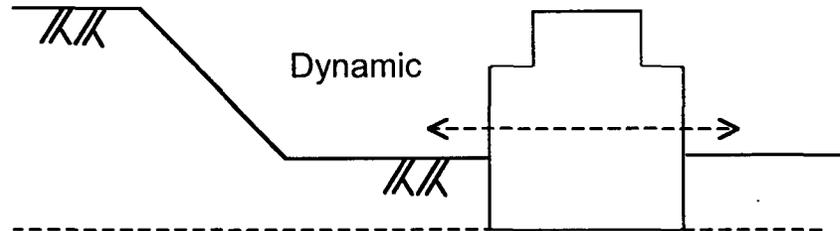
Supersonic wave survey

- Over 10km beneath the sea bottom can be searchable now

1.3 Consideration of Vertical Seismic Force

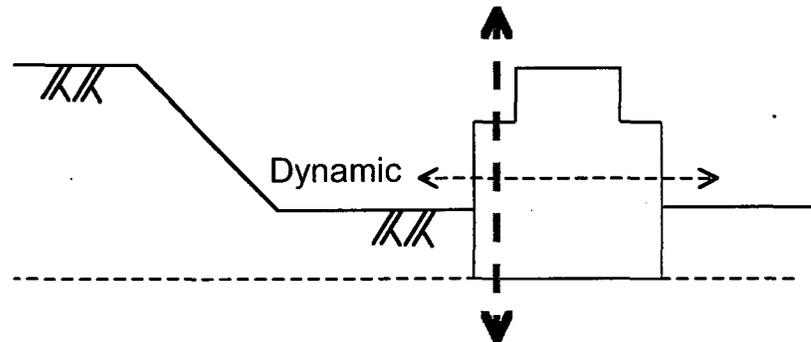
Before

Consider Vertical Seismic Force as $\frac{1}{2}$ as Horizontal, statically

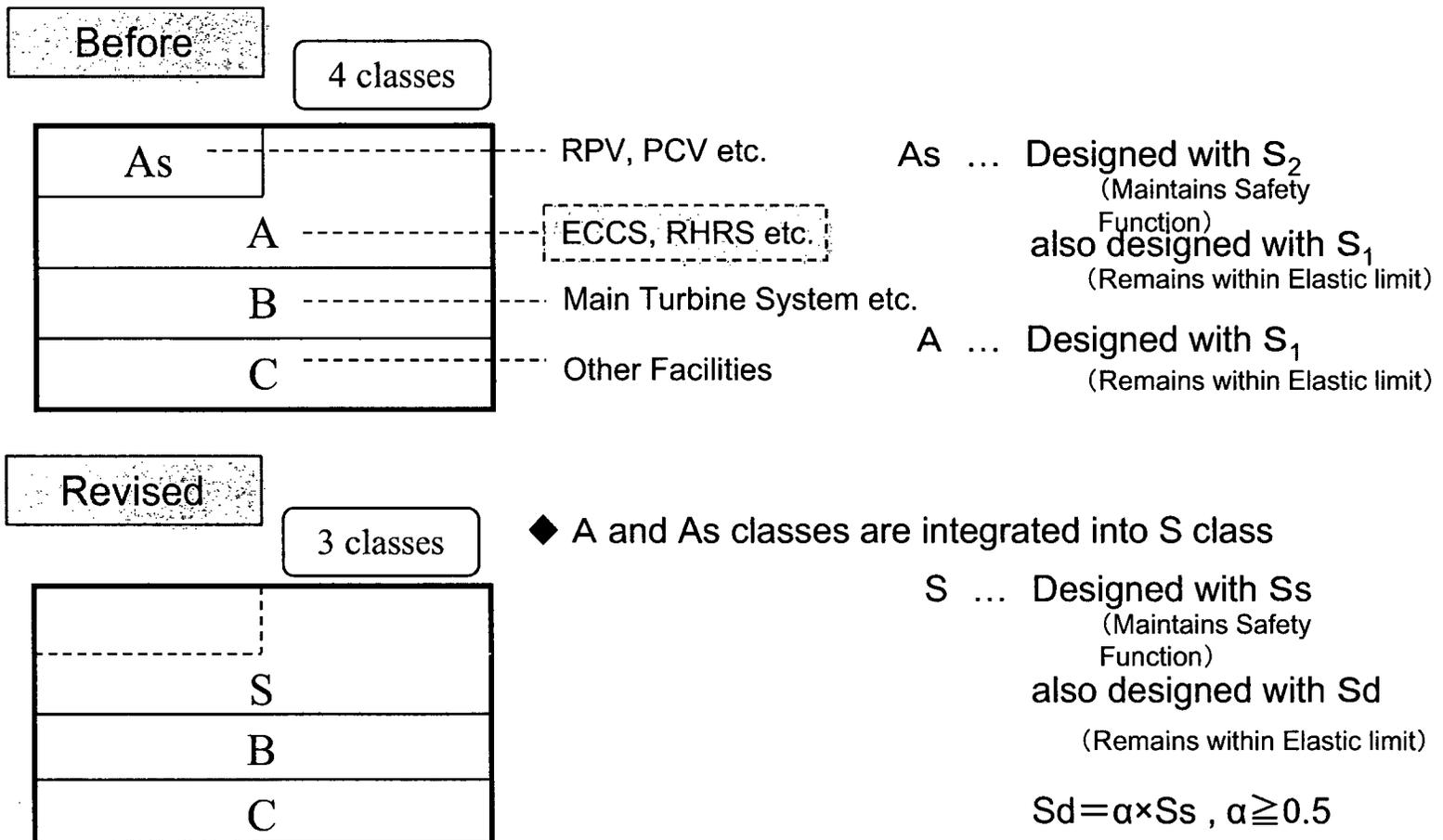


Revised

Consider Both Horizontal and Vertical Seismic Force dynamically



2. Seismic Classification



Aseismic classification and seismic force

Before

★ Total of four classifications of A, B, C class, and still more important As class.



| PRESENT | | Example of Major facilities | |
|---|---------------------|--|---|
| Seismic force | Aseismic importance | BWR | PWR |
| Basic earthquake ground motion S 2 | As | <ul style="list-style-type: none"> • Containment Vessel • Control Rod • Residual Heat Removal System • Emergency Diesel Generator • Reactor Pressure Vessel etc | <ul style="list-style-type: none"> • Containment Vessel • Control Rod • Residual Heat Removal System • Emergency Diesel Generator • Reactor Vessel etc |
| Basic earthquake ground motion S1 or 3.0Cl either large | A | <ul style="list-style-type: none"> • Emergency Core Cooling System etc | <ul style="list-style-type: none"> • Safety injecting System etc |
| Seismic force of 1.5Cl (Note 5) | B | <ul style="list-style-type: none"> • Waste Disposal System • Turbine equipment (Note 5) etc | <ul style="list-style-type: none"> • Waste Disposal System etc |
| Seismic force of 1.0Cl | C | <ul style="list-style-type: none"> • Main Generator etc | <ul style="list-style-type: none"> • Main Generator • Turbine equipment (Note 5) etc |

(Note 5) Cl: Story shear coefficient to Static force required by civil code for non-nuclear structure

(Note 6) Although turbine equipment is classified into C class according to a functional classification, turbine equipment of BWR is B class



Total of three classifications of S, B, and C class.
(Present As and A class were unified and it considered as S class.)

It is changed into a higher rank from the present classification.

| Example of Major facilities | | REVISED | |
|--|---|---------------------|--|
| BWR | PWR | Aseismic importance | Seismic force |
| <ul style="list-style-type: none"> • Containment Vessel • Control Rod • Residual Heat Removal System • Emergency Diesel Generator • Reactor Pressure Vessel <p style="text-align: right;">etc</p> | <ul style="list-style-type: none"> • Containment Vessel • Control Rod • Residual Heat Removal System • Emergency Diesel Generator • Reactor Vessel <p style="text-align: right;">etc</p> | S | <ul style="list-style-type: none"> • Horizontal seismic force and vertical seismic force (dynamic) due to the basic earthquake ground motion Ss are combined both in the unfavorable direction • Elastic design ground motion Sd or 3.0Cl either large |
| <ul style="list-style-type: none"> • Emergency Core Cooling System <p style="text-align: right;">etc</p> | <ul style="list-style-type: none"> • Safety injecting System <p style="text-align: right;">etc</p> | | |
| <ul style="list-style-type: none"> • Waste Disposal System • Turbine equipment(Note 5) <p style="text-align: right;">etc</p> | <ul style="list-style-type: none"> • Waste Disposal System <p style="text-align: right;">etc</p> | B | same as present |
| <ul style="list-style-type: none"> • Main Generator <p style="text-align: right;">etc</p> | <ul style="list-style-type: none"> • Main Generator • Turbine equipment(Note 5) <p style="text-align: right;">etc</p> | | |

Load combination and allowable limit

Before

★Load combination and allowable limit corresponding to four classifications



| PRESENT | | | Facilities |
|--|---|---------------------|------------------------|
| Allowable limit | Load combination | Aseismic importance | |
| (1) Capability fully deformation (margin of ductility) as a structure and appropriate safety margin to ultimate strength (2) Allowable stress based on a suitable standard and standard | (1) Basic earthquake ground motion S2 and normal load , etc (2) Either basic earthquake ground motion S 1 or static load and normal load , etc | As | Building/ Structure |
| Allowable stress based on a suitable standard and standard | Basic earthquake ground motion S 1 or static load and normal load , etc | A | |
| same as the above | static load and normal load , etc | B | |
| same as the above | same as the above | C | |
| (1) Even when the structure of a portion carries out plastic deformation fairly, excessive modification, a crack, breakage, etc. arise and the function of facility is not affected. (2) Yield stress or the allowable limit of equivalent safety | (1) Basic earthquake ground motion S2 and operating load ,etc (2) Basic earthquake ground motion S 1 or static load and operating load etc | As | Equipment/ piping |
| Yield stress or the allowable limit of equivalent safety | Basic earthquake ground motion S 1 or static load and operating load , etc | A | |
| Allowable stress based on a suitable standard and standard | Static load and operating load ,etc | B | |
| same as the above | same as the above | C | |

★ Load combination and allowable limit corresponding to three classifications

| Facilities | REVISED | | |
|------------------------|---------------------|---|--|
| | Aseismic importance | Load combination | Allowable limit |
| Building/ Structure | S | (1) Basic earthquake ground motion S_s and normal load, etc (2) Elastic design ground motion S_d or static load and normal load, etc | same as present |
| | B | same as present | same as present |
| | C | | |
| Equipment/ piping | S | (1) Basic earthquake ground motion S_s and operating load, etc (2) Elastic design ground motion S_d or static load and operating load, etc | (1) Stress analysis is same as the present. (2) The check of active component to basic earthquake ground motion S_s is based on comparison with the acceleration using the actual probed examination, etc |
| | B | same as present | same as present |
| | C | | |

3. Consideration to the phenomena accompanying earthquake

Before

★The concrete demand is not described

The demand to the natural disaster of a landslide, tsunami or high tide, and others is specified independently.

Revised

★Followings should be taken into account in the seismic design

- (1) Influence of the safety function on the facilities by collapse of a circumference slope
- (2) Influence of the safety function on the facilities by tsunami

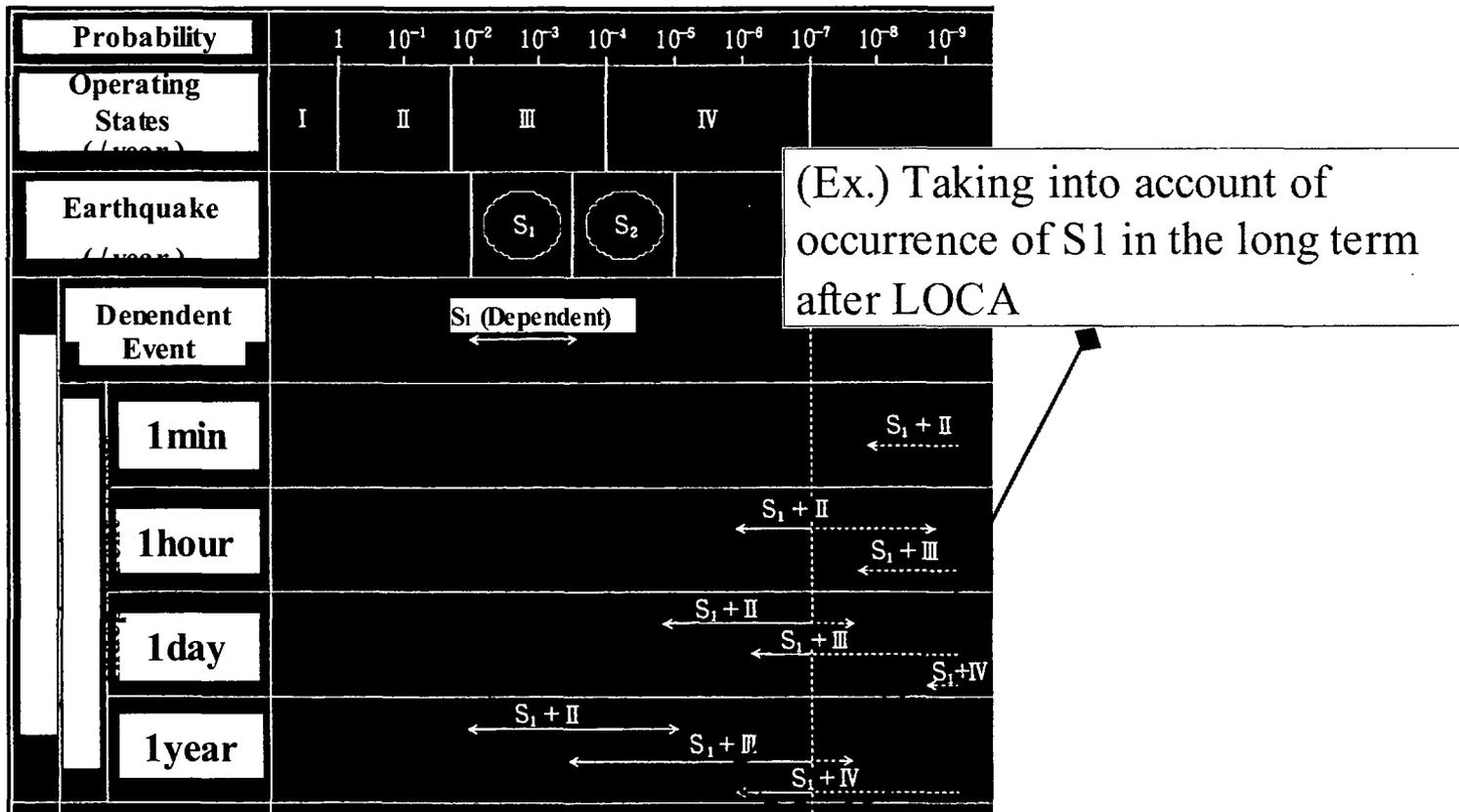
| | | |
|---|---|---|
| The maximum height of tsunami + The water level at the time of high water | ⇒ | - Height of installation of plant - Water proof design of facilities or equipment etc |
| The minimum water level of tsunami | ⇒ | - Management by the design of facilities or equipment etc |

Ⅲ. Comparison the point of seismic design
practice
between **Japan and USA**

Here present Japan side

Outlines of Japanese Practice (Based on JEAG 4601)

1. Load combinations and allowable stress limits



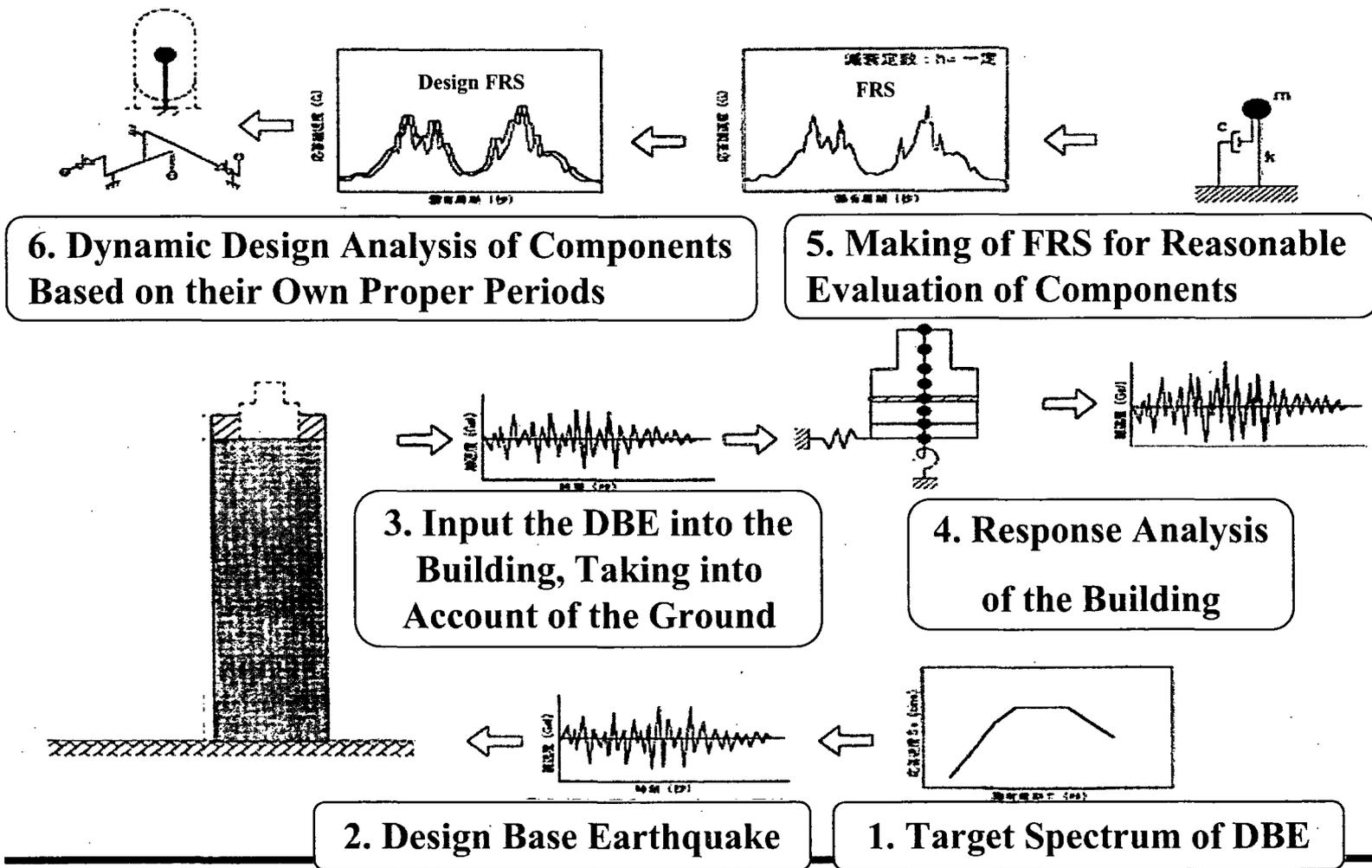
Operating states and earthquakes are combined as above, considering probability of earthquakes and probability and duration of accidents.

Allowable Stress of Piping (Type 1)

| Allowable stress state | Stress Class | | |
|------------------------|--|-------------------------------|--------------------------------------|
| | Primary stress (including bending stress) | Primary + Secondary stress | Primary + Secondary + Peak stress |
| III_{AS} | 2.25 S_m | 3 S_m | Fatigue usage factor ≤ 1.0 |
| IV_{AS} | 3 S_m | | |

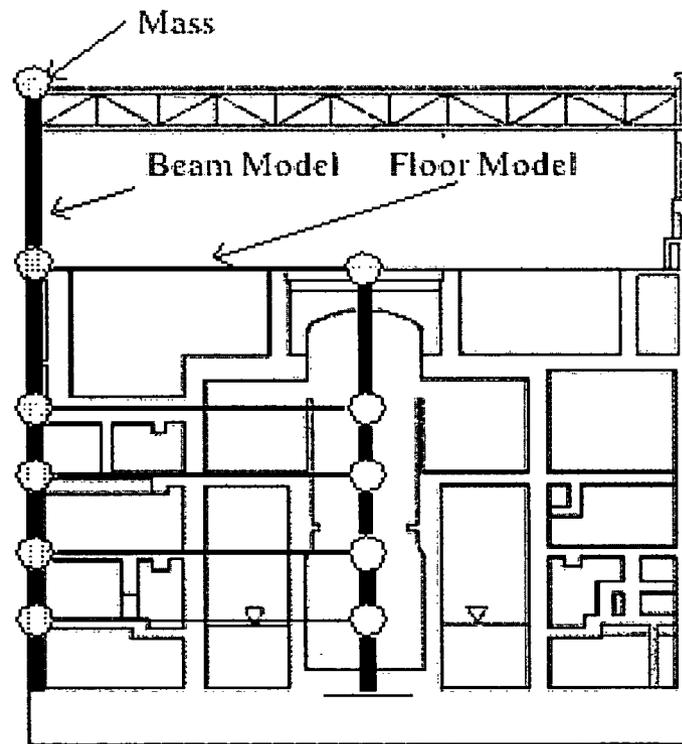
$S_1 (\text{III}_{AS}) , S_2 (\text{IV}_{AS})$

2.1 Spectrum Modal Analysis



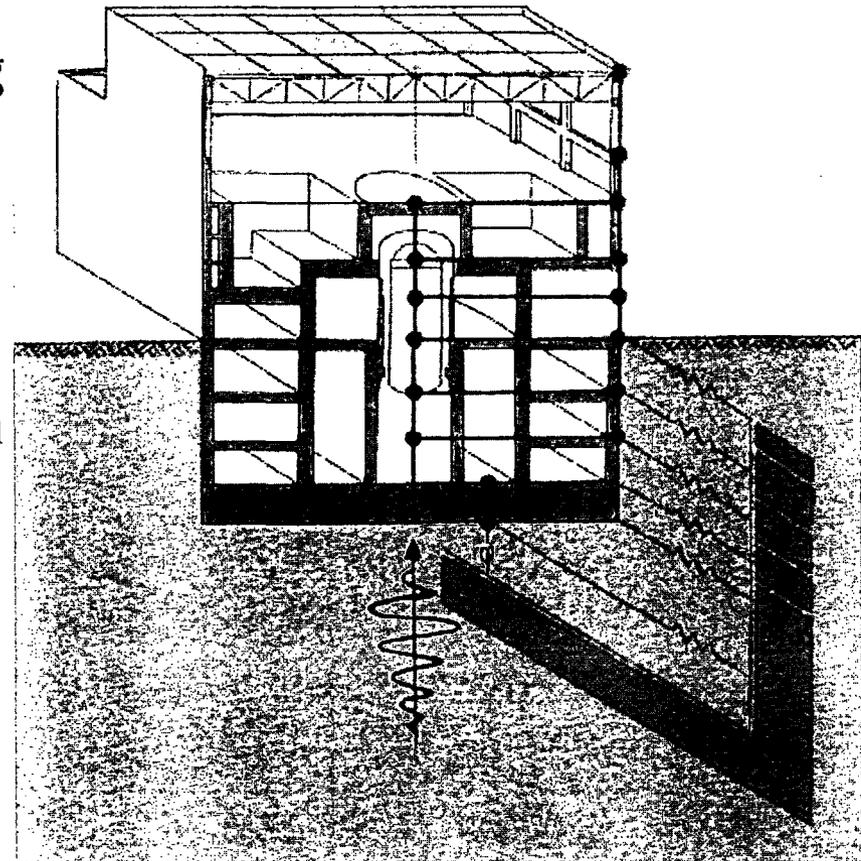
2.1.1 Structures

- ◆ **Shear-Beam Modeling of Building**
- **Consolidates each mass of each facility and building structure to the floor Level**
- **Evaluate Stiffness of Column & Bearing-Wall against Bending-Moment & Shear Force**

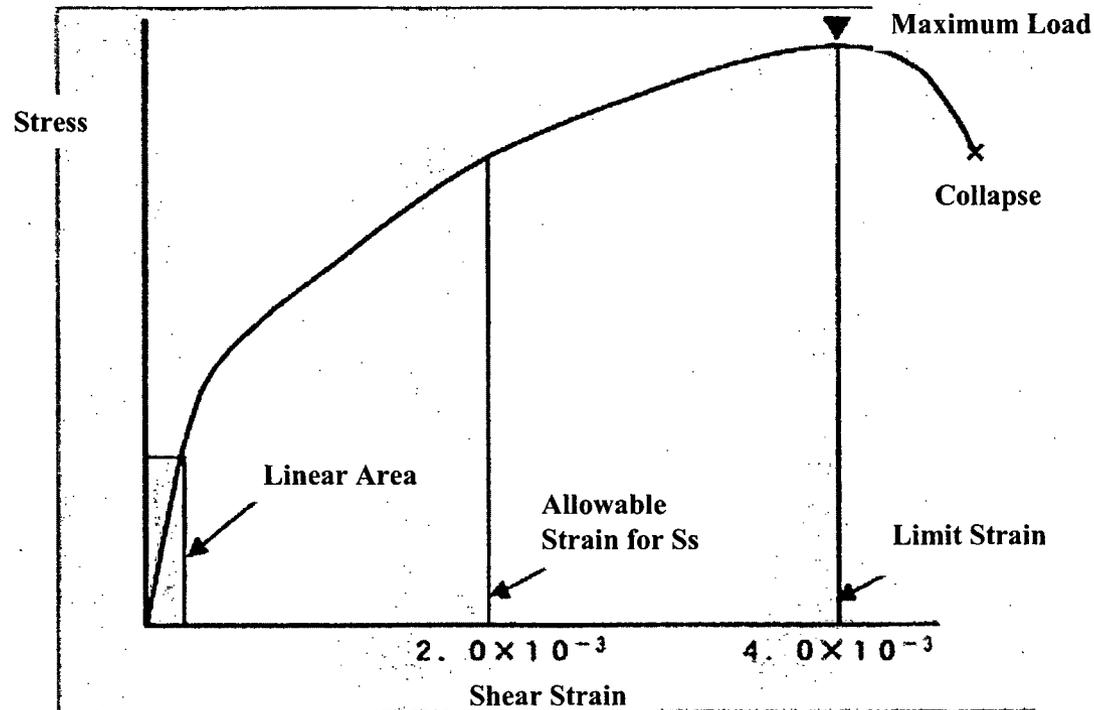


◆ **Response Analysis of Building**

- **Modeling of Building**
- **Input Ground-Motion from Analysis of Soil**
- **Evaluate Response of Each Floor**



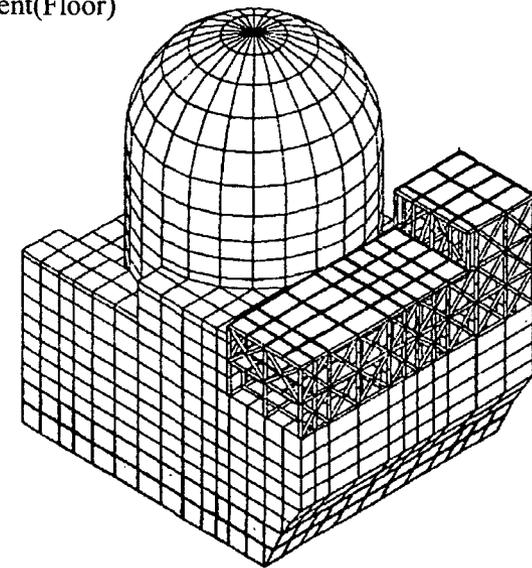
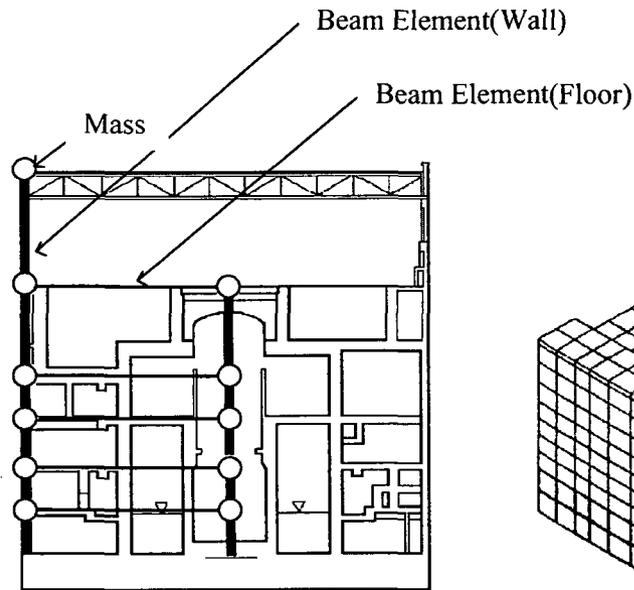
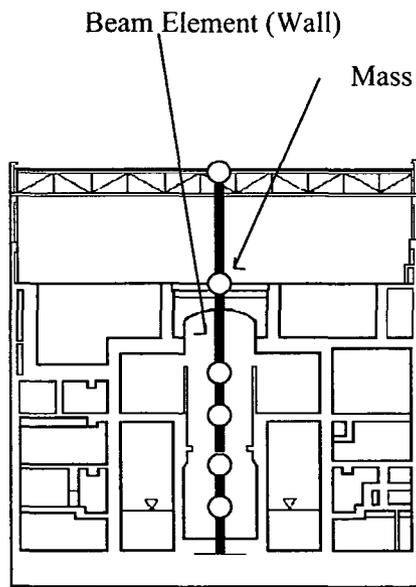
- Stress must be below allowable stress
- Deformation must be below allowable deformation
- Shear strain must be below allowable strain for Ss



◆ Structures Model

■ Mass-Stiffness Modeling

■ FEM Modeling



Mass-Stiffness Model

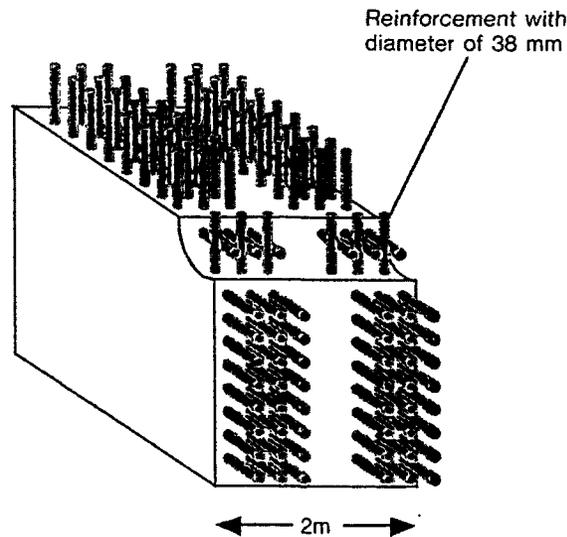
3-D FEM Model

◆ Structures design result

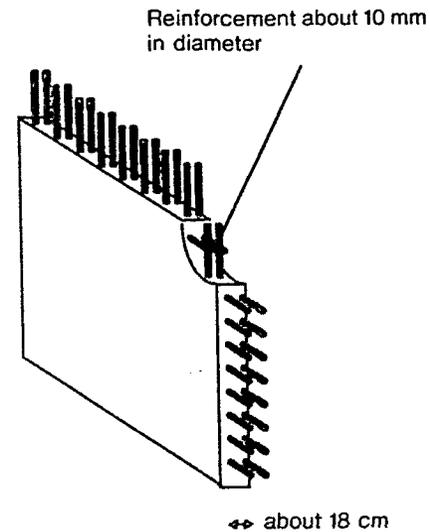
| Japan | USA |
|---|----------|
| <p>▪ Occasionally, static force $3C_i$ * (for As,A Building) is dominant</p> <p>* 3 times larger than civil code for general structure</p> | <p>?</p> |

▪ Structures - Wall

- The walls of NPPs', arranged in a well-balanced manner, are about 10 times as thick as those of general buildings.
- Reinforcement have a far large diameter than that of general buildings, and is arranged more densely.



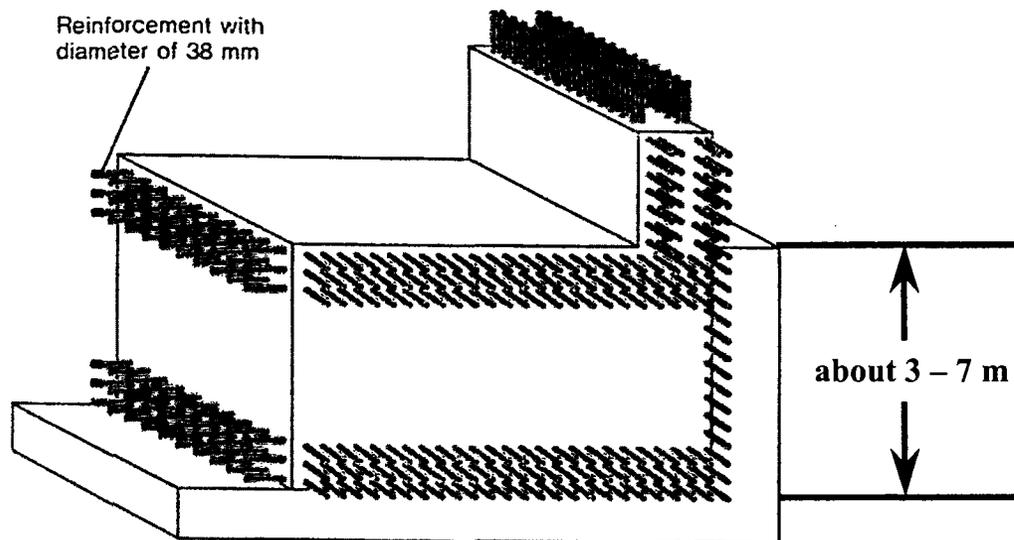
Wall of a Nuclear Power Plant



An Example of a General Building Wall

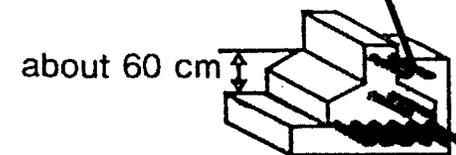
▪ Structures - Base mat

The NPPs have strong foundation slabs 3 – 7 meters thick to withstand a great seismic force.



Foundation Slab of a Nuclear Power Plant

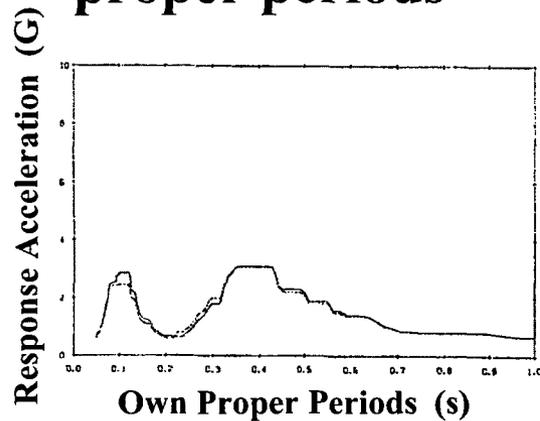
Reinforcement about 16 mm in diameter



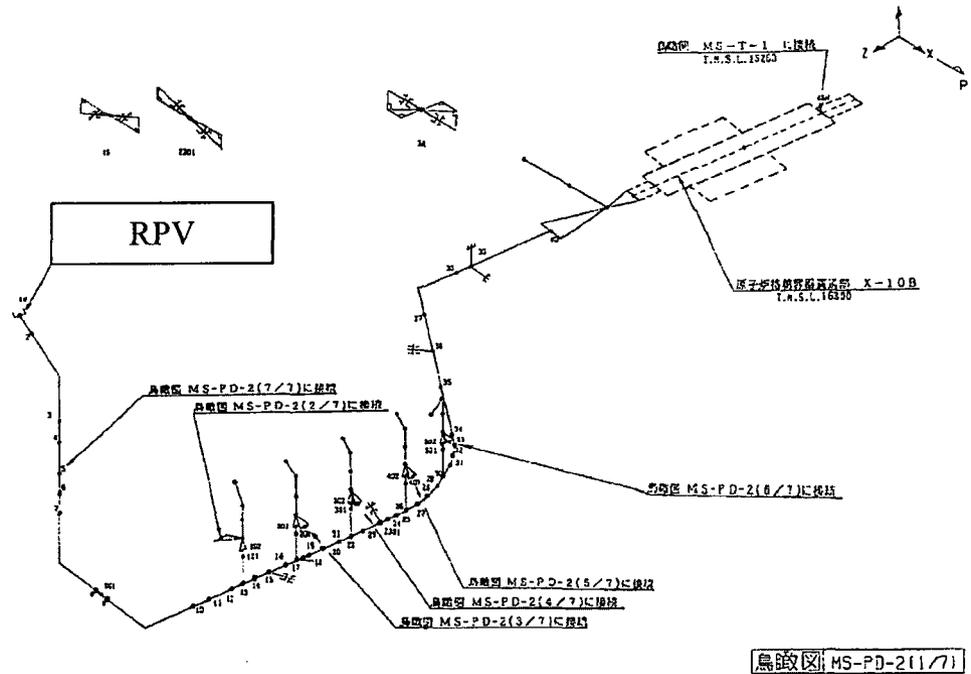
An Example of a General Building Foundation Slab

2.1.2 Piping Systems

Dynamic Design Analysis of equipments based on their own proper periods



Input



Allowable Stress

ex.

Allowable stress state III_AS : 2.25Sm

Allowable stress state IV_AS : 3Sm

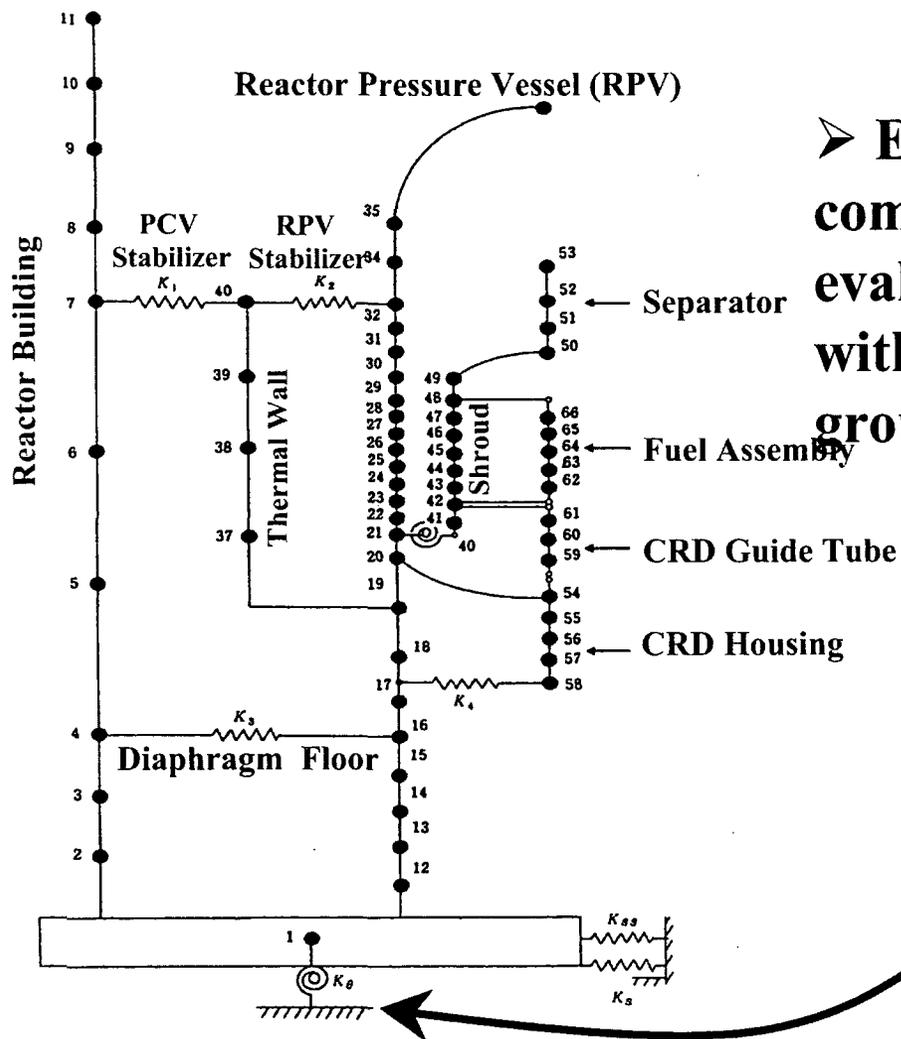
Evaluation

Response Stress < Allowable Stress

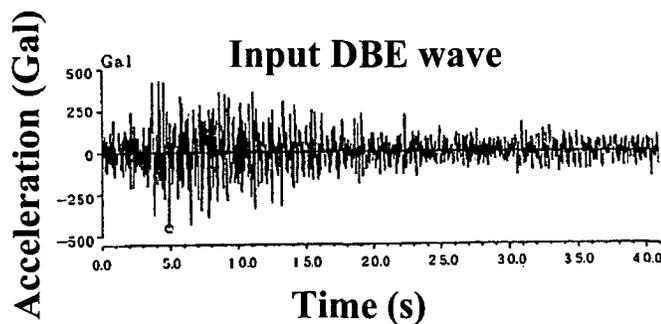
◆ Design floor response spectrum, Damping Factor

| Japan | USA |
|--|--|
| <p>Design floor response spectrum:</p> <p>10% Peak Broadening to absorb model or analysis uncertainty</p> | <p>?</p> |
| <p>Damping Factor</p> <p>JEAG4601</p> <ul style="list-style-type: none"> ▪ piping 0.5~2.5 % ▪ welded structure 1.0 ▪ bolt, rivet fixture 2.0 ▪ PCCV 3.0 ▪ reinforced concrete 5.0 | <p>RG1.61</p> <ul style="list-style-type: none"> ▪ variable according to stress level |

2.2 Time Historical Analysis for major facilities



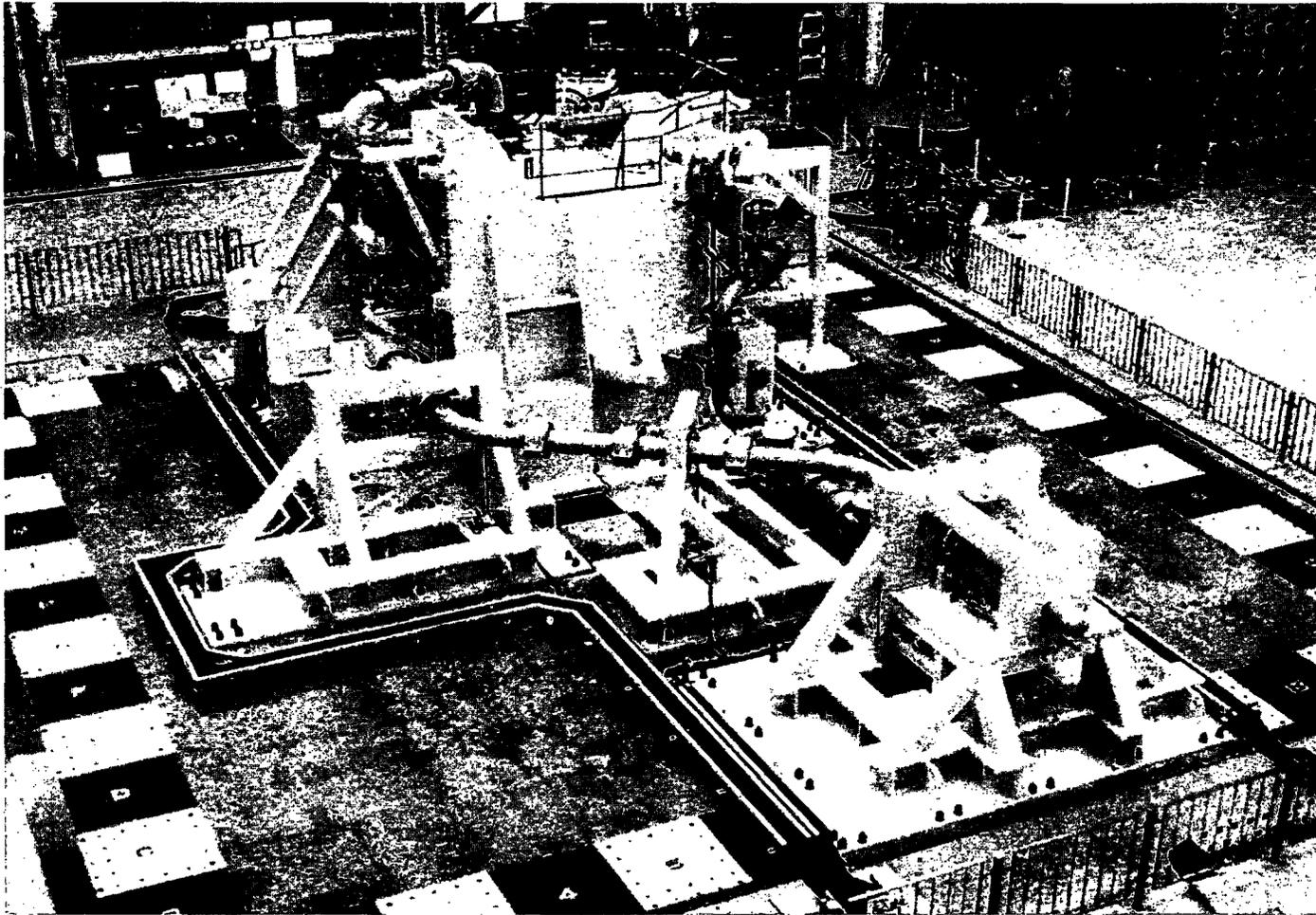
➤ Earthquake responses of some components around reactor are evaluated as a coupled system with the building and the ground.



◆ Piping and component support design

| Japan | USA |
|---|-----------------------------------|
| <ul style="list-style-type: none"> ▪ Support for hot piping and component; <ul style="list-style-type: none"> ▪ Mechanical snubber or Oil snubber usually adopted ▪ Energy absorbing support like Lead Damper will be adopted for APWR <p>(Code prepared and verification test finished)</p> | <p>Sticking problem resolved?</p> |

◆ Main Steam & Feed Water Piping System
with Energy Absorbing Support



scale : 1/2.5

maximum input motion : $2.5S_2$

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[Inside This Issue:]

- ** Japanese nuclear plant still without cooling after earthquake, radiation increases
 - ** Areva, Rolls-Royce sign cooperation deal
 - ** NRC monitoring Diablo Canyon after tsunami warning
 - ** State challenges could derail Vermont Yankee's continued operation
 - ** Honeywell fined more than \$12 million
 - ** US reactor report
-
-
-

*** Japanese nuclear plant still without cooling after earthquake, radiation increases

Tokyo Electric Power Co. was still trying to restore power by press time to

YK/2

restart the cooling system
at a nuclear power plant shut after a record earthquake struck the country's
northeastern region March
11.

According to statements by the Japanese Nuclear and Industrial Safety
Agency, Tepco has brought three
to four mobile power generators to the Fukushima Daiichi nuclear power
plant. An agency update, issued
at 4:30 am March 12 local time, said workers were connecting cables to the
generators.

Tepco said in a statement 6 am local time March 12 that it has detected
radiation levels higher than
normal at the plant.

In an earlier statement, Tepco said it will take measures to relieve
pressure in the reactor containment
vessels for some units at the plant "in order to fully secure safety." It
did not name the units.

NISA said the containment pressure at unit 1 may have reached more than
double the designed maximum
level.

Pressure relief will release "slightly radioactive vapor," Taro Ishida, US
spokesman for the Federation
of Electric Power Companies of Japan, said in a March 11 statement.

Fukushima Daiichi-1, -2 and -3 shut automatically after an 8.9 magnitude
earthquake struck. Tepco reported
that emergency diesel generators stopped working and left the reactors with
no power for cooling. The
company said the government has ordered thousands of residents living in a
10-km (6.2-mile) radius of
the plant to evacuate.

The other three units at the plant were already shut down for inspection
when the earthquake hit.

Another eight reactors along the same coastline also shut automatically
after the earthquake, Ishida
said.

*** Areva, Rolls-Royce sign cooperation deal

Areva and Rolls-Royce have signed an industrial cooperation agreement for
the British company to supply
key components to the first third-generation nuclear reactors to be built in
the UK.

The agreement was signed March 11 at the Royal Academy of Engineering in
London by Areva CEO Anne Lauvergeon
and John Rose, chief executive of Rolls-Royce.

"The agreement will cover three areas of cooperation with Rolls-Royce.
Firstly, manufacturing work
on high precision long-lead components for the European pressurized water
reactors," Lauvergeon said
at the signing ceremony. She added that "as the nuclear renaissance takes
off around the world, we will
join forces in global nuclear projects in areas like engineering,
manufacturing, the supply chain and
training. And, lastly, our cooperation will extend to waste management
projects."

Lawrie Haynes, president of Rolls-Royce Nuclear, said at a press briefing
following the ceremony that
the UK company has a nuclear supply chain of 270 companies.

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NRC said in a statement that day that senior officials at NRC headquarters in Rockville, Maryland continue to follow events related to the 8.9 magnitude earthquake that occurred off Japan's eastern coast and subsequent tsunami.

NRC began monitoring Diablo Canyon when Pacific Gas & Electric issued a notice of an unusual event at 4:23 am EST March 11 after receiving a tsunami warning from the West California Emergency Management Agency. The warning will remain in effect until local, county and state emergency agencies lift it, PG&E spokesman Paul Flake said in an interview that evening.

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A tsunami advisory was issued to Southern California Edison's San Onofre plant, on the California coast about 250 miles south of Diablo Canyon. San Onofre's two 1,127-MW reactors operated at 100% and 98% power March 11. SCE said in a statement that as a precautionary measure, SCE personnel have been placed on standby in coastal areas.

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*** State challenges could derail Vermont Yankee's continued operation

NRC expects to issue a 20-year renewal of Vermont Yankee's operating license March 15 or 16, but legal issues within the state could preclude the plant from operating beyond the March 2012 expiration of its current license, a regulatory and environmental attorney said March 11.

"Entergy signed an agreement with the state in 2002 when it acquired the plant [from a consortium of local electric utilities] in which Entergy said it will leave it up to the Vermont Legislature to vote to approve the public convenience certificate" needed for the reactor to operate beyond March 2012, Pat Parenteau, a Vermont Law School professor, said in a March 11 interview.

Parenteau said Entergy could file a lawsuit asking a federal court to invalidate the 2002 agreement, contending the 1954 Atomic Energy Act prohibits states "from regulating

health and safety aspects of nuclear power plant operations." The US Supreme Court upheld that interpretation in 1983 but also affirmed states can deny permits for reactor operations if they "believe there are better and more cost effective ways of providing energy," he said.

NRC Chairman Gregory Jaczko said March 10 after the commission dismissed the final challenges to the plant's license renewal that issuance of state operating permits required for power plants, and issues related to generator reliability, are "all in the purview of the state."

Entergy said in November it was seeking a buyer for Vermont Yankee. Entergy spokesman Michael Burns said March 9 he could not comment on a potential sale, citing "the confidential nature of the process."

*** Honeywell fined more than \$12 million

Honeywell must pay more than \$12 million in fines after pleading guilty March 11 to a felony offense for knowingly storing hazardous chemical waste without a permit at its Metropolis, Illinois uranium conversion facility, the US Department of Justice said in a March 11 statement.

The company will pay an \$11.8 million federal fine and a separate \$690,000 fine to the state of Illinois, Justice said. The company will also have to implement a \$200,000 household hazardous waste collection and disposal program for Metropolis.

Honeywell said in a statement March 11 that it reported the permitting violation "to the appropriate regulatory agency" in 2006 and said it will pay the fine and implement the environmental projects that are conditions of the probation. Honeywell also said no injuries or environmental impact resulted from the violation.

Justice said Honeywell failed in 2002 to obtain the necessary permit to store potassium hydroxide mud, which results from the scrubbing of air emissions from the UF6 conversion process, and did not obtain and comply with a proper permit until March 2010. Justice said that in 2009, US Environmental Protection Agency special agents executed a search warrant and found "nearly 7,500 illegally stored drums containing waste that was both hazardous and radioactive."

The case was heard in federal district court in Benton, Illinois .

*** US reactor report

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Nuclear News Flashes

Friday, Mar 11, 2011

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[Inside This Issue:]

** Japanese nuclear plant still without cooling after earthquake, radiation increases

** Areva, Rolls-Royce sign cooperation deal

** NRC monitoring Diablo Canyon after tsunami warning

** State challenges could derail Vermont Yankee's continued operation

** Honeywell fined more than \$12 million

** US reactor report

*** Japanese nuclear plant still without cooling after earthquake, radiation increases

Tokyo Electric Power Co. was still trying to restore power by press time to restart the cooling system at a nuclear power plant shut after a record earthquake struck the country's northeastern region March 11.

According to statements by the Japanese Nuclear and Industrial Safety Agency, Tepco has brought three to four mobile power generators to the Fukushima Daiichi nuclear power plant. An agency update, issued at 4:30 am March 12 local time, said workers were connecting cables to the generators.

Tepco said in a statement 6 am local time March 12 that it has detected radiation levels higher than normal at the plant.

In an earlier statement, Tepco said it will take measures to relieve pressure in the reactor containment vessels for some units at the plant "in order to fully secure safety." It did not name the units.

NISA said the containment pressure at unit 1 may have reached more than double the designed maximum level.

Pressure relief will release "slightly radioactive vapor," Taro Ishida, US spokesman for the Federation of Electric Power Companies of Japan, said in a March 11 statement.

Fukushima Daiichi-1, -2 and -3 shut automatically after an 8.9 magnitude earthquake struck. Tepco reported that emergency diesel generators stopped working and left the reactors with no power for cooling. The company said the government has ordered thousands of residents living in a 10-km (6.2-mile) radius of the plant to evacuate.

The other three units at the plant were already shut down for inspection when the earthquake hit.

Another eight reactors along the same coastline also shut automatically after the earthquake, Ishida said.

*** Areva, Rolls-Royce sign cooperation deal

Areva and Rolls-Royce have signed an industrial cooperation agreement for the British company to supply key components to the first third-generation nuclear reactors to be built in the UK.

The agreement was signed March 11 at the Royal Academy of Engineering in London by Areva CEO Anne Lauvergeon and John Rose, chief executive of Rolls-Royce.

"The agreement will cover three areas of cooperation with Rolls-Royce. Firstly, manufacturing work on high precision long-lead components for the European pressurized water reactors," Lauvergeon said at the signing ceremony. She added that "as the nuclear renaissance takes off around the world, we will join forces in global nuclear projects in areas like engineering, manufacturing, the supply chain and training. And, lastly, our cooperation will extend to waste management projects."

Lawrie Haynes, president of Rolls-Royce Nuclear, said at a press briefing following the ceremony that the UK company has a nuclear supply chain of 270 companies.

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| Asia Pacific |
| Tel: +65-6530-6430 |

From: [Collins, Elmo](#)
To: [Virgilio, Martin](#)
Cc: [Satorius, Mark](#); [Dean, Bill](#); [McCree, Victor](#)
Subject: Fw: more bad news from japan
Date: Friday, March 11, 2011 8:00:38 PM

Marty in case you have not seen

Elmo

From: Dorothy Collins Andreas <dottielynn99@gmail.com>
To: Collins, Elmo
Sent: Fri Mar 11 18:42:51 2011
Subject: more bad news from japan

http://www3.nhk.or.jp/daily/english/12_27.html

The Tokyo Electric Company has warned the Japanese government of an emergency situation at a second nuclear plant in quake-stricken Fukushima Prefecture.

Tokyo Electric issued the warning about its Fukushima Number Two Plant on Saturday. The warning follows one earlier in the day for the Number One Plant.

The government's Nuclear and Industrial Safety Agency said equipment failures have made it impossible to cool 3 of the plant's 4 reactors. It said the situation poses no immediate threat of a leakage of radioactive materials.

The agency is considering whether it needs to issue an evacuation advisory to people living near the plant.

Saturday, March 12, 2011 08:18 +0900 (JST)

YY/3

From: E&E Publishing, LLC
To: [Virgilio, Martin](#)
Subject: March 11 -- E&ENews PM is ready
Date: Friday, March 11, 2011 5:41:03 PM

E&ENews PM



AN E&E PUBLISHING SERVICE

E&ENEWS PM -- FRI., MARCH 11, 2011 -- [Read the full edition](#)

1. **CONTINUING RESOLUTION: New House GOP proposal includes another \$6B in cuts**

House Republicans introduced this afternoon a three-week continuing resolution (CR) to fund the government that includes an additional \$6 billion in spending cuts, including \$238 million from U.S. EPA. The current measure to fund the government expires March 18. The new measure, House Joint Resolution 48, would run through April 8 and ensure that the government does not shut down while the House and Senate continue to debate on a resolution that would fund the government for the rest of the fiscal year.

THIS AFTERNOON'S STORIES

2. **JAPAN QUAKE:** Aftershocks continue, death toll rises, waves wash four to sea in Calif.
3. **JAPAN QUAKE:** Utility to 'vent' troubled plant in bid to relieve pressure
4. **POLITICS:** Amid partisan bickering, Obama calls for consensus energy solution
5. **WATER POLLUTION:** Fla. Democrat asks EPA to suspend his state's new discharge limits
6. **ENERGY POLICY:** Co-sponsor of EPA-reg bill doesn't blame agency for high gas prices
7. **POLITICS:** Does Rand Paul believe environmental regulations work?
8. **FOREST SERVICE:** House chairman blasts amendment to halt agency's OHV planning
9. **FOREST SERVICE:** Chief warns budget impasse could affect wildfire planning
10. **HIGH-SPEED RAIL:** White House program has 'credibility' problem -- Mica
11. **JAPAN QUAKE:** Tsunami warning doesn't deter energy operations on

yy/4

U.S. West Coast

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From: OPA Resource
To: Ash, Darren; Barkley, Richard; Batkin, Joshua; Bell, Hubert; Belmore, Nancy; Bergman, Thomas; Bollwerk, Paul; Bonaccorso, Amy; Borchardt, Bill; Bozin, Sunny; Brenner, Eliot; Brock, Terry; Brown, Boris; Bubar, Patrice; Burnell, Scott; Burns, Stephen; Carpenter, Cynthia; Chandrathil, Prema; Clark, Theresa; Collins, Elmo; Couret, Ivonne; Crawford, Carrie; Cutler, Iris; Dacus, Eugene; Dapas, Marc; Davis, Roger; Dean, Bill; Decker, David; Dricks, Victor; Droggitis, Spiros; Florv, Shirley; Franovich, Mike; Gibbs, Catina; Haney, Catherine; Hannah, Roger; Harbuck, Craig; Harrington, Holly; Hasan, Nasreen; Hayden, Elizabeth; Holahan, Gary; Holahan, Patricia; Holian, Brian; Jacobssen, Patricia; Jaczko, Gregory; Jasinski, Robert; Jenkins, Verlyn; Johnson, Michael; Jones, Andrea; Kock, Andrea; Kotzalas, Margie; Ledford, Joey; Lee, Samson; Leeds, Eric; Lepre, Janet; Lew, David; Lewis, Antoinette; Loyd, Susan; Magwood, William; McCrary, Cheryl; McGrady-Finneran, Patricia; McIntyre, David; Mensah, Tanya; Mitlyng, Viktoria; Monninger, John; Montes, David; Nieh, Ho; Ordaz, Vonna; Ostendorff, William; Owen, Lucy; Powell, Amy; Quesenberry, Jeannette; Reddick, Darani; Regan, Christopher; Reyes, Luis; Riddick, Nicole; RidsSecyMailCenter Resource; Riley (OCA), Timothy; Rohrer, Shirley; Samuel, Olive; Satorius, Mark; Schaaf, Robert; Schmidt, Rebecca; Scott, Catherine; Screnci, Diane; Shaffer, Vered; Shane, Raeann; Sharkey, Jeffry; Sheehan, Neil; Sheron, Brian; Siurano-Perez, Osiris; Steger (Tucci), Christine; Svinicki, Kristine; Tabatabai, Omid; Tannenbaum, Anita; Taylor, Renee; Temp, WDM; Thomas, Ann; Uhle, Jennifer; Uselding, Lara; Vietti-Cook, Annette; Virgilio, Martin; Virgilio, Rosetta; Walker-Smith, Antoinette; Weaver, Doug; Weber, Michael; Weil, Jenny; Werner, Greg; Wiggins, Jim; Williams, Evelyn; Zimmerman, Roy; Zorn, Jason
Subject: Press Release: NRC Continues to Track Earthquake and Tsunami Issues
Date: Friday, March 11, 2011 4:26:03 PM
Attachments: 11-043.docx

The attached to be issued and posted in approximately 15 minutes.

Office of Public Affairs
US Nuclear Regulatory Commission
301-415-8200
opa.resource@nrc.gov

YY/5



NRC NEWS

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Blog: <http://public-blog.nrc-gateway.gov>

No. 11-043

March 11, 2011

NRC CONTINUES TO TRACK EARTHQUAKE AND TSUNAMI ISSUES

Senior officials at U.S. Nuclear Regulatory Commission headquarters in Rockville, Md., are following events related to the Japanese earthquake and subsequent tsunami. In addition, the agency's regional office in Arlington, Texas, will continue to monitor the Diablo Canyon Power Plant's handling of a notice of unusual event (NOUE) at the site, near San Luis Obispo, Calif., for the duration of the event.

"We offer our condolences to all those in Japan affected by these tragedies," said NRC Chairman Gregory Jaczko. "The NRC is ready to provide whatever assistance we can to our Japanese counterparts, should there be a specific request. We're closely coordinating with other federal agencies."

Friday's tsunami warning, issued after an estimated 8.9 magnitude earthquake occurred off the eastern Japanese coast, prompted Pacific Gas and Electric Co. (PG&E), operator of the Diablo Canyon two-reactor plant, to declare a precautionary NOUE at 4:23 a.m. EST Friday. PG&E has reported both reactors have remained online throughout the event. While PG&E has reported only minor tsunami-related effects, the plant is well-protected against tsunami conditions as required by NRC regulations. NRC staff at the plant are keeping track of the plant's response during the event and remain in close contact with plant operators.

Nuclear power plants are built to withstand environmental hazards, including earthquakes and tsunamis. Even those plants that are located outside of areas with extensive seismic activity are designed for safety in the event of such a natural disaster. The NRC requires that safety-significant structures, systems, and components be designed to take into account the most severe natural phenomena historically reported for the site and surrounding area.

In addition to the Diablo Canyon plant, the NRC is following events at the San Onofre nuclear power plant, the Humboldt Bay spent fuel storage site and NRC-regulated nuclear materials sites in Hawaii and Alaska to name a few. Personnel at all those sites have informed the NRC conditions remain safe.

###

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From: [The Washington Post](#)
To: [Virgilio Martin](#)
Subject: Today's Headlines: Afternoon Edition
Date: Friday, March 11, 2011 2:38:40 PM

If you have trouble viewing this email, [click here](#).



Most Viewed Articles on washingtonpost.com

1) Wis. won the battle but not the war, unions say

Wisconsin Gov. Scott Walker won his drive to strip the state's government workers of nearly all of their collective-bargaining rights Thursday, after a three-week standoff that brought tens of thousands of protesters to the Capitol.



2) Japan quake, tsunami said to kill hundreds little impact on Hawaii, other islands

HIROSHIMA, JAPAN - A powerful tsunami triggered by a massive earthquake devastated the northeast coast of Japan on Friday, leaving hundreds dead and launching waves that threatened coastlines as far east as California.

3) Google search guru visits D.C. on anti-search regulation tour

Google search engine guru Matt Cutts met with members of the Federal Trade Commission and staff on Capitol Hill this week to argue why the firm opposes federal rules on Internet search results.

4) White House slams CBS on blog post about Kagan's sexuality

The White House ripped CBS News on Thursday for publishing an online column by a blogger who made assertions about the sexual orientation of Solicitor General Elena Kagan, widely viewed as a leading candidate for the Supreme Court.

5) Digging through the destruction

PORT-AU-PRINCE, HAITI -- Desperate Haitians clawed at the rubble of their ruined capital for a second day Thursday, retrieving their dead and rescuing the living, as an international armada of ships and aircraft struggled to provide food, water, medicine and shelter.

6) Thomas Boswell: The Caps are hot - and maybe at just the right time

You couldn't erase the looks of pleasure and relief that swept across the faces of the Capitals this week. They'd finally gotten to enjoy a laugh, stomping the sad Edmonton Oilers, 5-0, for their sixth straight win.

7) Saudi Arabia seems quiet on planned 'Day of Rage'

QATIF, SAUDI ARABIA - The "Day of Rage" planned by critics of the Saudi Arabian government may have turned into a day of rest on Friday, with quiet streets in the eastern city of Qatif one day after police fired on protesters there, and peaceful demonstrations outside the town.

8) Tsunami waves hit Hawaii after devastating Japan earthquake

March 11 (Bloomberg) -- The tsunami that slammed Japan hit Hawaii early today, and waves were spreading as people along the island chain's coast evacuated and warnings were issued for U.S. West Coast states.

9) At U.N., Clinton rallies for more women's opportunities worldwide

UNITED NATIONS -- Secretary of State Hillary Rodham Clinton told government delegates and activists here Friday that violence against women remains a "global pandemic" and that their "subjugation" constitutes "a threat to the national security of the United States."

10) Japan: The 'Big One' hit, but not where they thought it would

Japanese geologists have long forecast a huge earthquake along a major fault line southwest of Tokyo. But now the nation's largest

YY/16

earthquake has hit, and it's 231 miles northeast of Tokyo - 80 miles east of the city of Sendai, off the coast of Honshu, Japan's largest island.

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From: E&E Publishing, LLC
To: Virgilio, Martin
Subject: March 11 -- Greenwire is ready
Date: Friday, March 11, 2011 1:37:36 PM

Greenwire



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GREENWIRE -- FRI., MARCH 11, 2011 -- [Read the full edition](#)

1. **JAPAN QUAKE:** Huge earthquake, tsunami kill hundreds in Japan; waves hit U.S. West Coast

The death toll in Japan began creeping into the hundreds and Hawaii, Alaska and most of the U.S. West Coast remained under a tsunami warning after a massive earthquake struck off the east coast of Honshu, Japan. The U.S. Geological Survey said the 8.9 magnitude quake struck 230 miles northeast of Tokyo and 80 miles east of Sendai, Japan, just before 1 a.m. President Obama opened a previously scheduled press conference on energy issues this afternoon by offering condolences to those affected by the disaster.

JAPAN EARTHQUAKE

2. **NUCLEAR:** Emergency declaration at nuclear plant forces thousands to evacuate
3. **NOAA:** Third U.S. tsunami center may be headed to Puerto Rico

TOP STORIES

4. **POLITICS:** Obama, API spar over gasoline prices, oil production
5. **CLIMATE:** House EPA bill would force U.S. consumers to waste oil -- Jackson
6. **LOBBYING:** U.S. Chamber begins push to limit environmental reviews of energy projects

CONGRESS

7. **SENATE:** Bill aims to boost domestic energy, especially ethanol
8. **HOUSE:** Resources panel opens new investigative office

CLIMATE CHANGE

9. **DEFENSE:** Climate change opens gaps for Navy operations

YY/T

ENERGY

10. **NATURAL GAS:** FERC probes gas, grid interplay in Southwest outages
11. **SMART GRID:** Calif. to let customers opt out of smart metering
12. **BIOFUELS:** Alt-fuel hopefuls make plays for oil companies' cash
13. **NATURAL GAS:** Mexico, Canada eye imports of U.S. shale gas
14. **COAL:** Wyo. court dismisses Sierra Club claims against coal-to-gas plant

AIR AND WATER

15. **AIR POLLUTION:** Updated EPA assessment shows declining toxic emissions
16. **WATER POLLUTION:** Planned Pa. suit aims to halt discharges of Marcellus waste
17. **OCEANS:** Small fish ingesting plastic waste -- study
18. **OCEANS:** 1 million fish died in a night, but cleanup could take a week

NATURAL RESOURCES

19. **MINING:** Ariz. permits rile environmentalists
20. **WILDLIFE:** Judge denies request to stop Yellowstone bison slaughter

HEALTH AND SAFETY

21. **GULF SPILL:** Evaporating oil likely posed a health threat -- study

WASTES & HAZARDOUS SUBSTANCES

22. **CHEMICALS:** Organic fertilizer maker indicted on fraud charges

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From: [Weber, Michael](#)
To: [Virgilio, Martin](#); [Ash, Darren](#)
Cc: [Merzke, Daniel](#)
Subject: FYI - Earthquake/Tsunami in Tokyo
Date: Friday, March 11, 2011 7:41:13 AM

Fascinating videos

From: Mamish, Nader
Sent: Friday, March 11, 2011 7:11 AM
To: Weber, Michael
Subject: FW: Earthquake/Tsunami in Tokyo

From: Shaffer, Mark R [<mailto:ShafferMr@state.gov>]
Sent: Friday, March 11, 2011 3:54 AM
To: Schwartzman, Jennifer; Mamish, Nader
Subject: FW: Earthquake/Tsunami in Tokyo

FYI, there was an 8.9-magnitude earthquake 231 miles north of Tokyo that triggered several tsunamis. The power plants were shut down and the story is still developing.

<http://www.cnn.com/2011/WORLD/asiapcf/03/11/japan.quake/index.html?hpt=T1&ieref=BN1>

This email is UNCLASSIFIED.

yy/8

From: [Leeds, Eric](#)
To: [Sheron, Brian](#); [Weber, Michael](#); [Virgilio, Martin](#)
Cc: [Grobe, Jack](#)
Subject: RE: Japanese Earthquake
Date: Friday, March 11, 2011 7:43:35 AM

Thanks, Brian. We'll be calling into the conference call today at 8 am

Eric J. Leeds, Director
Office of Nuclear Reactor Regulation
U.S. Nuclear Regulatory Commission
301-415-1270

-----Original Message-----

From: Sheron, Brian
Sent: Friday, March 11, 2011 7:13 AM
To: Weber, Michael; Virgilio, Martin
Cc: Leeds, Eric; Grobe, Jack
Subject: FW: Japanese Earthquake
Importance: High

FYI.

-----Original Message-----

From: Richards, Stuart
Sent: Friday, March 11, 2011 6:36 AM
To: Hogan, Rosemary; Kammerer, Annie; Murphy, Andrew
Cc: Sheron, Brian; Case, Michael; Uhle, Jennifer
Subject: Japanese Earthquake
Importance: High

Rosemary/Annie/Andy

I'm sure you have heard about the 8.9 earthquake off the coast of Japan.

It resulted in a large tsunami on the Japanese coast. There is a report of problems at a Japanese nuclear plant.

We should be prepared to brief on our tsunami research. Maybe also seismic.

Additionally the tsunami wave is predicted to hit the coast of California in a few hours. Although the news reports that no damage is expected, we may be called on to comment on the impact on San Onofre and Diablo Canyon.

Thanks
Stu

YY/9

From: Bubar, Patrice
To: Virgilio, Martin
Subject: RE: Any impacts from earthquake?
Date: Friday, March 11, 2011 8:59:00 AM

Thank you

Patty Bubar
Chief of Staff
Office of Commissioner William D. Magwood
U.S. Nuclear Regulatory Commission
301-415-1895

From: Virgilio, Martin
Sent: Friday, March 11, 2011 8:56 AM
To: Bubar, Patrice
Subject: Re: Any impacts from earthquake?

Patty

While the agency remains in the normal mode we are engaged with the licensee for Diablo and FEMA. The licensee will shutdown the facility if it appears there would be local impacts

Marty

From: Bubar, Patrice
To: Leeds, Eric; Virgilio, Martin; Brenner, Eliot
Sent: Fri Mar 11 08:18:53 2011
Subject: Any impacts from earthquake?

Are any preparations ongoing on the west coast due to earthquake?

Patty Bubar
Chief of Staff
Office of Commissioner William D. Magwood
U.S. Nuclear Regulatory Commission
301-415-1895

YY/10

From: Brenner, Eliot
To: Weber, Michael; Jaczko, Gregory
Cc: Batkin, Joshua; Mamish, Nader; Virgilio, Martin; Collins, Elmo; Leeds, Eric
Subject: RE: Federal and public communication
Date: Friday, March 11, 2011 9:42:11 AM

Our talking points are distributed for use agencywide, and there is a government-wide communicators conference call in a few minutes that OPA will monitor.

-----Original Message-----

From: Weber, Michael
Sent: Friday, March 11, 2011 9:41 AM
To: Jaczko, Gregory; Brenner, Eliot
Cc: Batkin, Joshua; Mamish, Nader; Virgilio, Martin; Collins, Elmo; Leeds, Eric
Subject: Response - Federal and public communication

We're on it. I'm in the Ops Center. We have completed Federal agency notifications and are coordinating with the NRCC.

----- Original Message -----

From: Jaczko, Gregory
To: Weber, Michael; Brenner, Eliot
Cc: Batkin, Joshua
Sent: Fri Mar 11 09:25:49 2011
Subject: Federal and public communication

I would like a written update by 10 for the status of us licensees and our best and accurate info for japan that could be distributed to public and fed family. Also I need a 1 page set of talking points with the most important points as soon as possible.

Thanks

4/4/11

From: Jaczko, Gregory
To: Weber, Michael; Brenner, Eliot
Cc: Batkin, Joshua; Mamish, Nader; Virgilio, Martin; Collins, Elmo; Leeds, Eric
Subject: Re: Response - Federal and public communication
Date: Friday, March 11, 2011 9:57:20 AM

Good. Please make sure to send me copies of the written docs as well

----- Original Message -----

From: Weber, Michael
To: Jaczko, Gregory; Brenner, Eliot
Cc: Batkin, Joshua; Mamish, Nader; Virgilio, Martin; Collins, Elmo; Leeds, Eric
Sent: Fri Mar 11 09:41:15 2011
Subject: Response - Federal and public communication

We're on it. I'm in the Ops Center. We have completed Federal agency notifications and are coordinating with the NRCC.

----- Original Message -----

From: Jaczko, Gregory
To: Weber, Michael; Brenner, Eliot
Cc: Batkin, Joshua
Sent: Fri Mar 11 09:25:49 2011
Subject: Federal and public communication

I would like a written update by 10 for the status of us licensees and our best and accurate info for japan that could be distributed to public and fed family. Also I need a 1 page set of talking points with the most important points as soon as possible.

Thanks

44/12

From: NEI SmartBrief
To: Virgilio, Martin
Subject: March 11, 2011 - NRC to extend operating license of Vermont Yankee plant
Date: Friday, March 11, 2011 10:29:02 AM

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MARCH 11, 2011

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News Roundup



▪ **NRC to extend operating license of Vermont Yankee plant**

The Nuclear Regulatory Commission will renew Entergy's operating license for the Vermont Yankee nuclear plant within a "matter of days," Chairman Gregory Jaczko said. The NRC sustained an Atomic Safety Licensing Board decision that dismissed an environmental group's challenge to the extension. "We believe Entergy, through the exhaustive review that we've done for license renewal, meets all of our requirements and standards needed to be able to operate for another 20 years," Jaczko said. [Bloomberg](#) (3/10)

▪ **No leaks reported after Japanese earthquake**

The massive earthquake today in Japan caused a disruption to the cooling system at a nuclear power plant, prompting the Japanese government to declare a state of emergency at the station. No leaks were reported at any of Japan's reactors. "Parts of nuclear plants were automatically shut down but we haven't confirmed any effects induced by radioactive materials outside the facilities," says Prime Minister Naoto Kan. [The Guardian \(London\)](#) (3/11)

▪ **[Learn more about the status of affected Japanese reactors from NEI](#)**

▪ **Idaho county officials reject appeal against nuclear developer**

Commissioners in Payette County, Idaho, rejected a petition challenging Alternate Energy Holdings' plans to develop a nuclear facility there. "I consider the decision a big win for AEHI as it confirms the company's ability to move forward with the zoning approval process needed to build a nuclear power plant in Payette County, Idaho," said Don Gillispie, CEO of AEHI.

[Argus Observer \(Ontario, Ore.\)](#) (3/10)

▪ **Recycling used nuclear fuel has its benefits**



Reprocessing presents an opportunity to salvage essential energy value from used nuclear fuel while also curbing the radiotoxicity of high-level nuclear waste, writes Rolf Westgard, a member of the American Nuclear Society and the Geological Society of America. France has successfully demonstrated it can recycle most of its used fuel, and it's time the U.S. did the same, Westgard argues. [Star](#)

[Tribune \(Minneapolis-St. Paul, Minn.\)](#) (3/10)



The latest ExxonMobil Sustainability Case Study provides an in-depth analysis of Exxon's current sustainability efforts and the impact this has on the rest of its upstream/downstream businesses. [Learn more here.](#)

Policy Watch



▪ **Nuclear plant would benefit Missouri, lawmaker says**

44/13

Missouri should construct a nuclear facility so it can obtain cost-effective electricity for many years, state Sen. Mike Kehoe said during a Senate committee hearing. Kehoe sponsored two measures that would allow utilities to recover from customers some of the costs of developing a plant. Nuclear offers the best choice for long-term energy generation, Kehoe added. [The Fulton Sun \(Mo.\) \(3/10\)](#)

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Management & Leadership

▪ **Former Microsoft exec says leaders can't wimp out in hiring**

Leaders have to be gutsy if they're going to generate efficiency and innovation, writes Bob Herbold, a former Microsoft executive and author of "What's Holding You Back: 10 Bold Steps that Define Gutsy Leaders." He suggests one of the keys is hiring top talent in key positions. "It sounds easy, but managers tend to fog this up. ... They worry too much about what others will think," Herbold writes. [ThoughtLeaders blog \(3/9\)](#)

▪ **Can you lead like a Girl Scout?**

Bosses are only as good as the values they model and instill in their organizations, says Frances Hesselbein, the former Girl Scouts of America CEO whom Peter Drucker once called "the world's best leader." "The bottom line is this: the best leaders, whether they are men or women, are successful because of what they share," she said. "They have a powerful sense of what the organization needs to do and an even more powerful sense of what they can do to help it get there." [MonsterThinking.com \(3/8\)](#)

Health care reform got you down? Learn more from UnitedHealthcare on how the federal changes to medical benefits will affect you and your employees. This [comprehensive guide](#) highlights incentives for enrollment and a timeline of important dates and deadlines. Don't let them pass you by—[Learn more here!](#)

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International

▪ **Areva confirms nuclear joint venture with Rolls-Royce**

France's Areva verified reports that it intends to establish a joint venture with Rolls-Royce for nuclear energy. "Areva will have a strategic industrial partnership with Rolls-Royce," a spokeswoman for Areva said. Under the terms, Rolls-Royce would provide components for Areva's third-generation European Pressurized Reactors. [The Wall Street Journal/Dow Jones Newswires \(3/11\)](#)

▪ **IAEA supports new fuel-supply strategy**

Member nations of the International Atomic Energy Agency voted in favor of a fuel-supply strategy that would help countries mitigate proliferation risks in their nuclear-development

programs. The plan "would not change or undermine a state's rights to develop nuclear energy for peaceful purposes ... in any way whatsoever," British envoy Simon Smith said.

[Reuters](#) (3/10)

▪ Other News

Official: U.S. suspends nuclear trade talks with Jordan

[Platts](#) (3/10)

SmartQuote



One of the things I learned the hard way was that it doesn't pay to get discouraged. Keeping busy and making optimism a way of life can restore your faith in yourself."

--**Lucille Ball,**

American actress and comedienne



This SmartBrief was created for MJV@NRC.GOV

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Lead Editor: [Bryan McBournie](#)

Mailing Address:

[SmartBrief, Inc.](#), 1100 H ST NW, Suite 1000,
Washington, DC 20005

From: Collins, Elmo
To: Virgilio, Martin; Leeds, Eric
Subject: Fyi only: Do you hear us now?
Date: Friday, March 11, 2011 10:35:17 AM

From one of our california stake holders

From: Rochelle <beckers@thegrid.net>
To: Coggins, Angela; Caniano, Roy; Vegel, Anton; Collins, Elmo
Sent: Fri Mar 11 09:24:32 2011
Subject: Do you hear us now?

This tragedy should not become an argument about whether nuclear plants on California's coast are safe - it should be an opportunity for NRC to be proactive in addressing California's concerns - allowing an additional twenty years of radioactive waste to be produced and left on our fragile coast just isn't in anyone's best interest.

In Peace

Rochelle Becker

Quake starts fire in Japan nuclear plant

11/03/2011 - 11:08:51

<http://www.breakingnews.ie/world/quake-starts-fire-in-japan-nuclear-plant-496826.html>

One of the biggest earthquakes ever recorded has triggered tsunami warnings across the Pacific ocean.

The 8.9 magnitude quake hit Japan sparking huge fires and creating a ten metre high wall of water that has smashed into the north east of the country.

The quake started a fire in a turbine building at nuclear power plant in north-eastern Japan, but the reactor building was reported to be secure.

Tohoku Electric Power said smoke was observed coming out of the building, which is separate from the reactor, and the cause was under investigation. The plant is in Miyagi prefecture.

The company said there have been no reports of radioactive leaks or injuries.

It is sweeping away everything in its path, including houses, ships, cars and farm buildings.

At least 32 people have been killed, but that number is expected to rise significantly.

Meanwhile, coastal regions across the Pacific are being evacuated.

4/4/14

The Red Cross warns the tsunami is higher than some islands.

Dozens of countries are under threat, including the US, Australia and Mexico.

The quake was the largest to hit Japan since records began 140 years ago.

It was followed by at least 19 aftershocks, most of them of more than magnitude 6.0. Dozens of cities and villages along the 1,300-mile stretch of the country's eastern shore were shaken by violent tremors.

"The earthquake has caused major damage in broad areas in northern Japan," Prime Minister Naoto Kan said.

Even for a country used to earthquakes, this one was of horrific proportions.

Large fishing boats and other sea vessels rode high waves into the cities, slamming against bridges. Uprturned and partially submerged vehicles were seen bobbing in the water.

Waves of muddy water swept over farmland near the city of Sendai, carrying buildings, some on fire, inland as cars attempted to drive away.

Sendai airport was inundated with vehicles and thick mud deposited over its runways. Fires spread through a section of the city.

The tsunami roared over embankments, washing cars, houses and farm equipment inland before reversing direction and carrying them out to sea. Flames shot from some of the houses, probably from burst gas pipes.

"Our initial assessment indicate that there has already been enormous damage," a government spokesman said. "We will make maximum relief effort based on that assessment."

He said the Defence Ministry was sending troops to the quake-hit region.

Japan's worst previous quake was in 1923 in Canto, an 8.3-magnitude shock that killed 143,000 people. A 7.2-magnitude quake in Kobe city in 1996 killed 6,400 people.

Several nuclear plants along the coast were partially shut down, but there were no reports of any radioactive leaks.

A large fire erupted at the Cosmo oil refinery in Ichihara city near Tokyo and was burning out of control with 100-foot flames whipping into the sky.

The US Geological Survey said the quake was the biggest to hit Japan since officials began keeping records in the late 1800s.

It struck at a depth of six miles, about 80 miles off the eastern coast.

In central Tokyo, 240 miles away, large buildings shook violently and workers poured into the street for safety.

The tremor bent the upper tip of the Tokyo Tower, a 1,093-foot steel structure inspired by the Eiffel Tower in Paris.

Trains were stopped and passengers walked along the tracks to platforms. More than four million buildings were without power in Tokyo and its suburbs.

Crowds waited at Tokyo's Shinjuku station, the world's busiest train station, for service to resume so they could go home. TV announcers urged workers not to leave their offices to prevent injuries in case of more strong aftershocks.

Osamu Akiya, 46, was working in Tokyo at his office in a trading company when the quake hit.

It sent bookshelves and computers crashing to the floor, and cracks appeared in the walls.

"I've been through many earthquakes, but I've never felt anything like this," he said. "I don't know if we'll be able to get home tonight."

Thirty minutes after the main quake, tall buildings were still swaying in Tokyo and mobile phone networks were not working. Japan's Coast Guard set up a task force and officials were standing by for emergency contingencies.

Tokyo's main airport was closed. A large section of the ceiling at the terminal at Ibaraki, about 50 miles outside Tokyo, collapsed.

Dozens of fires were reported in northern districts of Fukushima, Sendai, Iwate and Ibaraki. Collapsed homes and landslides were also reported in Miyagi.

Japan lies on the "Ring of Fire" – an arc of earthquake and volcanic zones stretching around the Pacific where about 90% of the world's quakes occur, including the one that triggered the December 26, 2004, Indian Ocean tsunami that killed an estimated 230,000 people in 12 nations.

A magnitude-8.8 tremor that shook central Chile last February also generated a tsunami and killed 524 people.

In Peace

Rochelle Becker, Executive Director
Alliance for Nuclear Responsibility
www.a4nr.org
PO 1328
San Luis Obispo, Ca 93406-1328

From: USATODAY.com
To: [Virgilio, Martin](#)
Subject: Daily Briefing from USATODAY.com - March 11
Date: Friday, March 11, 2011 7:35:55 AM

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4/4/15

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From: [Jackson, Gerard](#)
To: [Correia, Richard](#); [Layton, Michael](#); [Caldwell, Robert](#)
Cc: [Purdy, Gary](#)
Subject: Japan Update: Water levels at Fukushima; Onagawa fire extinguished
Date: Friday, March 11, 2011 1:12:01 PM

Sirs,
FYI
Status of Fukushima Nuclear Plant.

V/r
GAJ

Subject: Japan Update: Water levels at Fukushima; Onagawa fire extinguished

Update9: 3,000 Ordered To Evacuate Near Quake-hit Fukushima Nuclear Plant

Tokyo, March 12 Kyodo -- (EDS: ADDING FIRE EXTINGUISHED AT ONAGAWA PLANT) Japan declared a state of atomic power emergency Friday after the country, which has about 50 nuclear power reactors, was hit by a magnitude 8.8 earthquake, instructing around 3,000 residents near the Fukushima No. 1 plant to evacuate.

Top government spokesman Yukio Edano told an evening press conference, "We have a situation where one of the reactors (of the plant) cannot be cooled down." But the chief Cabinet secretary said the evacuation instruction was only precautionary.

Edano said, "No radiation has leaked outside the reactor. The incident poses no danger to the environment at the moment." He also said early Saturday in Tokyo the incident was under control.

The post-quake situation prompted the Vienna-based International Atomic Energy Agency to scramble for details from contacts in Japan's industry ministry, while saying in a statement that at least four nuclear power plants "closest to the quake have been safely shut down" after the 2:46 p.m. quake.

Tokyo Electric Power Co., the operator of the Fukushima plant, reported that the water level around fuel rods was falling in the reactor. Radioactive materials could be emitted if part of a fuel rod is exposed to the air.

But officials of the prefectural government dismissed the view that the plant is in a critical situation, saying the top of the water is 3.4 meters above the fuel rods at the troubled No. 2 reactor.

The evacuation advisory was issued for people living within a 3-kilometer radius of the plant, while those living within a 10-kilometer radius were asked to stay home, Edano said.

Prime Minister Naoto Kan declared the emergency, the first in the quake-prone country, so that authorities can easily implement emergency relief measures, Edano said. Defense Minister Toshimi Kitazawa ordered the Self-Defense Forces to act in response to the declaration.

The Defense Ministry dispatched a chemical corps of the Ground Self-Defense Force to the plant and Motohisa Ikeda, senior vice industry minister, also left for Fukushima by an SDF helicopter.

According to the industry ministry, a total of 11 nuclear reactors automatically shut down at the Onagawa plant, the Fukushima No. 1 and No. 2 plants and the Tokai No. 2 plant after the strongest recorded earthquake in the country's history.

YY / 16

A fire started at a building housing the turbine of the Onagawa plant in Miyagi at 3:30 p.m. but was put out before 11 p.m., the operator, Tohoku Electric Power Co., said, denying it had detected any signs of radiation leaks.

Water spilled from pools containing fuel rods at the Kashiwazaki-Kariwa plant on the Sea of Japan coast in Niigata Prefecture and the Onagawa plant, the operators said, saying they saw no signs suggesting radiation leaks.

From: Trapp, James
To: Merzke, Daniel
Subject: FW: Secretary Clinton video on supplying "coolant" to Japan
Date: Friday, March 11, 2011 1:57:00 PM

From: Williams, Shawn
Sent: Friday, March 11, 2011 1:52 PM
To: Trapp, James
Subject: FW: Secretary Clinton video on supplying "coolant" to Japan

From: Breskovic, Clarence
Sent: Friday, March 11, 2011 1:27 PM
To: Breskovic, Clarence
Subject: Secretary Clinton video on supplying "coolant" to Japan

<http://www.state.gov/video/?videoid=822755222001>

44/17

From: [Trapp, James](#)
To: [Barr, Steve](#)
Subject: Japan
Date: Friday, March 11, 2011 1:42:00 PM

Check out the TEPCO website – doesn't sound good.

44/18

From: [Trapp, James](#)
To: [Franovich, Mike](#)
Subject: Japan - recommend you look at the TEPCO website
Date: Friday, March 11, 2011 1:32:00 PM

<http://www.tepco.co.jp/en/press/corp-com/release/11031104-e.html>

44/19

From: [Trapp, James](#)
To: [Merzke, Daniel](#); [Bowman, Gregory](#); [Sanfilippo, Nathan](#); [Andersen, James](#)
Subject: FW: Chairman Briefing - Tsunami Impact - West Coast
Date: Friday, March 11, 2011 10:06:00 AM

As of 0946 the NRC upgraded its response to the Monitoring Mode.

From: Trapp, James
Sent: Friday, March 11, 2011 9:41 AM
To: Sanfilippo, Nathan; Weber, Michael; Howell, Linda; Pruett, Troy; Merzke, Daniel; HOO Hoc; Leeds, Eric; Gott, William; McDermott, Brian
Subject: Chairman Briefing - Tsunami Impact - West Coast

Mike – I discussed the Chairman’s request for a briefing with Region IV (Troy Pruett). The ETA for the tsunami to impact the west coast is ~ 1117 EST. Therefore, Region IV has requested, to allow some time for impact assessment, that the briefing be held at 1145 EST.

As discussed this morning, the HOO plans to setup an open bridge with Region IV at ~ 11EST that will remain open for the duration of the expected event. The open bridge would allow the Chairman an opportunity to monitor Agency response real time, if he desires.

If Diablo Canyon determines that a shutdown is prudent, this decision will be conveyed to all internal stakeholders expeditiously and may result in an adjustment to the proposed briefing schedule.

44/20

From: [Layton, Michael](#)
To: [Correia, Richard](#)
Subject: Status
Date: Friday, March 11, 2011 12:29:52 PM

Diablo experienced a 1-ft drop in sea level as the initial tsunami rarefraction hit the coast. They're anticipating a 3-ft rise over the next couple of hours. This is within the normal tidal bore.

All else is calm.

44/21

From: Coe, Doug
To: Drouin, Mary; Chokshi, Nilesh; Cheok, Michael; Harrison, Donnie; Ader, Charles; Mrowca, Lynn; Demoss, Gary
Cc: Coyne, Kevin
Subject: Response to NEI regarding PRA standards
Date: Friday, March 11, 2011 8:01:00 AM
Attachments: RE letter to NEI (response to mch-may 2010 NEI letters).docx.msg

Folks,

I appreciate all the inputs provided and the efforts to-date. I would like to work further with Gary and Mary on some of the language before presenting this letter to Rich Correia, who is expected to arrive in RES on March 28. Once Rich is comfortable with this, we'll send you the latest version for a look before we go into the formal concurrence process.

Thanks,

Doug

From: Drouin, Mary
Sent: Friday, March 04, 2011 3:29 PM
To: Chokshi, Nilesh; Cheok, Michael; Harrison, Donnie; Ader, Charles; Mrowca, Lynn; Coe, Doug; Demoss, Gary
Subject: RE: letter to NEI (response to mch-may 2010 NEI letters).docx

This version includes the comments provided by Nilesh.

From: Chokshi, Nilesh
Sent: Friday, March 04, 2011 1:29 PM
To: Drouin, Mary; Cheok, Michael; Harrison, Donnie; Ader, Charles; Mrowca, Lynn; Coe, Doug; Demoss, Gary
Subject: RE: letter to NEI (response to mch-may 2010 NEI letters).docx

Mary,

I suggest including language to the following effects:

The use of risk-informed approaches in the regulatory decisions has not come about just because of the NRC initiatives. The industry has very actively promoted and sought risk-informed approaches in both operating and new reactor applications for over 20 years. Examples include: risk-informed ISI, risk-informed categorization of structures, systems, and components, Pressurized Thermal Shock Rule, and promulgation of 50.46(a). In the new reactor arena, the industry specifically requested approval of risk-informed/performance-based to define site-specific design ground motion. Substantial basis for these and numerous other risk-informed initiatives and applications are risk assessments or applications of parts of PRA technology. In light of this and the fact that we have been doing PRAs for now some 30 years, some of your comments regarding maturity and need for pilot studies before standards can be finalized is puzzling and disturbing.

Like all other technologies, we expect that the PRA technology will also continue to evolve and improve as new knowledge and experience is gained. However, that does not mean that the methodology cannot be used today, and must await 10 years worth of study before a standard can be developed.

YY/22

We suggest continuing with the ASME/ANS standard publication processes in a normal fashion with appropriate diligence.

Nilesh

From: Drouin, Mary

Sent: Friday, March 04, 2011 12:45 PM

To: Cheok, Michael; Harrison, Donnie; Ader, Charles; Mrowca, Lynn; Chokshi, Nilesh; Coe, Doug; Demoss, Gary

Subject: letter to NEI (response to mch-may 2010 NEI letters).docx

Importance: High

The attached letter is the latest version we are proposing and planning on putting into concurrence. It does include comments provided by Donnie (Donnie, I accepted all your comments).

Tks, mary

Attachment RE letter to NEI (response to mch-may 2010 NEI.msg (2560 Bytes) cannot be converted to PDF format.

From: Jackson, Gerard
To: Correia, Richard
Subject: FW: Japan initiates emergency protocol after earthquake
Date: Friday, March 11, 2011 7:54:24 AM

Run down of NPP action in Japan

V/r

Gerry Jackson
301-415-7644
NSIR/DSP/MWISB

Japan initiates emergency protocol after earthquake

11 March 2011

Nuclear Engineering International

Onagawa, Fukushima Daiichi, Fukushima Daini and Tokai nuclear power stations have automatically shut down following a magnitude 8.8 earthquake off the northeast coast of the largest island of Japan, Honshu.

All four operating plants on that coast have automatically shut down, or SCRAMmed, according to Japan Atomic Information Forum (JAIF). Higashidori 1, which is also located on Honshu's northeast coast, was shut down for a periodic inspection.

The earthquake struck at 2:45pm local time. A 6:45 pm local time report from the Japan Nuclear and Industrial Safety Agency contained more information of damage and other problems in a site-by-site report.

-A C02 fire has broken out at Onagawa nuclear power station.

-Utility TEPCO has requested the establishment of a nuclear emergency response programme for Fukushima Daiichi 1&3 and Fukushima Daini 1.

JAIF reported that Fukushima Daiichi 1, 2 and 3 automatically shut down; units 4, 5 and 6 were in maintenance outages. Fukushima Daini 1, 2, 3 and 4 automatically shut down.

JAIF has reported that TEPCO sent the emergency report because emergency diesel generators at the two sites are out of order. It said that there is no report that the radiation was detected out of the site. It said that an emergency headquarters has been set up and will issue information hourly.

JAIF also reported that the Rokkasho reprocessing facility was being powered by emergency diesel generators. No other unusual events or radiation leaks have been reported. Nuclear power stations at Hamaoka, Kashiwazaki-Kariwa and Tomari are continuing normal operation, according to JAIF.

44/23

After an accident occurs at a nuclear power plant, the licensee must notify the national Nuclear and Industrial Safety Agency by law.

A minister in its controlling organisation, the Ministry of Economy, Trade and Industry, notifies the prime minister's office. The central nuclear emergency response headquarters (NERHQ) of the national government issues a nuclear emergency declaration, which also includes instructions about preventative measures. It receives technical advice from the Nuclear Safety Commission. The NERHQ sends a specialist and the NSC sends a commissioner to the site.

After the emergency declaration is received, the local office of the national government's NERHQ arranges prevention measures based on factors including facility information, climate and monitoring.

Nuclear emergency response operations are coordinated in one of 20 so-called off-site centres spread across Japan, which are close to, but not inside, nuclear facilities. The off-site centre's role is to be the main centre of information, incident analysis, and emergency plan organisation and direction. Two or three senior specialists for nuclear emergency preparedness work in each OFC. In normal conditions, the specialists work as nuclear power safety inspectors, checking plant operation from the viewpoint of regulation. During an emergency, the specialists organize prevention measures as a secretariat and report it to a joint council for nuclear emergency response. The joint council includes not only the local office of the national government's NERHQ and the senior specialists, but also representatives of the Nuclear Safety Commission and prefectural and municipal NERHQs.

The joint council devises instructions to residents for evacuation and/or sheltering. It also instructs the emergency services and coast guard, self-defence force, Japan Nuclear Energy Safety Organisation (JNES), the National Institute of Radiological Sciences, the Japan Atomic Energy Agency, and other bodies.

JNES has constructed a dedicated high-speed network system connecting the 20 off-site centres and other agencies called Emergency Preparedness Response Network (EPRNet). It includes video conferencing systems, e-mail, telephone, fax, and connections to a meteorological information service, a plant information collection, diagnosis, prognosis and analytical prediction tool (called ERSS), and an emergency environmental dose prediction tool (called SPEEDI).

From: Jackson, Gerard
To: Correia, Richard
Subject: PG&E Corp (PCG.N) declared an "unusual event" at the Diablo Canyon nuclear power plant
Date: Friday, March 11, 2011 8:50:44 AM

FYI

NEW YORK, March 11 (Reuters) - PG&E Corp (PCG.N) declared an "unusual event" at the Diablo Canyon nuclear power plant in California due to a tsunami warning, which is a normal operating procedure, a spokesman at the NRC told Reuters Friday.

The tsunami warning followed the massive earthquake and tsunami off the coast of Japan.

NRC spokesman Scott Burnell said there was nothing wrong with the plant, but a tsunami warning is something that requires the plant to issue an unusual event.

The same thing would happen if, for instance, there was a twister in the general area or an earthquake in Mexico. It merely puts plant workers on alert to prepare for the unusual.

Both reactors at Diablo Canyon were operating normally and at full capacity.

Burnell said the reactors were designed to deal with the big wave expected to reach California later Friday.

The NRC also said Edison International's (EIX.N) San Onofre nuclear plant was monitoring the tsunami but was only under a tsunami watch.

Diablo is located in the middle of the Californian coast, about halfway between Los Angeles and San Francisco.

San Onofre is on the Southern California coast between Los Angeles and San Diego. (Reporting by Scott DiSavino; Editing by John Picinich)

V/r

Gerry Jackson
301-415-7644
NSIR/DSP/MWISB

From: Correia, Richard
Sent: Friday, March 11, 2011 8:46 AM
To: Jackson, Gerard
Subject: Re: Japan initiates emergency protocol after earthquake

Thx Gerry. Sounds like the Japanese emergency response system is similar to the US's. They get a lot more real life events than we do too.

Rich Correia, Director
Division of Security Policy
NSIR

44/24

From: Jackson, Gerard
To: Correia, Richard
Sent: Fri Mar 11 07:54:23 2011
Subject: FW: Japan initiates emergency protocol after earthquake

Run down of NPP action in Japan

V/r
Gerry Jackson
301-415-7644
NSIR/DSP/MWISB

Japan initiates emergency protocol after earthquake

11 March 2011

Nuclear Engineering International

Onagawa, Fukushima Daiichi, Fukushima Daini and Tokai nuclear power stations have automatically shut down following a magnitude 8.8 earthquake off the northeast coast of the largest island of Japan, Honshu.

All four operating plants on that coast have automatically shut down, or SCRAMmed, according to Japan Atomic Information Forum (JAIF). Higashidori 1, which is also located on Honshu's northeast coast, was shut down for a periodic inspection.

The earthquake struck at 2:45pm local time. A 6:45 pm local time report from the Japan Nuclear and Industrial Safety Agency contained more information of damage and other problems in a site-by-site report.

-A CO2 fire has broken out at Onagawa nuclear power station.

-Utility TEPCO has requested the establishment of a nuclear emergency response programme for Fukushima Daiichi 1&3 and Fukushima Daini 1.

JAIF reported that Fukushima Daiichi 1, 2 and 3 automatically shut down; units 4, 5 and 6 were in maintenance outages. Fukushima Daini 1, 2, 3 and 4 automatically shut down.

JAIF has reported that TEPCO sent the emergency report because emergency diesel generators at the two sites are out of order. It said that there is no report that the radiation was detected out of the site. It said that an emergency headquarters has been set up and will issue information hourly.

JAIF also reported that the Rokkasho reprocessing facility was being powered by emergency diesel generators. No other unusual events or radiation leaks have been reported. Nuclear power stations at Hamaoka, Kashiwazaki-Kariwa and Tomari are continuing normal operation, according to JAIF.

After an accident occurs at a nuclear power plant, the licensee must notify the national Nuclear and Industrial Safety Agency by law.

A minister in its controlling organisation, the Ministry of Economy, Trade and Industry, notifies the prime minister's office. The central nuclear emergency response headquarters (NERHQ) of the national government issues a nuclear emergency declaration, which also includes instructions about preventative measures. It receives technical advice from the Nuclear Safety Commission. The NERHQ sends a specialist and the NSC sends a commissioner to the site.

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From: Howard, Tabitha
To: NSIR DISTRIBUTION
Subject: FW: Incident Response: Japan Earthquake and Tsunami Drill
Date: Friday, March 11, 2011 10:26:17 PM
Importance: High

From: Howard, Tabitha
Sent: Friday, March 11, 2011 10:25 PM
To: Morris, Scott; McDermott, Brian; Ross-Lee, MaryJane; Correia, Richard; Grant, Jeffery; 'Joseph.Himes@nrc.gov'; Campbell, Stephen; McMurtray, Anthony; Gott, William; Marshall, Jane; Waig, Gerald; Jolicoeur, John; Bower, Anthony; 'Zahira.Cruz-Perez@nrc.gov'; Reed, Wendy; Schrader, Eric; DiFrancesco, Nicholas; Carlson, Donald; Rubin, Stuart; Arndt, Steven; Jackson, Karen; Stransky, Robert; Khan, Omar; Figueroa, Roberto; Hickman, John; Karas, Rebecca; Kratchman, Jessica; Scarbrough, Thomas; Salus, Amy; Williamson, Linda; Crutchley, Mary Glenn; Manahan, Michelle; Larson, Emily; Howard, Tabitha; Wimbush, Andrea; Meyer, Karen; Levine, Michael; Guzzetta, Ashley; 'Darrel.Burrell@nrc.gov'; Fiske, Jonathan; Anderson, James; Perin, Vanice; Mroz (Sahm), Sara; Chen, Yen-Ju; Pope, Tia; 'Christine.Merritt@nrc.gov'; Stang, Annette; Hurd, Sapna
Subject: Incident Response: Japan Earthquake and Tsunami Drill

Good evening,

If you have participated in the "Japan Earthquake and Tsunami Drill" that began today (Friday March 11, 2011), please be sure to apply your time spent on this activity to the TAC Number listed below:

D92374 – Incident Response: Japan Earthquake and Tsunami Drill

If your time has already been approved please see myself or acting T&L Coordinator Bridget Curran in order to do a corrected card

Thanks, Tabitha

44/25

From: [HOO Hoc](#)
To: [HOO Hoc](#)
Subject: HOO Highlight - NOUE Termination at Diablo Canyon
Date: Friday, March 11, 2011 7:49:53 PM

1528 PST - Diablo Canyon has terminated their Unusual Event because the tsunami warning has been reduced to a tsunami advisory. No damage occurred during this event.

Headquarters Operations Officer
U.S. Nuclear Regulatory Commission
Phone: 301-816-5100
Fax: 301-816-5151
email: hoo.hoc@nrc.gov
secure e-mail: hoo1@nrc.sgov.gov



HY/26

From: OPA Resource
To: Ash, Darren; Barkley, Richard; Batkin, Joshua; Bell, Hubert; Belmore, Nancy; Bergman, Thomas; Bollwerk, Paul; Bonaccorso, Amy; Borchart, Bill; Bozin, Sunny; Brenner, Eliot; Brock, Terry; Brown, Boris; Bubar, Patrice; Burnell, Scott; Burns, Stephen; Carpenter, Cynthia; Chandrathil, Prema; Clark, Theresa; Collins, Elmo; Couret, Yvonne; Crawford, Carrie; Cutler, Iris; Dacus, Eugene; Dapas, Marc; Davis, Roger; Dean, Bill; Decker, David; Dricks, Victor; Droggitis, Spiros; Flory, Shirley; Franovich, Mike; Gibbs, Catina; Hanev, Catherine; Hannah, Roger; Harbuck, Craig; Harrington, Holly; Hasan, Nasreen; Hayden, Elizabeth; Holahan, Gary; Holahan, Patricia; Holian, Brian; Jacobssen, Patricia; Jaczko, Gregory; Jasinski, Robert; Jenkins, Verlyn; Johnson, Michael; Jones, Andrea; Kock, Andrea; Kotzalas, Margie; Ledford, Joey; Lee, Samson; Leeds, Eric; Lepré, Janet; Lew, David; Lewis, Antoinette; Loyd, Susan; Magwood, William; McCrary, Cheryl; McGrady-Finneran, Patricia; McIntyre, David; Mensah, Tanya; Mitlyng, Viktoria; Monninger, John; Montes, David; Nieh, Ho; Ordaz, Vonna; Ostendorff, William; Owen, Lucy; Powell, Amy; Quesenberry, Jeannette; Reddick, Darani; Regan, Christopher; Reves, Luis; Riddick, Nicole; RidsSecyMailCenter Resource; Riley (OCA), Timothy; Rohrer, Shirley; Samuel, Olive; Satorius, Mark; Schaaf, Robert; Schmidt, Rebecca; Scott, Catherine; Screnci, Diane; Shaffer, Vered; Shane, Raeann; Sharkey, Jeffrey; Sheehan, Neil; Sheron, Brian; Siurano-Perez, Osiris; Steger (Tucci), Christine; Svinicki, Kristine; Tabatabai, Omid; Tannenbaum, Anita; Taylor, Renee; Temp, WDM; Thomas, Ann; Uhle, Jennifer; Uselding, Lara; Vietti-Cook, Annette; Virgilio, Martin; Virgilio, Rosetta; Walker-Smith, Antoinette; Weaver, Doug; Weber, Michael; Weil, Jenny; Werner, Greg; Wiggins, Jim; Williams, Evelyn; Zimmerman, Roy; Zorn, Jason
Subject: Press Release: NRC Monitors Notice of Unusual Event at Diablo Canyon Power Plant, Tsunami Issues
Date: Friday, March 11, 2011 11:59:22 AM
Attachments: 11-042.docx

Attached for immediate posting and release.

Office of Public Affairs
US Nuclear Regulatory Commission
301-415-8200
opa.resource@nrc.gov

44/27



NRC NEWS

U.S. NUCLEAR REGULATORY COMMISSION

Office of Public Affairs Telephone: 301/415-8200

Washington, D.C. 20555-0001

E-mail: opa_resource@nrc.gov Site: www.nrc.gov

Blog: <http://public-blog.nrc-gateway.gov>

No. 11-042

March 11, 2011

NRC MONITORS NOTICE OF UNUSUAL EVENT AT DIABLO CANYON POWER PLANT, TSUNAMI ISSUES

The U.S. Nuclear Regulatory Commission, through its regional office in Arlington, Tex., is monitoring a notice of unusual event (NOUE) at the Diablo Canyon Power Plant, located near San Luis Obispo, Calif. Senior NRC officials are working at the agency's Rockville, Md., headquarters to coordinate NRC activities with respect to the Japanese earthquake and subsequent tsunami.

"The NRC is closely monitoring this situation as it unfolds with respect to nuclear facilities within the United States. NRC staff is working closely with its resident inspectors who are on site to ensure safe operations," said NRC Chairman Gregory Jaczko.

Pacific Gas and Electric Co. (PG&E), operator of the Diablo Canyon two-reactor plant, declared a precautionary NOUE Unusual Event at 4:23 a.m. EST today after receiving a tsunami warning from the West California Emergency Management Agency. The tsunami warning was generated after an estimated 8.9 magnitude earthquake occurred off the eastern Japanese coast.

The licensee reported the Diablo Canyon plant is stable and both units remain on line. The plant is well protected against tsunami conditions as required by NRC regulations. The NRC has staff at the plant keeping track of the plant's response.

Nuclear power plants are built to withstand environmental hazards, including earthquakes and tsunamis. Even those plants that are located outside of areas with extensive seismic activity are designed for safety in the event of such a natural disaster. The NRC requires that safety-significant structures, systems, and components be designed to take into account the most severe natural phenomena historically reported for the site and surrounding area.

In addition to the Diablo Canyon plant, the NRC is also monitoring the San Onofre nuclear power plant, the Humboldt Bay spent fuel storage site and NRC-regulated nuclear materials sites in Hawaii and Alaska to name a few. Site personnel have informed the NRC they are prepared for possible tsunami effects.

###

News releases are available through a free *listserv* subscription at the following Web address: <http://www.nrc.gov/public-involve/listserver.html>. The NRC homepage at www.nrc.gov also offers a SUBSCRIBE link. E-mail notifications are sent to subscribers when news releases are posted to NRC's Web site.

From: [HOO Hoc](#)
To: [HOO Hoc](#)
Subject: HOO HIGHLIGHT - NRC IN MONITORING MODE AT 0946
Date: Friday, March 11, 2011 10:08:42 AM

The NRC is in the Monitoring Response Mode as of 0946 on 3/11/11. Region IV will take the lead for U.S. sites and HQ for international sites to provide assistance in response to the earthquake in Japan and any adverse affects from a tsunami. This response mode change is NOT associated with event number 46668.

Joe O'Hara
Headquarters Operations Officer
U.S. Nuclear Regulatory Commission
Phone: 301-816-5100
Fax: 301-816-5151
email: hoo.hoc@nrc.gov
secure e-mail: hoo1@nrc.sgov.gov



44/28

From: [Jackson, Gerard](#)
To: [Layton, Michael](#); [Caldwell, Robert](#)
Cc: [Purdy, Gary](#); [Correia, Richard](#)
Subject: FW: Radiation Level Rising in Fukushima Nuclear Plant Turbine Building - emergency generators dispatched
Date: Friday, March 11, 2011 1:24:59 PM

Sirs,

More Information:

Radiation Level Rising in Fukushima Nuclear Plant Turbine Building

Fukushima, Japan, March 12 Kyodo -- The radiation level is rising in the building housing a turbine of the No. 1 reactor of the Fukushima No. 1 nuclear power plant following Friday's powerful earthquake, the operator Tokyo Electric Power Co. said Saturday.

The company also said monitoring data suggested the air pressure level has also soared inside the container of the reactor.

State of Emergency Declared at Fukushima Plant

Tokyo *Asahi Shimbun Online* 1733 GMT 11 Mar 11

Friday's devastating earthquake in the Tohoku region may have created a dangerous situation at two nuclear reactors in Fukushima Prefecture.

Officials of the Nuclear and Industrial Safety Agency were informed by Tokyo Electric Power Co. that the emergency core cooling system was not working at two reactors.

In addition, another mechanism that had been used to send water to the core also stopped at 8:30 p.m.

If the cores are not sufficiently cooled, there is a danger of a possible core meltdown.

At a news conference Friday night, Chief Cabinet Secretary Yukio Edano said a state of emergency at a nuclear facility was declared at 4:36 p.m.

It is the first time such a state of emergency has been declared.

According to NISA officials, although the reactor core stopped operations after the earthquake hit, water had to be inserted to the core to cool it because heat continued to be emitted from the nuclear fuel.

Although workers had to initiate emergency core cooling system procedures, the lack of an external power source and the failure of an emergency generator crippled the system that circulates water to the core to cool it.

YY/29

TEPCO officials dispatched 51 generator vehicles to the reactors in an attempt to restore power. One vehicle reached one of the nuclear reactors late Friday and some of that reactor's power was restored.

At 9:23 p.m., the central government issued an evacuation instruction for residents living within a 3-kilometer radius of the No. 1 Fukushima nuclear power plant as well as an instruction to residents living within a radius of between 3 and 10 kilometers to remain indoors.

Edano said no radiation leakage had been detected.

The company issued an emergency evacuation order for the two reactors at the No. 1 Fukushima nuclear power plant. Officials from local communities gathered at a special monitoring facility in Okuma to oversee the cooling of the cores.

There was also the possibility that seawater pumps for cooling purposes may have stopped at two reactors at the No. 2 Fukushima nuclear power plant.

If those pumps remain inoperational, it could affect the emergency core cooling systems at those reactors as well.

From: Sheron, Brian
To: Bonaccorso, Amy; Calvo, Antony; Case, Michael; Coe, Doug; Correia, Richard; Dion, Jeanne; Gibson, Kathy; Lui, Christiana; Richards, Stuart; Rini, Brett; Sangimino, Donna-Marie; Uhle, Jennifer; Valentin, Andrea
Subject: FW: Press Release: NRC Monitors Notice of Unusual Event at Diablo Canyon Power Plant, Tsunami Issues
Date: Friday, March 11, 2011 2:29:06 PM
Attachments: 11-042.docx

From: OPA Resource

Sent: Friday, March 11, 2011 11:59 AM

To: Ash, Darren; Barkley, Richard; Batkin, Joshua; Bell, Hubert; Belmore, Nancy; Bergman, Thomas; Bollwerk, Paul; Bonaccorso, Amy; Borchardt, Bill; Bozin, Sunny; Brenner, Eliot; Brock, Terry; Brown, Boris; Bubar, Patrice; Burnell, Scott; Burns, Stephen; Carpenter, Cynthia; Chandrathil, Prema; Clark, Theresa; Collins, Elmo; Couret, Ivonne; Crawford, Carrie; Cutler, Iris; Dacus, Eugene; Dapas, Marc; Davis, Roger; Dean, Bill; Decker, David; Dricks, Victor; Droggitis, Spiros; Flory, Shirley; Franovich, Mike; Gibbs, Catina; Haney, Catherine; Hannah, Roger; Harbuck, Craig; Harrington, Holly; Hasan, Nasreen; Hayden, Elizabeth; Holahan, Gary; Holahan, Patricia; Holian, Brian; Jacobsen, Patricia; Jaczko, Gregory; Jasinski, Robert; Jenkins, Verlyn; Johnson, Michael; Jones, Andrea; Kock, Andrea; Kotzalas, Margie; Ledford, Joey; Lee, Samson; Leeds, Eric; Lepre, Janet; Lew, David; Lewis, Antoinette; Loyd, Susan; Magwood, William; McCrary, Cheryl; McGrady-Finneran, Patricia; McIntyre, David; Mensah, Tanya; Mitlyng, Viktoria; Monninger, John; Montes, David; Nieh, Ho; Ordaz, Vonna; Ostendorff, William; Owen, Lucy; Powell, Amy; Quesenberry, Jeannette; Reddick, Darani; Regan, Christopher; Reyes, Luis; Riddick, Nicole; RidsSecyMailCenter Resource; Riley (OCA), Timothy; Rohrer, Shirley; Samuel, Olive; Satorius, Mark; Schaaf, Robert; Schmidt, Rebecca; Scott, Catherine; Screnci, Diane; Shaffer, Vered; Shane, Raeann; Sharkey, Jeffrey; Sheehan, Neil; Sheron, Brian; Siurano-Perez, Osiris; Steger (Tucci), Christine; Svinicki, Kristine; Tabatabai, Omid; Tannenbaum, Anita; Taylor, Renee; Temp, WDM; Thomas, Ann; Uhle, Jennifer; Uselding, Lara; Vietti-Cook, Annette; Virgilio, Martin; Virgilio, Rosetta; Walker-Smith, Antoinette; Weaver, Doug; Weber, Michael; Weil, Jenny; Werner, Greg; Wiggins, Jim; Williams, Evelyn; Zimmerman, Roy; Zorn, Jason

Subject: Press Release: NRC Monitors Notice of Unusual Event at Diablo Canyon Power Plant, Tsunami Issues

Attached for immediate posting and release.

Office of Public Affairs
US Nuclear Regulatory Commission
301-415-8200
opa.resource@nrc.gov

44/30

Attachment 11-042.docx (71052 Bytes) cannot be converted to PDF format.

From: Sheron, Brian
To: Bonaccorso, Amy; Calvo, Antony; Case, Michael; Coe, Doug; Correia, Richard; Dion, Jeanne; Gibson, Kathy; Lui, Christiana; Richards, Stuart; Rini, Brett; Sangimino, Donna-Marie; Uhle, Jennifer; Valentin, Andrea
Subject: FW: Press Release: NRC Continues to Track Earthquake and Tsunami Issues
Date: Friday, March 11, 2011 4:27:11 PM
Attachments: 11-043.docx

From: OPA Resource
Sent: Friday, March 11, 2011 4:26 PM
To: Ash, Darren; Barkley, Richard; Batkin, Joshua; Bell, Hubert; Belmore, Nancy; Bergman, Thomas; Bollwerk, Paul; Bonaccorso, Amy; Borchardt, Bill; Bozin, Sunny; Brenner, Eliot; Brock, Terry; Brown, Boris; Bubar, Patrice; Burnell, Scott; Burns, Stephen; Carpenter, Cynthia; Chandrathil, Prema; Clark, Theresa; Collins, Elmo; Couret, Ivonne; Crawford, Carrie; Cutler, Iris; Dacus, Eugene; Dapas, Marc; Davis, Roger; Dean, Bill; Decker, David; Dricks, Victor; Droggitis, Spiros; Flory, Shirley; Franovich, Mike; Gibbs, Catina; Haney, Catherine; Hannah, Roger; Harbuck, Craig; Harrington, Holly; Hasan, Nasreen; Hayden, Elizabeth; Holahan, Gary; Holahan, Patricia; Holian, Brian; Jacobsen, Patricia; Jaczko, Gregory; Jasinski, Robert; Jenkins, Verlyn; Johnson, Michael; Jones, Andrea; Kock, Andrea; Kotzalas, Margie; Ledford, Joey; Lee, Samson; Leeds, Eric; Lepre, Janet; Lew, David; Lewis, Antoinette; Loyd, Susan; Magwood, William; McCrary, Cheryl; McGrady-Finneran, Patricia; McIntyre, David; Mensah, Tanya; Mitlyng, Viktoria; Monninger, John; Montes, David; Nieh, Ho; Ordaz, Vonna; Ostendorff, William; Owen, Lucy; Powell, Amy; Quesenberry, Jeannette; Reddick, Darani; Regan, Christopher; Reyes, Luis; Riddick, Nicole; RidsSecyMailCenter Resource; Riley (OCA), Timothy; Rohrer, Shirley; Samuel, Olive; Satorius, Mark; Schaaf, Robert; Schmidt, Rebecca; Scott, Catherine; Screnci, Diane; Shaffer, Vered; Shane, Raeann; Sharkey, Jeffrey; Sheehan, Neil; Sheron, Brian; Siurano-Perez, Osiris; Steger (Tucci), Christine; Svinicki, Kristine; Tabatabai, Omid; Tannenbaum, Anita; Taylor, Renee; Temp, WDM; Thomas, Ann; Uhle, Jennifer; Uselding, Lara; Vietti-Cook, Annette; Virgilio, Martin; Virgilio, Rosetta; Walker-Smith, Antoinette; Weaver, Doug; Weber, Michael; Weil, Jenny; Werner, Greg; Wiggins, Jim; Williams, Evelyn; Zimmerman, Roy; Zorn, Jason
Subject: Press Release: NRC Continues to Track Earthquake and Tsunami Issues

The attached to be issued and posted in approximately 15 minutes.

Office of Public Affairs
US Nuclear Regulatory Commission
301-415-8200
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44/31

Attachment 11-043.docx (71067 Bytes) cannot be converted to PDF format.

From: [NYTimes.com](http://www.nytimes.com)
To: [Virgilio, Martin](mailto:Virgilio.Martin)
Subject: Today's Headlines: Qaddafi Forces Bear Down on Strategic Town as Rebels Flee
Date: Friday, March 11, 2011 4:31:21 AM

If you have trouble reading this e-mail, go to: <http://www.nytimes.com/indexes/2011/03/11/todaysh headlines/index.html>



Today's Headlines

March 11, 2011

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TOP NEWS

Qaddafi Forces Bear Down on Strategic Town as Rebels Flee

By ANTHONY SHADID

Rebels retreated from Ras Lanuf after an assault by forces loyal to the Libyan leader, Col. Muammar el-Qaddafi, underlining a shift in momentum.



[Photographs](#) | [Map](#)



[The Lede: Day's Updates](#)



[Lens: In the Thick of Libya's Brutal Fighting](#)

NEWS ANALYSIS

Obama Seeks a Course of Pragmatism in the Middle East

By MARK LANDLER and HELENE COOPER

President Obama has adopted a policy of restraint in the Middle East crisis, recognizing a stark reality that U.S. security interests weigh as heavily as idealistic impulses.

In Wisconsin Battle on Unions, State Democrats See a Gift

By MONICA DAVEY and A. G. SULZBERGER

Governor Scott Walker of Wisconsin won his battle to cut bargaining rights but his victory also carries risks for the state's Republicans.



[The Burden of Pensions on States](#)



[Slide Show: Protests in Wisconsin](#)

[• NYTimes.com Home Page »](#)

QUOTATION OF THE DAY

"There is no comparison between our weapons and theirs. They're trained, they're organized. They got their training in Russia and I don't know where. We're not an army, we're the people and even if we had weapons, we wouldn't even know how to use them."

MOHAMMAD AL-HOUNI, a fighter in the rebel forces in Libya.

44/32

TECHNOLOGY

VIDEO: Pogue Family Review of the New iPad 2

David Pogue and his sons discuss the merits of Apple's newest device.

OPINION

OPINIONATOR

Rise of the Ethnoburbs

By TIMOTHY EGAN

Asians are now California's fastest-growing ethnic group, a cultural makeover that is being repeated around the country.

Pressure to curb school taxes

ALSO IN BUSINESS »

- Are we prepared for rising gas prices?
- Continental ends free snacks

WORLD

Huge Earthquake Triggers Tsunami Off Japan's Coast

By MARTIN FACKLER and KEVIN DREW

A devastating tsunami hit the coast of northeast Japan on Friday after an 8.9 magnitude offshore earthquake. Waves of more than 12 feet were seen roaring inland.

• [More World News »](#)

U.S.

Idaho Rancher Revealed as Gangster From Boston

By WILLIAM YARDLEY

A wanted man started over with a new name and a new life in Idaho, but then his past caught up with him.

20% Rise Seen in Number of Survivors of Cancer

By PAM BELLUCK

The implications are that many cancers are treatable, the director of the Centers for Disease Control said.

Cuts to Head Start Show Challenge of Fiscal Restraint

By JENNIFER STEINHAEUER

In taking on a program popular with many voters, though criticized as ineffective, Republicans are seeking to send a strong message about the need for fiscal restraint.

• [More U.S. News »](#)

BUSINESS

The Burden of Pensions on States

By MARY WILLIAMS WALSH

In Wisconsin, new pension cost estimates are expected to show that contribution levels are too meager and more money will be needed from public workers.

Start-Ups Are in a Rush to Bring the Chat Room to the Smartphone

By JENNA WORTHAM

A wave of start-ups, including GroupMe, FastSociety and Beluga, are offering apps that allow multiple

users to participate in smartphone text conversations.

U.S. Regulators and J.&J. Unit Reach a Deal on Plant Oversight

By REED ABELSON and NATASHA SINGER

Three plants operated by Johnson & Johnson's McNeil Consumer Healthcare unit have had quality problems for over a year.

• [More Business News »](#)

SPORTS

N.H.L. Faces New Scrutiny for Hockey Violence

By JEFF Z. KLEIN and KEN BELSON

An incident in which a Canadiens player was injured has put pressure on the league's managers to address issues of violence.



N.H.L. Roundup: Sabres Win to Tie Rangers for Seventh Place in East

HEAT 94, LAKERS 88

Heat Ends Its Anguish by Edging the Lakers

By HOWARD BECK

The Heat closed out a 94-88 victory over the Los Angeles Lakers to end a five-game losing streak that threatened the franchise's morale.



Mavericks 127, Knicks 109: Stoudemire's Technical Adds to Knicks' Woes

N.F.L. Talks Spill Into Frustration as Hopes for Deal Fade

By JUDY BATTISTA

Negotiations on the financial issues that divide owners and players were at a virtual standstill, and representatives of both sides were trading barbs in public.

• [More Sports News »](#)

ARTS

MOVIE REVIEW | 'JANE EYRE'

Radiant Spirit Blossoms in Barren Land

By A. O. SCOTT

Cary Joji Fukunaga's "Jane Eyre," starring Mia Wasikowska, is a splendid example of how to tackle the daunting duty of turning a beloved work of classic literature into a movie.



Slide Show

ART REVIEW

Messages That Conduct an Electric Charge

By HOLLAND COTTER

Glenn Ligon's retrospective at the Whitney Museum of American Art is a tight but ample show that refers back to America's slave-holding past and forward to the Obama present.



Interactive Feature: Glenn Ligon: Art Out of Words

Conan in the Wilderness

By DAVE ITZKOFF

A new documentary, "Conan O'Brien Can't Stop," directed by Rodman Flender, shows another side of Mr. O'Brien that his co-workers call "Mean Conan."



Clip: 'Conan O'Brien Can't Stop'

• [More Arts News »](#)

MOVIES

MOVIE REVIEW | 'RED RIDING HOOD'

The Girl Who Sighed Wolf

By MANOHLA DARGIS

Catherine Hardwicke's "Red Riding Hood" is a goofily amusing screen fairy tale that includes bloodshed, but it's generally tamer than its often-gruesome source.

MOVIE REVIEW | 'BATTLE: LOS ANGELES'

City of Angels Resists Becoming City of Aliens (the Outer-Space Type)

By A. O. SCOTT

"Battle: Los Angeles" follows Marines fending off an attack on the title city.

MOVIE REVIEW | 'CERTIFIED COPY'

On the Road, Packing Querulous Erudition

By STEPHEN HOLDEN

In Abbas Kiarostami's "Certified Copy," a couple (Juliette Binoche and William Shimell) drive through Tuscany arguing about art, representation and authenticity.

• [More Movies News »](#)

EDITORIALS

EDITORIAL

Indefensible Detention

Should a former attorney general be held liable for detaining an American man on the pretext that he was a witness in a case in which he was never called to testify?

EDITORIAL

It's Not Over in Wisconsin

Republican lawmakers in Wisconsin have reversed half-a-century's middle-class progress in the state by erasing collective-bargaining rights for public employees.

EDITORIAL

Bank Customers Win One (Soon)

Barring a last-minute assault from the banks, a federal rule to protect vulnerable Americans from overly grabby creditors will take effect in May.

EDITORIAL

Cynical Non-Enforcers

Gridlock is the name of the game at the Federal Election Commission, where three Republican members block any punishment of even the most blatant violators.

• [More Opinion »](#)

OP-ED

OP-ED CONTRIBUTOR

Let There Be More Efficient Light

By ROGER A. PIELKE Jr.

Government standards on fluorescent bulbs will promote innovation and help the economy.

OP-ED COLUMNIST

Dumbing Deficits Down

By PAUL KRUGMAN

Having a "what were they thinking?" moment recently.



Columnist Page | Blog

OP-ED COLUMNIST

The Modesty Manifesto

By DAVID BROOKS

Americans' tendency toward overconfidence is corroding our citizenship.



[Columnist Page | Blog](#)

OP-ED COLUMNIST

Green Cuisine in Legoland

By ROGER COHEN

Foodies flock to Denmark as a chef shapes a cuisine for a shrinking planet.



[Columnist Page](#)

OP-ED CONTRIBUTOR

Does Anybody Really Know What Time It Is?

By HOWARD MANSFIELD

Daylight saving reminds us that one man's noon is another man's 11:50.

• [More Opinion »](#)

ON THIS DAY

On March 11, 1941, President Roosevelt signed into law the Lend-Lease Bill, providing war supplies to countries fighting the Axis.

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From: [The Washington Post](#)
To: [Virgilio, Martin](#)
Subject: Today's Headlines & Columnists
Date: Friday, March 11, 2011 6:39:30 AM



Friday, March 11, 2011

TODAY'S HIGHLIGHTS

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[Powerful earthquake, tsunami strike Japan: rising death toll, substantial damage feared](#)

HIROSHIMA - A massive 8.9-magnitude earthquake and several powerful aftershocks struck the eastern coast of Japan on Friday afternoon, triggering tsunamis that devastated the coastline north of Tokyo.
(By Chico Harlan, The Washington Post)

[U.S. to send aid team to eastern Libya: Clinton to meet rebel representatives](#)

(By Karen DeYoung and Edward Cody, The Washington Post)

[Wisconsin governor wins his battle with unions on collective bargaining](#)

(By Karen Tumulty, The Washington Post)

[Stocks sink amid concerns out of China and Europe, continued turmoil in Arab world](#)

(By Neil Irwin, The Washington Post)

[Rep. Peter King's Muslim hearing: Plenty of drama, less substance](#)

(By David A. Fahrenthold and Michelle Boorstein, The Washington Post)

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POLITICS

[New fronts open in abortion wars](#)

The passage of the health-care overhaul opened new fronts in the fight over abortion. In many states, legislators are pondering bills that would make it illegal for any private insurance plan to cover the procedure.

(By N.C. Aizenman, The Washington Post)

[Wisconsin governor wins his battle with unions on collective bargaining](#)

(By Karen Tumulty, The Washington Post)

[Rep. Peter King's Muslim hearing: Plenty of drama, less substance](#)

(By David A. Fahrenthold and Michelle Boorstein, The Washington Post)

[More Politics](#)

NATION

[Wisconsin governor wins his battle with unions on collective bargaining](#)

Gov. Scott Walker wins his drive to enact a law to strip the state's

44/33

government workers of nearly all of their collective-bargaining rights.
(By Karen Tumulty, The Washington Post)

Giffords hopes to attend husband's shuttle launch

(By RAMIT PLUSHNICK-MASTI, AP)

Ohio executes inmate using new, single-drug method in death penalty

(By Rob Stein, The Washington Post)

Quake hits Hawaii as residents brace for tsunami

(By JAYMES SONG, AP)

Rep. Peter King's Muslim hearing: Plenty of drama, less substance

(By David A. Fahrenthold and Michelle Boorstein, The Washington Post)

[More Nation](#)

WORLD

Powerful earthquake, tsunami strike Japan: rising death toll, substantial damage feared

HIROSHIMA - A massive 8.9-magnitude earthquake and several powerful aftershocks struck the eastern coast of Japan on Friday afternoon, triggering tsunamis that devastated the coastline north of Tokyo.

(By Chico Harlan, The Washington Post)

Dalai Lama says he will relinquish political role to democratically elected leader

(By Simon Denyer, The Washington Post)

U.S. to send aid team to eastern Libya: Clinton to meet rebel representatives

(By Karen DeYoung and Edward Cody, The Washington Post)

Yemeni president offers plan to amend constitution

(By Portia Walker, The Washington Post)

[More World](#)

METRO

Leslie Johnson seeks third delay of hearing

For the third time, Prince George's Council member Leslie Johnson (D-Mitchellville) has asked a judge to delay a scheduled preliminary hearing on federal evidence-tampering charges, saying she needs more time to investigate the allegations.

(By Maria Glod, The Washington Post)

Heavy rains flood Washington area Thursday

(By Clarence Williams, The Washington Post)

Pepco plans reliability reviews

(The Washington Post)

[More Metro](#)

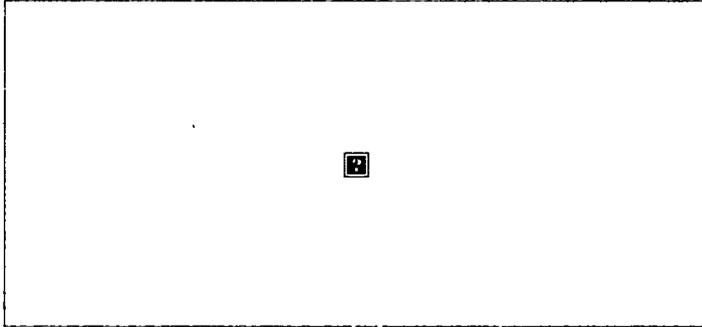
BUSINESS

Stocks sink amid concerns out of China and Europe, continued turmoil in Arab world

New concerns about a widening U.S. trade gap and slowing Chinese growth combined Thursday with other signs of economic trouble to undercut some of the confidence about a recovery that has been building.

(By Neil Irwin, The Washington Post)

[More Business](#)



SPORTS

Miami snaps five-game losing streak with win over Los Angeles

MIAMI -- Less than 2 minutes to go, tie game, Kobe Bryant with the basketball and staring down Dwyane Wade.

(By TIM REYNOLDS, AP)

BYU shakes off pesky TCU in Mountain West quarterfinal

(By Eric Prisbell, The Washington Post)

Big Ten tournament: Northwestern stays alive to dream another day

(By Steve Yanda, The Washington Post)

Montreal police open investigation of on-ice hit by Bruins' Chara

(By HOWARD ULMAN, AP)

ACC tournament: Virginia Tech routs Georgia Tech for needed victory

(By Mark Giannotto, The Washington Post)

[More Sports](#)

STYLE

NSO Review: 'Turangalila's' majestic sweep soars above the flaws

One must hope that the torrential downpours were to blame for the hundreds of empty seats at the National Symphony Orchestra's opening-night performance of Olivier Messiaen's sprawling, sybaritic masterpiece of 1948, the "Turangalila-Symphonie."

(By Robert Battey, The Washington Post)

Book World: Lionel Shriver reviews Yan Lianke's 'Dream of Ding Village'

(By Lionel Shriver, The Washington Post)

His passage to India includes some baggage

(By Carolyn Hax, The Washington Post)

Hints From Heloise: Birthday cupcakes send a message

(The Washington Post)

[More Style](#)

LIVE DISCUSSIONS

The TV Column Live with Lisa de Moraes

TV columnist Lisa de Moraes takes questions about drama, comedy, and heartbreak in the world of television.
(Lisa de Moraes, washingtonpost.com)

What to expect from D.C.-area housing market this spring
(Elizabeth Razzi, Dina ElBoghdady, washingtonpost.com)

Carolyn Hax Live: Advice columnist tackles your problems (Friday, March 11)
(Carolyn Hax, washingtonpost.com)

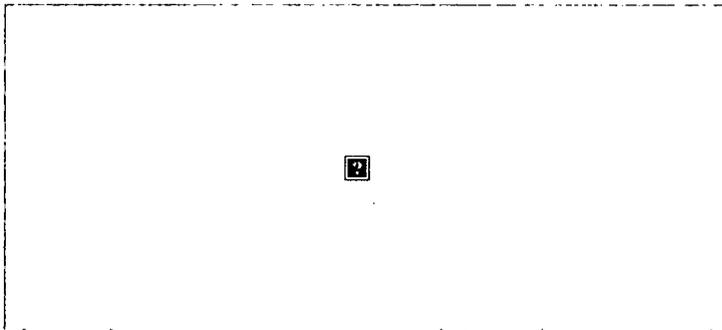
ComPost Live: Your weekly digest with Alexandra Petri
(Alexandra Petri, washingtonpost.com)

Real Wheels Live
(Warren Brown, washingtonpost.com)

[More Live Discussions](#)

Turkey's poor example

JUST AT the moment that Turkey is being held up as a model for Arab states emerging from authoritarianism, its claim to be the Muslim world's leading democracy is in danger. Don't take it from us: Here is what the country's president, Abdullah Gul, has to say: "The impression I get is that there are...
(The Washington Post)



TODAY'S ...

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From: [Frazier, Alan](#)
To: [Trapp, James](#)
Cc: [Bowman, Gregory](#)
Subject: Update from TEPCO 2am JST (12pm EST)
Date: Saturday, March 12, 2011 6:06:33 PM

Press Release (Mar 13,2011)
Plant Status of Fukushima Daiichi Nuclear Power Station (as of 2am March 13th)

All 6 units of Fukushima Daiichi Nuclear Power Station have been shut down.

Unit 1 (Shut down)

- Reactor has been shut down. However, the unit is under inspection due to the explosive sound and white smoke that was confirmed after the big quake occurred at 3:36PM.
- We have been injecting sea water and boric acid which absorbs neutron into the reactor core.

Unit 2 (Shut down)

- Reactor and Reactor Core Isolation Cooling System have been shut down. Current reactor water level is lower than normal level, but the water level is steady. After fully securing safety, we are preparing to implement a measure to reduce the pressure of the reactor containment vessels under the instruction of the national government.

Unit 3 (Shut down)

- Reactor has been shut down and we continue injecting water by High Pressure Core Injection System. After fully securing safety, we are preparing to implement a measure to reduce the pressure of the reactor containment vessels under the instruction of the national government.
- Currently, we do not believe there is any reactor coolant leakage inside the reactor containment vessel.

Unit 4 (shut down due to regular inspection)

- Reactor has been shut down and sufficient level of reactor coolant to ensure safety is maintained.
- Currently, we do not believe there is any reactor coolant leakage inside the reactor containment vessel.

Unit 5 (outage due to regular inspection)

- Reactor has been shut down and sufficient level of reactor coolant to ensure safety is maintained.
- Currently, we do not believe there is any reactor coolant leakage inside the reactor containment vessel.

Unit 6 (outage due to regular inspection)

- Reactor has been shut down and sufficient level of reactor coolant to ensure safety is maintained.
- Currently, we do not believe there is any reactor coolant leakage inside the reactor containment vessel.

Casualty

- 2 workers of cooperative firm were injured at the occurrence of the earthquake, and were transported to the hospital.
- 1 TEPCO employee who was not able to stand by his own with his hand holding left chest was transported to the hospital by an ambulance.
- 1 subcontract worker at important earthquake-proof building was unconscious and transported to the hospital by an ambulance.
- The radiation exposure of 1 TEPCO employee, who was working inside the reactor building, exceeded 100mSv and was transported to the hospital.
- 4 workers were injured and transported to the hospital after explosive sound and white smoke were confirmed around the Unit 1.
- Presence of 2 TEPCO employees at the site are not confirmed

Others

- We measured radioactive materials inside of the nuclear power station area (outdoor) by monitoring car and confirmed that radioactive materials level is higher than ordinary level. Also, the level at monitoring post is higher than ordinary level. We will continue to monitor in detail the possibility of radioactive material being discharged from exhaust stack or discharge canal. The national government has instructed evacuation for those local residents within 20km radius of the periphery because it's possible that radioactive materials are discharged.
- We will continue to take all measures to restore the security of the site and to monitor the environment of the site periphery.

<http://www.tepco.co.jp/en/press/corp-com/release/11031301-e.html>

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Fleger, Stephen

From: Joe Colvin [president@ans.org]
Sent: Saturday, March 12, 2011 7:23 PM
To: Fleger, Stephen
Subject: Update on Japan Situation
Attachments: ANS Japan Backgrounder.pdf

Dear ANS Members:

I'm sure you are aware of the rapidly developing situation in Japan. The ANS is working on multiple fronts to collect credible information on the incident, and distribute that information through mainstream and social media outlets.

We have communicated with our counterparts at the Atomic Energy Society of Japan to offer any technical or other assistance which may be of help.

We have set up a special page on the ANS blog (<http://ansnuclearcafe.org>) to aggregate media reports and provide additional information when we consider it to be credible.

We are also working to organize television appearances and other media availabilities for our members so that some of the misinformation that has been presented by anti-nuclear groups can be rebutted with facts. Our goal is not necessarily to be the first on the air, but to be the most credible.

Attached you will find some talking points, along with our current analysis of the sequence of events at Fukushima I-1. I encourage you to talk to your social networks to ensure that people have the right facts and the proper perspective on this incident.

Let me know what other actions our Society should be taking during this nuclear incident.

My thoughts and prayers go out to the people of Japan.

Respectfully,

Joe Colvin

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American Nuclear Society Backgrounder: Japanese Earthquake/Tsunami; Problems with Nuclear Reactors

3/12/2011 5:22 PM EST

To begin, a sense of perspective is needed... right now, the Japanese earthquake/tsunami is clearly a catastrophe; the situation at impacted nuclear reactors is, in the words of IAEA, an "Accident with Local Consequences."

The Japanese earthquake and tsunami are natural catastrophes of historic proportions. The death toll is likely to be in the thousands. While the information is still not complete at this time, the tragic loss of life and destruction caused by the earthquake and tsunami will likely dwarf the damage caused by the problems associated with the impacted Japanese nuclear plants.

What happened?

Recognizing that information is still not complete due to the destruction of the communication infrastructure, producing reports that are conflicting, here is our best understanding of the sequence of events at the Fukushima I-1 power station.

- The plant was immediately shut down (scrammed) when the earthquake first hit. The automatic power system worked.
- All external power to the station was lost when the sea water swept away the power lines.
- Diesel generators started to provide backup electrical power to the plant's backup cooling system. The backup worked.
- The diesel generators ceased functioning after approximately one hour due to tsunami induced damage, reportedly to their fuel supply.
- An Isolation condenser was used to remove the decay heat from the shutdown reactor.
- Apparently the plant then experienced a small loss of coolant from the reactor.
- Reactor Core Isolation Cooling (RCIC) pumps, which operate on steam from the reactor, were used to replace reactor core water inventory, however, the battery-supplied control valves lost DC power after the prolonged use.
- DC power from batteries was consumed after approximately 8 hours.
- At that point, the plant experienced a complete blackout (no electric power at all).
- Hours passed as primary water inventory was lost and core degradation occurred (through some combination of zirconium oxidation and clad failure).

- Portable diesel generators were delivered to the plant site.
- AC power was restored allowing for a different backup pumping system to replace inventory in reactor pressure vessel (RPV).
- Pressure in the containment drywell rose as wetwell became hotter.
- The Drywell containment was vented to outside reactor building which surrounds the containment.
- Hydrogen produced from zirconium oxidation was vented from the containment into the reactor building.
- Hydrogen in reactor building exploded causing it to collapse around the containment.
- The containment around the reactor and RPV were reported to be intact.
- The decision was made to inject seawater into the RPV to continue to the cooling process, another backup system that was designed into the plant from inception.
- Radioactivity releases from operator initiated venting appear to be decreasing.

Can it happen here in the US?

- While there are risks associated with operating nuclear plants and other industrial facilities, the chances of an adverse event similar to what happened in Japan occurring in the US is small.
- Since September 11, 2001, additional safeguards and training have been put in place at US nuclear reactors which allow plant operators to cool the reactor core during an extended power outage and/or failure of backup generators – “blackout conditions.”

Is a nuclear reactor "meltdown" a catastrophic event?

- Not necessarily. Nuclear reactors are built with redundant safety systems. Even if the fuel in the reactor melts, the reactor's containment systems are designed to prevent the spread of radioactivity into the environment. Should an event like this occur, containing the radioactive materials could actually be considered a "success" given the scale of this natural disaster that had not been considered in the original design. The nuclear power industry will learn from this event, and redesign our facilities as needed to make them safer in the future.

What is the ANS doing?

ANS has reached out to The Atomic Energy Society of Japan (AESJ) to offer technical assistance.

ANS has established an incident communications response team.

This team has compiling relevant news reports and other publicly available information on the ANS blog, which can be found at ansnuclearcafe.org.

The team is also fielding media inquiries and providing reporters with background information and technical perspective as the events unfold.

Finally, the ANS is collecting information from publicly available sources, our sources in government agencies, and our sources on the ground in Japan, to better understand the extent and impact of the incident.

From: [Layton, Michael](#)
To: [Correia, Richard](#)
Subject: Fw: TEPCO : Press Release | Impact to TEPCO's Facilities due to Miyagiken-Oki Earthquake (as of 4AM)
Date: Saturday, March 12, 2011 7:46:33 PM

The official line.
Michael Layton

----- Original Message -----

From: ET02 Hoc
To: Layton, Michael
Sent: Sat Mar 12 17:59:59 2011
Subject: TEPCO : Press Release | Impact to TEPCO's Facilities due to Miyagiken-Oki Earthquake (as of 4AM)

<http://www.tepco.co.jp/en/press/corp-com/release/11031208-e.html>

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From: [NYTimes.com](http://www.nytimes.com)
To: [Virgilio, Martin](#)
Subject: Today's Headlines: Powerful Quake and Tsunami Devastate Northern Japan
Date: Saturday, March 12, 2011 4:28:50 AM

If you have trouble reading this e-mail, go to: <http://www.nytimes.com/indexes/2011/03/12/todaysh headlines/index.html>



Today's Headlines

March 12, 2011

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TOP NEWS



Powerful Quake and Tsunami Devastate Northern Japan

By MARTIN FACKLER

Japan was filled with scenes of desperation a day after an 8.9-magnitude quake, as survivors called for help and rescuers looked for people buried in rubble.



The Lede: How to Help



Photographs | Maps

Japan's Strict Building Codes Saved Lives

By JAMES GLANZ and NORIMITSU ONISHI

Perhaps no country in the world is better prepared to withstand earthquakes and tsunamis than Japan.



California and Hawaii Escape Major Damage From Waves



Away From Japan, Tsunami's Effect Is Diffuse

In Libya Revolt, Youth Will Serve, or at Least Try

By KAREEM FAHIM

Boys as young as their early teens have left their homes in hopes of joining the opposition forces.

• [NYTimes.com Home Page](#) »

QUOTATION OF THE DAY

"What was scariest was to look up at the skyscrapers all around. They were swaying like trees in the breeze."

WILLIAM M. TSUTSUI, a professor at Southern Methodist University, who was in Tokyo when the earthquake hit.

WORLD



PHOTOGRAPHS:
**Aftermath of the
Earthquake and
Tsunami in Japan**



44/37

A devastating tsunami hit the coast of northeast Japan on Friday in the aftermath of an 8.9 magnitude earthquake about 80 miles offshore.

OPINION

OPINIONATOR **My Life as a Juvenile Delinquent**

By DICK CAVETT

Many years later, the author reckons with a youthful escapade, and the matter of crime and punishment.



36 hours in Orlando, Florida

ALSO IN TRAVEL »

- Nightlife and beaches in Brazil
- Giving back while traveling abroad



WORLD

Japan Orders Evacuation Near 2nd Nuclear Plant

By MATTHEW L. WALD

Officials warned that small amounts of radiation were likely to leak after the plants experienced breakdowns.



Video: Japanese Nuclear Plant in Jeopardy

Japan's Industrial Heart Escapes Heaviest Blows

By STEVE LOHR

That Japan's earthquake and tsunami hit far from the country's industrial heartland will at least soften the economic blow, both at home and abroad.

Libyan Rebels Defiant but in Disarray, as Qaddafi's Forces Gain Momentum

By ANTHONY SHADID and DAVID D. KIRKPATRICK

Rebels retreated from Ras Lanuf after an onslaught of air strikes and tank and artillery fire by forces loyal to the Libyan leader.



Photographs | Map



The Lede: Day's Updates



Lens: In the Thick of Libya's Brutal Fighting



Video: Friday Prayers

• [More World News »](#)

U.S.

How Flaws Undid Obama's Hope for High-Speed Rail in Florida

By MICHAEL COOPER

The administration made a fatal trade-off, picking a route that offered few advantages over cars, but that could have been completed more quickly than proposed rail lines elsewhere.

Obama Defends Detention Conditions for Soldier Accused in WikiLeaks Case

By SCOTT SHANE

The president said he had been assured that measures such as forcing Pfc. Bradley Manning to sleep

without clothing were justified and for his safety.

A Legal Privilege That Some Lawmakers See Broadly

By MARC LACEY

A domestic violence case involving Scott Bundgaard, the majority leader of the Arizona State Senate, has put a spotlight on constitutional privileges that protect lawmakers from arrest.

• [More U.S. News »](#)

BUSINESS

U.S. Inquiry on Military Family Foreclosures

By DIANA B. HENRIQUES

The Justice Department is looking into claims that a unit of Morgan Stanley illegally foreclosed on almost two dozen military families.

Give Up Familiar Light Bulb? Not Without Fight, Some Say

By EDWARD WYATT

A law on light bulb efficiency due to take effect next year has brought a frenzy of activity to get the law repealed or, at least, to stockpile the bulbs before they disappear from store shelves.

Facebook Users Who Are Under Age Raise Concerns

By MATT RICHTEL and MIGUEL HELFT

Many young people lie about their ages to create accounts on social networks, and there is no way to stop them.

• [More Business News »](#)

SPORTS

As N.F.L. Talks Fail, '11 Season Seems in Doubt

By JUDY BATTISTA

After failing to reach a new collective bargaining agreement, the players union decertified and the owners declared a lockout just after midnight.



Lockout Becomes Part of Playbook



Q. & A.: N.F.L. Lockout

UCONN 76, SYRACUSE 71, OT

Everything Falls in Line for Walker and UConn

By MIKE OGLE

Kemba Walker broke the Big East tournament scoring record as the Huskies won their fourth game in four days.



Louisville 83, Notre Dame 77, OT: Louisville Erases Deficit and Heads to the Final



Slide Show: Big East Replay: March 11

Not Just Another Title Run for Rebounding Tar Heels

By VIV BERNSTEIN

As improbable as it might have seemed even a few weeks ago, the Tar Heels are back in the national title picture.



College Roundup: Fredette's 52 Points Help Revive B.Y.U.



Interactive: N.C.A.A. Bracket

• [More Sports News »](#)

ARTS

CRITIC'S NOTEBOOK

Emancipating History

By EDWARD ROTHSTEIN

Signs of slavery abound around Charleston, but until the 1990s they were often missing from museums there.



Slide Show

Celestial Sales For Boy's Tale Of Heaven

By JULIE BOSMAN

"Heaven Is for Real," an account of a 3-year-old boy's going to heaven and meeting Jesus, has taken paperback best-seller lists by storm.

MUSIC REVIEW

Salonen and the Big Sounds of a Small European Nation

By ANTHONY TOMMASINI

Esa-Pekka Salonen leads the New York Philharmonic in a Hungarian Echoes festival at Avery Fisher Hall.

• [More Arts News »](#)

TRAVEL

14 Easy Weekend Getaways

By MICHÈLLE HIGGINS

From New York to Portland, Ore. (and cities in between), quick trips that can have you poolside - or cliff diving - in half a day.



Slide Show: 14 Easy Weekend Getaways

Getting Your Own Slice of Prince William's Wedding

By JENNIFER CONLIN

Not invited? That doesn't mean you can't eat, drink and shop as the royals do.

PRACTICAL TRAVELER

Is There a Right Way to Spend Money When Traveling?

By KEVIN SALWEN

One man's guide to ethical spending, tipping and giving when on the road.

• [More Travel News »](#)

EDITORIALS

EDITORIAL

Gas Prices and a Sane Energy Policy

Republicans are determined to undermine President Obama on energy policy. How hard will he fight back?

EDITORIAL

Mr. King's Sound and Fury

In building a Congressional hearing around his foolish, hurtful claims about Muslim Americans, Representative Peter King demeaned the crucial issue of homeland security.

EDITORIAL

No Way to Run a Democracy

With its arrests of journalists, the Turkish government betrays the country's democratic ideals.

EDITORIAL

Nafta's Unfinished Business

The United States must do what it promised 17 years ago and open American highways to all approved Mexican trucks.

• [More Opinion »](#)

OP-ED

OP-ED COLUMNIST

Eye of the Newt

By GAIL COLLINS

Thanks to Newt Gingrich, we have learned of the link between patriotism and adultery.



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OP-ED COLUMNIST

The Master Key

By BOB HERBERT

A national infrastructure bank, proposed by Senator John Kerry, could bypass the current austerity tide.



[Columnist Page](#)

OP-ED COLUMNIST

The Biggest Losers

By CHARLES M. BLOW

Reducing childhood obesity should be an all-hands-on-deck issue, including the hands of the government.



[Columnist Page](#)

OP-ED CONTRIBUTORS

Homeward Bond

By NGOZI OKONJO-IWEALA and DILIP RATHA

Giving migrants better opportunities to invest in Africa.

• [More Opinion »](#)

ON THIS DAY

On March 12, 1947, President Truman established what became known as the Truman Doctrine to help Greece and Turkey resist Communism.

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Subject: Today's Headlines & Columnists
Date: Saturday, March 12, 2011 6:27:36 AM



Saturday, March 12, 2011

TODAY'S HIGHLIGHTS

Explosion rocks quake-damaged nuclear power plant in Japan: 5 reactors in peril

An explosion rocked one of Japan's nuclear power plants, causing a portion of a building to crumble, sending white smoke billowing into the air and prompting Japanese officials to warn those in the vicinity to cover their mouths and stay indoors.

(By Steven Mufson, The Washington Post)

Japan devastated by 8.9-magnitude quake, tsunami

(By Chico Harlan, The Washington Post)

Japan earthquake, tsunami spare major economic zones but threaten recession recovery

(By Howard Schneider, The Washington Post)

Obama offers tempered support for Libya rebels

(By Scott Wilson and Edward Cody, The Washington Post)

NFL lockout is now in effect: pro football enters first work stoppage since 1987

(By Mark Maske and Amy Shipley, The Washington Post)

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POLITICS

Health-care law fuels abortion wars

A year after its passage, the federal health-care overhaul is opening fresh battlefields in an old and bitter debate. Almost immediately after the law took effect, five states passed bills that will prohibit private insurance plans sold on new state-based marketplaces from covering abortion, except...

(By N.C. Aizenman, The Washington Post)

American Muslim groups react to views presented in controversial hearing

Some believe organizations aren't understood

(By Michelle Boorstein, The Washington Post)

Gas prices, Japan and leadership likely to dominate at Obama's news conference

(By Perry Bacon Jr., The Washington Post)

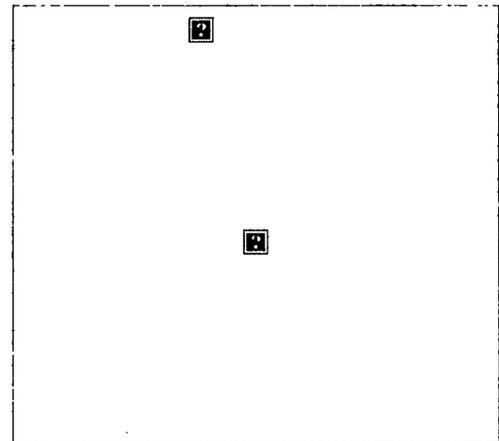
Obama repeats call for Gaddafi to step down, pledges help for Japan

(By Perry Bacon Jr. and Zachary A. Goldfarb, The Washington Post)

Wisconsin Governor Scott Walker officially cuts collective bargaining

(By SCOTT BAUER, AP)

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HY/38

[More Politics](#)

NATION

Giffords's doctors say Arizona congresswoman is 'making leaps and bounds'

Six weeks into rehabilitation after suffering a gunshot wound in the head, Rep. Gabrielle Giffords (D-Ariz.) is able to follow conversations, occasionally speak in full sentences, express emotion and walk with assistance, according to physicians.

(By David Brown, The Washington Post)

Obama offers tempered support for Libya rebels

(By Scott Wilson and Edward Cody, The Washington Post)

After Japan earthquake, D.C. area residents scramble for information

(By David Nakamura, The Washington Post)

Obama repeats call for Gaddafi to step down, pledges help for Japan

(By Perry Bacon Jr. and Zachary A. Goldfarb, The Washington Post)

[More Nation](#)

WORLD

Explosion rocks quake-damaged nuclear power plant in Japan: 5 reactors in peril

An explosion rocked one of Japan's nuclear power plants, causing a portion of a building to crumble, sending white smoke billowing into the air and prompting Japanese officials to warn those in the vicinity to cover their mouths and stay indoors.

(By Steven Mufson, The Washington Post)

Five Jewish settlers killed in their home by Palestinian, Israeli army says

(By Janine Zacharia, The Washington Post)

Businessman escapes Libya posing as Gaddafi loyalist

(By Tara Bahrapour and Samuel Sockol, The Washington Post)

After Japan earthquake, D.C. area residents scramble for information

(By David Nakamura, The Washington Post)

Japan was ready for an earthquake, but not this one

(By Chico Harlan, The Washington Post)

[More World](#)

METRO

Maryland House turns back bill that would legalize same-sex marriage

The move halts momentum in a year in which backers thought they would win.

(By John Wagner, The Washington Post)

After Japan earthquake, D.C. area residents scramble for information

(By David Nakamura, The Washington Post)

DC, MD, VA lottery

(The Washington Post)

[More Metro](#)

BUSINESS

Apple's iPad 2 augments but doesn't reinvent the tablet

People lined up for blocks to buy an incremental update to an established product. In the gadget market, that's not ordinarily rational behavior. But Apple's iPad and the iPad 2 that arrived in stores Friday are not ordinary gadgets.

(By Rob Pegoraro, The Washington Post)

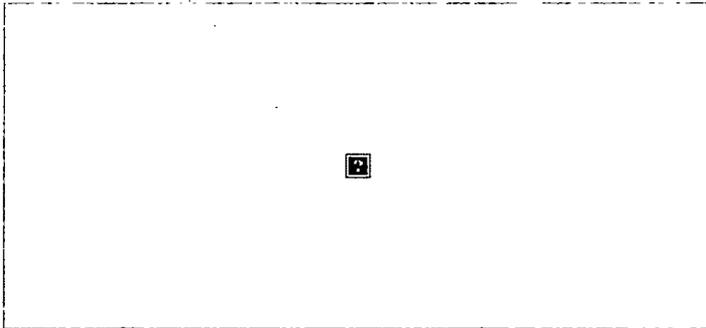
Japan earthquake, tsunami spare major economic zones but threaten recession recovery

(By Howard Schneider, The Washington Post)

Explosion rocks quake-damaged nuclear power plant in Japan: 5 reactors in peril

(By Steven Mufson, The Washington Post)

[More Business](#)



SPORTS

USC suspends basketball coach Kevin O'Neill for rest of Pac-10 tournament

LOS ANGELES -- Southern California coach Kevin O'Neill was suspended for the rest of the Pac-10 tournament Friday after getting into a verbal confrontation with an Arizona booster.

(By Beth Harris, AP)

Iditarod: Neff reaches Anvik checkpoint, receives gourmet meal

(By MARY PEMBERTON, AP)

Japanese ballplayers seek news following earthquake, tsunami

(By The Associated Press, AP)

NCAA basketball: Navy, American meet for Patriot League women's title

(By Gene Wang, The Washington Post)

John Wall, Blake Griffin face off for first time

(By Michael Lee, The Washington Post)

[More Sports](#)

STYLE

How many clues does one need to give an overly sexy dresser?

Adapted from a recent online discussion. Dear Carolyn: My 22-year-old cousin is living with me while she completes an internship in my area. She

hopes to be hired at the end of the year. But she dresses . . . kinda slutty: knee socks paired with plaid miniskirts and tops that are way tight and wa...
(By Carolyn Hax, The Washington Post)

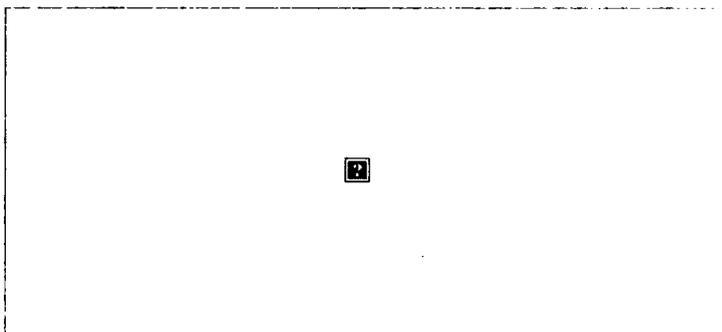
TV highlights March 12-13, 2011: 'Battle of Los Angeles,' 'Sister Wives'

(The Washington Post)

Going Out Guide

(The Washington Post)

More Style



TODAY'S ...

[Comics](#) | [Crosswords](#) | [Sudoku](#) | [Horoscopes](#) | [Movie Showtimes](#) | [Most E-mailed Articles](#) | [Tom Toles Editorial Cartoons and Sketches](#) | [Traffic](#) | [TV Listings](#) | [Weather](#)

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From: [Don Beckman](#)
To: [Sam Collins](#); [Patrick S. Thurman](#); [Virgilio, Martin](#)
Subject: NYTimes: Explosion Rocks Japan Nuclear Plant After Quake
Date: Saturday, March 12, 2011 11:10:45 AM

From The New York Times:

Explosion Rocks Japan Nuclear Plant After Quake

Despite the explosion, officials said radiation leaks from the plant were receding and that a major meltdown was not imminent.

<http://nyti.ms/e3ZtBR>

Get The New York Times on your iPhone for free by visiting <http://itunes.com/apps/nytimes>

Sent from my iPhone

44/39

From: OPA Resource
To: Ash, Darren; Barkley, Richard; Batkin, Joshua; Bell, Hubert; Belmore, Nancy; Bergman, Thomas; Bollwerk, Paul; Bonaccorso, Amy; Borchart, Bill; Bozin, Sunny; Brenner, Eliot; Brock, Terry; Brown, Boris; Bubar, Patrice; Burnell, Scott; Burns, Stephen; Carpenter, Cynthia; Chandrathil, Prema; Clark, Theresa; Collins, Elmo; Couret, Ivonne; Crawford, Carrie; Cutler, Iris; Dacus, Eugene; Dapas, Marc; Davis, Roger; Dean, Bill; Decker, David; Dricks, Victor; Droggitis, Spiros; Flory, Shirley; Franovich, Mike; Gibbs, Catina; Hanev, Catherine; Hannah, Roger; Harbuck, Craig; Harrington, Holly; Hasan, Nasreen; Hayden, Elizabeth; Holahan, Gary; Holahan, Patricia; Holian, Brian; Jacobssen, Patricia; Jaczko, Gregory; Jasinski, Robert; Jenkins, Verlyn; Johnson, Michael; Jones, Andrea; Kock, Andrea; Kotzalas, Margie; Ledford, Joey; Lee, Samson; Leeds, Eric; Lepre, Janet; Lew, David; Lewis, Antoinette; Loyd, Susan; Magwood, William; McCrary, Cheryl; McGrady-Finneran, Patricia; McIntyre, David; Mensah, Tanya; Mitlyng, Viktoria; Monninger, John; Montes, David; Nieh, Ho; Ordaz, Vonna; Ostendorff, William; Owen, Lucy; Powell, Amy; Quesenberry, Jeannette; Reddick, Darani; Regan, Christopher; Reyes, Luis; Riddick, Nicole; RidsSecyMailCenter Resource; Riley (OCA), Timothy; Rohrer, Shirley; Samuel, Olive; Satorius, Mark; Schaaf, Robert; Schmidt, Rebecca; Scott, Catherine; Screnci, Diane; Shaffer, Vered; Shane, Raeann; Sharkey, Jeffrey; Sheehan, Neil; Sheron, Brian; Siurano-Perez, Osiris; Steger (Tucci), Christine; Svinicki, Kristine; Tabatabai, Omid; Tannenbaum, Anita; Taylor, Renee; Temp, WDM; Thomas, Ann; Uhle, Jennifer; Uselding, Lara; Vietti-Cook, Annette; Virgilio, Martin; Virgilio, Rosetta; Walker-Smith, Antoinette; Weaver, Doug; Weber, Michael; Weil, Jenny; Werner, Greg; Wiggins, Jim; Williams, Evelyn; Zimmerman, Roy; Zorn, Jason
Subject: Press Release: NRC in Communication with Japanese Regulations
Date: Saturday, March 12, 2011 11:29:33 AM
Attachments: 11-044.docx

Attached for immediate release and posting.

Office of Public Affairs
US Nuclear Regulatory Commission
301-415-8200
opa.resource@nrc.gov

YY/K40



NRC NEWS

U.S. NUCLEAR REGULATORY COMMISSION

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Blog: <http://public-blog.nrc-gateway.gov>

No. 11-044

March 12, 2011

NRC IN COMMUNICATION WITH JAPANESE REGULATORS

Officials at Nuclear Regulatory Commission headquarters in Rockville, Md., have spoken with the agency's counterpart in Japan, offering the assistance of U.S. technical experts. Should the Japanese want to make use of this expertise, NRC staffers with extensive background in boiling-water reactors are available to assist ongoing efforts.

The NRC is coordinating its actions with other Federal agencies as part of the U.S. government response. The NRC is examining all available information as part of the effort to analyze the event and understand its implications both for Japan and the United States. The NRC's headquarters Operations Center is operating on a 24-hour basis.

U.S. nuclear power plants are built to withstand environmental hazards, including earthquakes and tsunamis. Even those plants that are located outside of areas with extensive seismic activity are designed for safety in the event of such a natural disaster. The NRC requires that safety-significant structures, systems, and components be designed to take into account the most severe natural phenomena historically estimated for the site and surrounding area.

For background information on generic operations at a boiling-water reactor, including an animated graphic, visit the NRC's website at www.nrc.gov.

###

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From: Jones, Cynthia
To: HOO Hoc
Cc: Evans, Michele; Virgilio, Martin; Thaggard, Mark
Subject: Fw: New ERF on NEWS, INES Rating: 4, Japan, Power Reactor
Date: Saturday, March 12, 2011 1:24:11 PM

Fyi. Very serious event on the INES scale. Provisional rating.....
(TMI was a level 5)

Cyndi

Cynthia G. Jones, Ph.D.
Sr. Technical Advisor for Nuclear Security,
NRC/NSIR
Sent from blackberry

----- Original Message -----

From: NEWS Automated Mailer <ContactPointNEWS@iaea.org>
To: NEWS.Contact-Point@iaea.org <NEWS.Contact-Point@iaea.org>
Sent: Sat Mar 12 11:04:13 2011
Subject: New ERF on NEWS, INES Rating: 4, Japan, Power Reactor

Dear NEWS User,

This is to notify you as a registered user of the NEWS Web site that an Event Rating Form (ERF) for the Event titled:

"Abnormal rise of radioactive dosage value at site boundary (INES Level 4)"

has as of today, Saturday, 12 March 2011, 17:03:19 UTC, been added to the NEWS Web site. Additional information regarding the ERF is as follows:

Country: Japan
Location/Facility: FUKUSHIMA-DAIICHI-1
Event Type: Power Reactor
Event Date: 2011.03.12

Rating Date: 2011.03.12
ERF Version: Provisional
INES Rating Level: 4

For more detailed information about the ERF, including the related Event and press releases as well as on-site participation in forum discussions, please visit the NEWS Web site at:

<http://www-news.iaea.org/news/>

NEWS Administration

44/41

From: [Weber, Michael](#)
To: [LIA05 Hoc](#)
Cc: [Virgilio, Martin](#); [Brenner, Eliot](#)
Subject: FYI - Good Photos on AOL Photo Form
Date: Saturday, March 12, 2011 2:12:41 PM

Good afternoon. You probably know, but AOL Photo Forum has some good photos of the explosion and damaged reactor building at Fukushima Daiichi-Unit 1.

YX/AZ

From: OPA Resource
To: Ash, Darren; Barkley, Richard; Batkin, Joshua; Bell, Hubert; Belmore, Nancy; Bergman, Thomas; Bollwerk, Paul; Bonaccorso, Amy; Borchart, Bill; Bozin, Sunny; Brenner, Eliot; Brock, Terry; Brown, Boris; Bubar, Patrice; Burnell, Scott; Burns, Stephen; Carpenter, Cynthia; Chandrathil, Prema; Clark, Theresa; Collins, Elmo; Couret, Ivonne; Crawford, Carrie; Cutler, Iris; Dacus, Eugene; Dapas, Marc; Davis, Roger; Dean, Bill; Decker, David; Dricks, Victor; Drogitis, Spiros; Flory, Shirley; Franovich, Mike; Gibbs, Catina; Hanev, Catherine; Hannah, Roger; Harbuck, Craig; Harrington, Holly; Hasan, Nasreen; Hayden, Elizabeth; Holahan, Gary; Holahan, Patricia; Holian, Brian; Jacobssen, Patricia; Jaczko, Gregory; Jasinski, Robert; Jenkins, Verlyn; Johnson, Michael; Jones, Andrea; Kock, Andrea; Kotzalas, Margie; Ledford, Joey; Lee, Samson; Leeds, Eric; Lepre, Janet; Lew, David; Lewis, Antoinette; Loyd, Susan; Magwood, William; McCrary, Cheryl; McGrady-Finneran, Patricia; McIntyre, David; Mensah, Tanya; Mitlyng, Viktoria; Monninger, John; Montes, David; Nieh, Ho; Ordaz, Vonna; Ostendorff, William; Owen, Lucy; Powell, Amy; Quesenberry, Jeannette; Reddick, Darani; Regan, Christopher; Reyes, Luis; Riddick, Nicole; RidsSecyMailCenter Resource; Riley (OCA), Timothy; Rohrer, Shirley; Samuel, Olive; Satorius, Mark; Schaaf, Robert; Schmidt, Rebecca; Scott, Catherine; Screnci, Diane; Shaffer, Vered; Shane, Raeann; Sharkey, Jeffry; Sheehan, Neil; Sheron, Brian; Siurano-Perez, Osiris; Steger (Tucci), Christine; Svinicki, Kristine; Tabatabai, Omid; Tannenbaum, Anita; Taylor, Renee; Temp, WDM; Thomas, Ann; Uhle, Jennifer; Uselding, Lara; Vietti-Cook, Annette; Virgilio, Martin; Virgilio, Rosetta; Walker-Smith, Antoinette; Weaver, Doug; Weber, Michael; Weil, Jenny; Werner, Greg; Wiggins, Jim; Williams, Evelyn; Zimmerman, Roy; Zorn, Jason
Subject: Press Release: NRC Experts Deploy to Japan as Part of U.S. Government Response
Date: Saturday, March 12, 2011 2:27:12 PM
Attachments: 11-045.docx

For immediate release and posting.

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NRC NEWS

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Blog: <http://public-blog.nrc-gateway.gov>

No. 11-045

March 12, 2011

NRC EXPERTS DEPLOY TO JAPAN AS PART OF U.S. GOVERNMENT RESPONSE

Two officials from the U.S. Nuclear Regulatory Commission with expertise in boiling water nuclear reactors have deployed to Japan as part of a U.S. International Agency for International Development (USAID) team. USAID is the federal government agency primarily responsible for providing assistance to countries recovering from disaster administering.

“We have some of the most expert people in this field in the world working for the NRC and we stand ready to assist in any way possible,” said Chairman Gregory Jaczko.

The NRC has stood up its Maryland-based headquarters Operations Center since the beginning of the emergency in Japan, and is operating on a 24-hour basis.

The NRC will not provide information on the status of that country’s nuclear power plants. Check the NRC web site or blog for the latest information on NRC actions. Other sources of information include:

USAID -- www.usaid.gov

U.S. Dept. of State -- www.state.gov

FEMA -- www.fema.gov

White House -- www.whitehouse.gov

Nuclear Energy Institute -- www.nei.org

International Atomic Energy Agency -- www.iaea.org/press/

For background information on generic operations at a boiling-water reactor, including an animated graphic, visit the NRC’s website at www.nrc.gov.

###

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From: NYTimes.com
To: [Virgilio, Martin](#)
Subject: Today's Headlines: Japanese Scramble to Avert Meltdowns as Nuclear Crisis Deepens After Quake
Date: Sunday, March 13, 2011 5:06:12 AM

If you have trouble reading this e-mail, go to: <http://www.nytimes.com/indexes/2011/03/13/todaysheadlines/index.html>



Today's Headlines

March 13, 2011

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TOP NEWS



Japanese Scramble to Avert Meltdowns as Nuclear Crisis Deepens After Quake

By HIROKO TABUCHI and MATTHEW L. WALD

Japanese officials said Sunday they presumed partial meltdowns had occurred at two crippled reactors and that they were facing serious cooling problems at three more.



[Interactive Feature: The Crippled Japanese Nuclear Reactors](#)



[Danger Posed by Radioactivity in Japan Hard to Assess](#)



[Nuclear Industry Braces for Increased Scrutiny](#)

Japan Pushes to Rescue Survivors as Quake Toll Rises

By MARTIN FACKLER and MARK McDONALD

Japan mobilized a nationwide rescue effort for survivors in collapsed buildings and for thousands without water, electricity, heat or telephone service.



[Photographs](#) | [Maps](#)



[Readers' Photos](#) | [Send In Your Own](#)



[The Lede Blog: Video of the Earthquake and Tsunami](#) | [How to Help](#)

Arab League Endorses No-Flight Zone Over Libya

By ETHAN BRONNER and DAVID E. SANGER

Forces loyal to Col. Muammar el-Qaddafi pushed rebels eastward as the Arab League asked the U.N. Security Council to impose a no-flight zone.



[Photographs](#) | [Map](#)



[U.S. to Name a Liaison to Libyan Rebels](#)



[European Leaders Don't Rule Out Armed Intervention in Libyan Conflict](#)

[NYTimes.com Home Page](#) »

QUOTATION OF THE DAY

"I have no electricity, no water, no cell phone, no telephone. I have no idea what's happening."
CHIYAKO ITO, a 72-year-old rice farmer, whose farm was hit by Japan's earthquake and tsunami.

44/44

WORLD

 **INTERACTIVE**
FEATURE: A Closer Look at the Damage From the Earthquake and Tsunami in Japan

Zoom in on images and examine scenes of the destruction in Japan.

OPINION

OP-CHART

 **OP-CHART: The Pentagon's Biggest Boondoggles**

By JOHN ARQUILLA and FOGELSON-LUBLINER
Reductions in the Pentagon budget that wouldn't harm national security.

2011 International Motor Show

ALSO IN AUTOS »

- Taking the Mini to the max
- Jaguar E-Type is still desired

WORLD

Nuclear Emergency Is Worst in Decades

By ANAHAD O'CONNOR

The full extent of the damage at the Fukushima Daiichi Nuclear Power Station in Japan is yet to be determined.

On Edge of Disaster, Town Reels From Tsunami

By MARTIN FACKLER

The scenes of destruction in one sleepy town are especially frightening because they are far from the worst-hit areas.

 Week in Review: The Limits of Safeguards | The Power of Water

 Interactive Feature: A Closer Look at the Damage

Veering From Peaceful Models, Libya's Youth Revolt Turns Toward Chaos

By ANTHONY SHADID

Libya has turned in a new, darker direction as the rebel movement born out of protest has become an armed uprising lacking coordination and leadership.

• [More World News »](#)

U.S.

For Wisconsin Lawmakers, a Hero's Homecoming

By A. G. SULZBERGER

There was a warm reception for Democrats who had left in a failed effort to block a bill weakening public unions.

 Union Bill Is Law, but Debate Is Far From Over

 Slide Show: For Errant Lawmakers, A Hero's Homecoming

Itinerant Life Weighs on Farmworkers' Children

By PATRICIA LEIGH BROWN

Schools in migrant communities struggle against mobility, violence and low academic expectations.



A Journey From Field to School

DEERFIELD BEACH JOURNAL

A Golf Course Shooting Shakes the Notion of Refuge

By DON VAN NATTA Jr.

The killing of two golfers by masked robbers has shaken the culture of Florida's many golf courses.

• [More U.S. News »](#)

BUSINESS

A Changed Starbucks. A Changed C.E.O.

By CLAIRE CAIN MILLER

Howard Schultz was humbled as Starbucks closed stores in the recession. Now he is thinking more like a manager and less like an entrepreneur.

Give Up Familiar Light Bulb? Not Without Fight, Some Say

By EDWARD WYATT

A law on light bulb efficiency due to take effect next year has brought a frenzy of activity to get the law repealed or, at least, to stockpile the bulbs before they disappear from store shelves.

Google's Quest to Build a Better Boss

By ADAM BRYANT

A company study found that a manager's technical skills were far less valued by employees than people skills.

• [More Business News »](#)

SPORTS

UCONN 69, LOUISVILLE 66

For a Fifth and Final Day, Walker Carries UConn

By PETE THAMEL

Kemba Walker completed one of the best weeks by a player in college basketball history by scoring 19 points against Louisville in the Big East championship game.



Slide Show: Big East Replay



Miscues Cost Louisville the Chance to Play Spoiler

PRINCETON 63, HARVARD 62

Princeton Pauses but Still Beats Buzzer on Way to N.C.A.A. Bid

By BILL PENNINGTON

Princeton's win in a one-game playoff sent the Tigers to the N.C.A.A. tournament for the first time in seven years.



Pearl Presses On While Awaiting N.C.A.A. Reckoning

Kept Off Court, but Welcomed by B.Y.U. Fans and Teammates

By JOHN BRANCH

Brandon Davies's suspension for an honor code violation may have wrecked Brigham Young's title chances, but he has been welcomed back by teammates and fans.

• [More Sports News »](#)

ARTS

Different Strokes

By MELENA RYZIK

For its first album in five years, "Angles," the Strokes have embraced a newfound sense of group dynamics.

Don't Take This Hunk at Face Value

By JONAH WEINER

The actor Bradley Cooper will be a team player in "The Hangover Part II" and a leading man in "Limitless."



Photos: Bradley Cooper | Anatomy of a Scene: 'Limitless'

Now Playing: The Usual Chaos

By MANOHLA DARGIS and A. O. SCOTT

The Times's chief film critics debate whether movies are better or worse than ever, and invite you into the discussion.

• [More Arts News »](#)

MAGAZINE

Is it Dunk and Done for Perry Jones?

By MICHAEL SOKOLOVE

When the most-gifted players, like Baylor's phenom, stay for only one season, it's hard not to wonder how much college basketball matters.



On the N.C.A.A. Benching of Perry Jones

Gangsta Folk

By ROB HOERBURGER

Keren Ann sings softly - oh, so softly - of the dark side.



The Playlist

The Ascension of Peter Zumthor

By MICHAEL KIMMELMAN

"Normally architects render a service. They implement what other people want. This is not what I do."



Slide Show

• [More From the Magazine »](#)

EDITORIALS

EDITORIAL

Medicaid and the N.Y. Budget: Sensible Cuts, and Little Political Flak

In getting the state's major health care providers and workers' union to agree to a Medicaid spending limit, Gov. Andrew Cuomo has achieved a significant victory.

EDITORIAL

Medicaid and the N.Y. Budget: A Bad Deal on Malpractice

There are better and fairer ways to reform the malpractice system and save money than a one-size-fits-all cap on payments.

EDITORIAL | THE RURAL LIFE

Marvel and Persistence

By VERLYN KLINKENBORG

Standing in awe at the perseverance of objects, animate and inanimate.

• [More Opinion »](#)

OP-ED

OP-ED COLUMNIST

Confessions of a Recovering Op-Ed Columnist

By FRANK RICH

Frank Rich discusses how he came to be a columnist for The Times 17 years ago, and why he decided to move on.



Columnist Page

OP-ED COLUMNIST

In Search of Monsters

By MAUREEN DOWD

Paul Wolfowitz has lost the right to be moral arbiter on matters of war. He just doesn't know it.



Columnist Page

OP-ED COLUMNIST

Pay Teachers More

By NICHOLAS D. KRISTOF

Remember when public schools paid almost as well as law firms?



Columnist Page | Blog

OP-ED COLUMNIST

The Happynomics of Life

By ROGER COHEN

The British case for measuring the happiness of a society, rather than G.D.P. alone, has become compelling.



Columnist Page

OP-ED CONTRIBUTOR

How the Internet Tried to Kill Me

By ZICK RUBIN

When Googling yourself, be ready for an existential crisis.

OP-ED CONTRIBUTOR

The Digital Pileup

By SHELLEY PODOLNY

Our culture's reluctance to hit the delete button has economic costs. Plus, all that data is hard to access.

THE PUBLIC EDITOR

A Cocktail Party With Readers

By ARTHUR S. BRISBANE

Is Twitter a good thing for journalists, or an epic waste of time?



More Public Editor Columns



Web Journal

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ON THIS DAY

On March 13, 1868, the impeachment trial of President Andrew Johnson began in the United States Senate.

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From: [The Washington Post](#)
To: [Virgilio, Martin](#)
Subject: Today's Headlines & Columnists
Date: Sunday, March 13, 2011 5:24:33 AM



Sunday, March 13, 2011

TODAY'S HIGHLIGHTS

[Japan begins grim relief mission with towns flooded, thousands reported missing](#)

Rescue teams searched through matchstick rubble Saturday for thousands of people missing in flooded areas of northeastern Japan, beginning one of the most complex relief efforts in history.

(By Chico Harlan, The Washington Post)

[Partial meltdown at nuclear plant 'highly possible,' Japanese official says](#)

(By Steven Mufson, The Washington Post)

[In Va. assault case, anxious parents recognize 'dark side of autism'](#)

(By Theresa Vargas, The Washington Post)

[In Libya, an underground jail a daunting reminder of Moammar Gaddafi's grip](#)

(By Sudarsan Raghavan, The Washington Post)

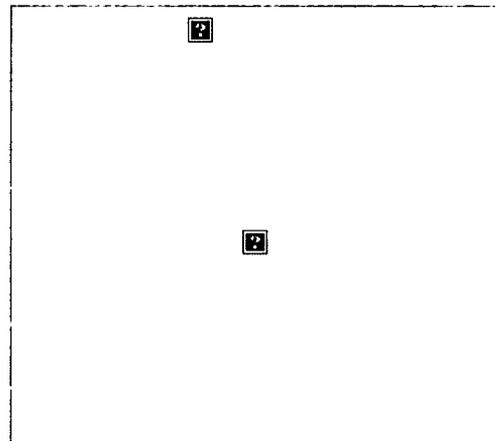
[NCAA tournament: Will bigger field scare folks out of the pools?](#)

(By Eric Prisbell, The Washington Post)

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WORLD

[Japan begins grim relief mission with towns flooded, thousands reported missing](#)

Rescue teams searched through matchstick rubble Saturday for thousands of people missing in flooded areas of northeastern Japan, beginning one of the most complex relief efforts in history.

(By Chico Harlan, The Washington Post)

[In Libya, an underground jail a daunting reminder of Moammar Gaddafi's grip](#)

(By Sudarsan Raghavan, The Washington Post)

[More World](#)

METRO

[Facing budget cuts, Pr. George's county risks losing busing to its best programs](#)

They find themselves in the center of a larger debate during a period of dwindling resources and shifting priorities.

(By Robert Samuels, The Washington Post)

44/45

In Va. assault case, anxious parents recognize 'dark side of autism'

(By Theresa Vargas, The Washington Post)

[More Metro](#)

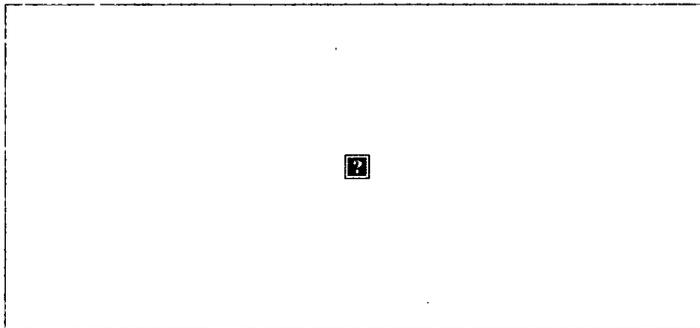
BUSINESS

Partial meltdown at nuclear plant 'highly possible,' Japanese official says

Japanese authorities said Sunday that efforts to restart the cooling system at one of the nuclear reactors damaged by Friday's earthquake had failed, even as officials struggled to bring several other damaged reactors under control.

(By Steven Mufson, The Washington Post)

[More Business](#)



SPORTS

NCAA basketball: Navy women beat American, earn first NCAA tournament bid

A trio of freshman propel the Midshipmen past the Eagles in the Patriot League tournament final.

(By Gene Wang, The Washington Post)

NCAA basketball: Douglas Davis's buzzer-beater sends Princeton to the Ivy League title

(By Kathy Orton, The Washington Post)

Bryant struggles and still leads Lakers over Mavs

(By Stephen Hawkins, AP)

Potomac Falls boys' basketball team repeats as Virginia AA Division 4 champion

(By Matt Brooks, The Washington Post)

Maryland 4A boys' championship: North Point wins SMAC's first title since 1972

(By Josh Barr, The Washington Post)

[More Sports](#)

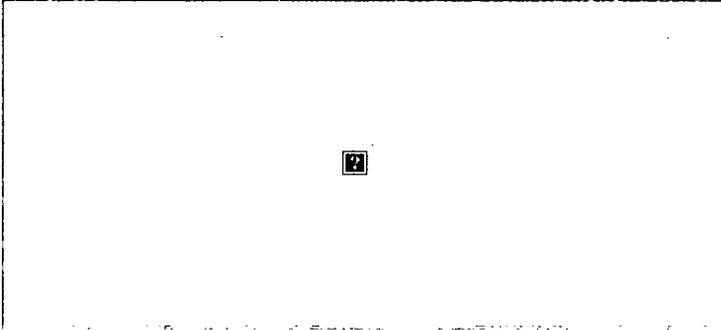
STYLE

Obama gets laughs at first Gridiron Club dinner as president

It took three attempts, but the Gridiron Club -- a vestige of swampland-era Washington -- finally got President Obama to show up for their annual dinner Saturday night. And yet what did they get? No respect, we tell you -- no respect! How exciting, the president told the 650 guests at the

downtown...
(The Reliable Source, washingtonpost.com)

[More Style](#)



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From: Len.Creswell@hse.gsi.gov.uk
To: [Borchardt, Bill](#)
Cc: Derek.Lacey@hse.gsi.gov.uk; Colin.Patchett@hse.gsi.gov.uk; Kevin.Allars@hse.gsi.gov.uk; Mike.Weightman@hse.gsi.gov.uk; [HOO Hoc](#); [Leeds, Eric](#); [Doane, Margaret](#); [Virgilio, Martin](#)
Subject: RE: Contact point for sharing assessment on Japan position
Date: Sunday, March 13, 2011 10:02:42 AM

Bill

Many thanks - we too have our response centre going which is currently being run by Derek Lacey.

Len

Len Creswell
Nuclear Directorate, Health & Safety Executive
4N.G Redgrave Court, Merton Road, Bootle, L20 7HS

Tel: 0151 951 3376
VPN: 523 3376
e.mail len.creswell@hse.gsi.gov.uk

To find out more about Generic Design Assessment (GDA) - log onto
www.hse.gov.uk/newreactors/index.htm

Receive the latest news and information on GDA - subscribe to our free e:mail bulletin -
<http://www.hse.gov.uk/newreactors/ebulletin.htm>

From: Borchardt, Bill [<mailto:Bill.Borchardt@nrc.gov>]
Sent: 13 March 2011 13:57
To: Len Creswell; Leeds, Eric; Doane, Margaret; Virgilio, Martin
Cc: Derek Lacey; Colin Patchett; Kevin Allars; Mike Weightman; HOO Hoc
Subject: Re: Contact point for sharing assessment on Japan position

Len,

We have staffed our operations center since initiation of the event. We have an international liaison position that will get in touch with you.

Bill Borchardt
Via blackberry

From: Len.Creswell@hse.gsi.gov.uk <Len.Creswell@hse.gsi.gov.uk>
To: Borchardt, Bill; Borchardt, Bill; Leeds, Eric
Cc: Derek.Lacey@hse.gsi.gov.uk <Derek.Lacey@hse.gsi.gov.uk>; Colin.Patchett@hse.gsi.gov.uk <Colin.Patchett@hse.gsi.gov.uk>; Kevin.Allars@hse.gsi.gov.uk <Kevin.Allars@hse.gsi.gov.uk>; Mike.Weightman@hse.gsi.gov.uk <Mike.Weightman@hse.gsi.gov.uk>
Sent: Sun Mar 13 09:42:13 2011
Subject: Contact point for sharing assessment on Japan position

Bill & Eric

We here in the UK are tracking and assessing what is happening with the reactors in Japan. I'm sure NRC is doing the same.

44/46

We are keen to share and exchange information on our assessments of events in Japan. Have you a contact point we could use?.

Len

Len Creswell
Nuclear Directorate, Health & Safety Executive
4N.G Redgrave Court, Merton Road, Bootle, L20 7HS

Tel: 0151 951 3376
VPN: 523 3376
e.mail len.creswell@hse.gsi.gov.uk

*To find out more about Generic Design Assessment (GDA) - log onto
www.hse.gov.uk/newreactors/index.htm*

*Receive the latest news and information on GDA - subscribe to our free e:mail bulletin -
<http://www.hse.gov.uk/newreactors/ebulletin.htm>*

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www.hse.gov.uk
Or contact the HSE Infoline on 0845 345 0055 or email hse.infoline@natbrit.com

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From: Borchardt, Bill
To: "Derek.Lacey@hse.gsi.gov.uk"
Cc: "Len.Creswell@hse.gsi.gov.uk"; Virgilio, Martin; Doane, Margaret; HOO Hoc
Subject: Re: Contact point for sharing assessment on Japan position
Date: Sunday, March 13, 2011 10:21:27 AM

The best method is to call our ops center (301-816-5100). They will help arrange the call.
Bill Borchardt
Via blackberry

From: Derek.Lacey@hse.gsi.gov.uk <Derek.Lacey@hse.gsi.gov.uk>
To: Borchardt, Bill
Cc: Len.Creswell@hse.gsi.gov.uk <Len.Creswell@hse.gsi.gov.uk>
Sent: Sun Mar 13 10:00:03 2011
Subject: RE: Contact point for sharing assessment on Japan position

Bill

Many Thanks

Mike Weightman is trying to get in contact with your Chairman - are you able to provide contact details.

Derek Lacey
From NII incident centre

From: Borchardt, Bill [mailto:Bill.Borchardt@nrc.gov]
Sent: 13 March 2011 13:57
To: Len Creswell; Leeds, Eric; Doane, Margaret; Virgilio, Martin
Cc: Derek Lacey; Colin Patchett; Kevin Allars; Mike Weightman; HOO Hoc
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Cc: Derek.Lacey@hse.gsi.gov.uk <Derek.Lacey@hse.gsi.gov.uk>; Colin.Patchett@hse.gsi.gov.uk <Colin.Patchett@hse.gsi.gov.uk>; Kevin.Allars@hse.gsi.gov.uk <Kevin.Allars@hse.gsi.gov.uk>; Mike.Weightman@hse.gsi.gov.uk <Mike.Weightman@hse.gsi.gov.uk>
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44/47

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From: [Virgilio, Martin](#)
To: [Collins, Elmo](#)
Subject: Re: Fyi: Mitigating steps
Date: Sunday, March 13, 2011 10:43:17 AM

Elmo

Yes. It has come up several times. We are also wondering if they have a hardened vent

Marty

----- Original Message -----

From: Collins, Elmo
To: Virgilio, Martin
Sent: Sun Mar 13 08:41:42 2011
Subject: Fyi: Mitigating steps

I'm sure folks have considered how a good set of b5b provision would have helped in circumstances such as those in Japan
Elmo

44/48

From: OPA Resource
To: Ash, Darren; Barkley, Richard; Batkin, Joshua; Bell, Hubert; Belmore, Nancy; Bergman, Thomas; Bollwerk, Paul; Bonaccorso, Amy; Borchardt, Bill; Bozin, Sunny; Brenner, Eliot; Brock, Terry; Brown, Boris; Bubar, Patrice; Burnell, Scott; Burns, Stephen; Carpenter, Cynthia; Chandrathil, Prema; Clark, Theresa; Collins, Elmo; Couret, Ivonne; Crawford, Carrie; Cutler, Iris; Dacus, Eugene; Dapas, Marc; Davis, Roger; Dean, Bill; Decker, David; Dricks, Victor; Droggitis, Spiros; Flory, Shirley; Franovich, Mike; Gibbs, Catina; Haney, Catherine; Hannah, Roger; Harbuck, Craig; Harrington, Holly; Hasan, Nasreen; Hayden, Elizabeth; Holahan, Gary; Holahan, Patricia; Holian, Brian; Jacobssen, Patricia; Jaczko, Gregory; Jasinski, Robert; Jenkins, Verlyn; Johnson, Michael; Jones, Andrea; Kock, Andrea; Kotzalas, Margie; Ledford, Joey; Lee, Samson; Leeds, Eric; Lepre, Janet; Lew, David; Lewis, Antoinette; Loyd, Susan; Magwood, William; McCrary, Cheryl; McGrady-Finneran, Patricia; McIntyre, David; Mensah, Tanya; Mityng, Viktoria; Monninger, John; Montes, David; Nieh, Ho; Ordaz, Vonna; Ostendorff, William; Owen, Lucy; Powell, Amy; Quesenberry, Jeannette; Reddick, Darani; Regan, Christopher; Reyes, Luis; Riddick, Nicole; RidsSecyMailCenter Resource; Riley (OCA), Timothy; Rohrer, Shirley; Samuel, Olive; Satorius, Mark; Schaaf, Robert; Schmidt, Rebecca; Scott, Catherine; Screnci, Diane; Shaffer, Vered; Shane, Raeann; Sharkey, Jeffry; Sheehan, Neil; Sheron, Brian; Siurano-Perez, Osiris; Steger (Tucci), Christine; Svinicki, Kristine; Tabatabai, Omid; Tannenbaum, Anita; Taylor, Renee; Temp, WDM; Thomas, Ann; Uhle, Jennifer; Uselding, Lara; Vietti-Cook, Annette; Virgilio, Martin; Virgilio, Rosetta; Walker-Smith, Antoinette; Weaver, Doug; Weber, Michael; Weil, Jenny; Werner, Greg; Wiggins, Jim; Williams, Evelyn; Zimmerman, Roy; Zorn, Jason
Subject: Press Release Being Published Shortly
Date: Sunday, March 13, 2011 2:23:42 PM
Attachments: 11-046.docx

Press Release – NRC Sees No Radiation At Harmful Levels Reaching U.S.

44/49



NRC NEWS

U.S. NUCLEAR REGULATORY COMMISSION

Office of Public Affairs Telephone: 301/415-8200

Washington, D.C. 20555-0001

E-mail: opa.resource@nrc.gov Site: www.nrc.gov

Blog: <http://public-blog.nrc-gateway.gov>

No. 11-046

March 13, 2011

NRC SEES NO RADIATION AT HARMFUL LEVELS REACHING U.S. FROM DAMAGED JAPANESE NUCLEAR POWER PLANTS

The Nuclear Regulatory Commission is coordinating with the Department of Energy and other federal agencies in providing whatever assistance the Japanese government requests as they respond to conditions at several nuclear power plant sites following the March 11 earthquake and tsunami. The NRC has sent two boiling-water reactor experts to Japan as part of a U.S. Agency for International Development team.

In response to nuclear emergencies, the NRC works with other U.S. agencies to monitor radioactive releases and predict their path. All the available information indicates weather conditions have taken the small releases from the Fukushima reactors out to sea away from the population. Given the thousands of miles between the two countries, Hawaii, Alaska, the U.S. Territories and the U.S. West Coast are not expected to experience any harmful levels of radioactivity.

During a nuclear event the NRC has requirements to protect populations around reactors. For instance, the U.S. evacuation standard at 10 miles is roughly equivalent to the 20-kilometer distance recommended in some instances in Japan. The United States also uses sheltering in place and potassium iodide, protective measures also available in Japan.

The NRC will not comment on hour-to-hour developments at the Japanese reactors. This is an ongoing crisis for the Japanese who have primary responsibility.

###

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From: [Weber, Michael](#)
To: [Taylor, Renee](#); [Borchardt, Bill](#); [Cianci, Sandra](#)
Cc: [Virgilio, Martin](#); [Muessle, Mary](#); [Ash, Darren](#); [Dyer, Jim](#)
Subject: Response - calendar
Date: Sunday, March 13, 2011 3:07:05 PM

We'll need to decide what we are doing with the briefing for the Senate EPW staff on the budget. Also, Marty is scheduled to fly to Vienna on Tuesday (I think), so he'll need to come off rotation after Monday.

From: Taylor, Renee
To: Borchardt, Bill; Cianci, Sandra
Cc: Virgilio, Martin; Weber, Michael; Muessle, Mary; Ash, Darren
Sent: Sun Mar 13 14:18:08 2011
Subject: Re: calendar

I was anticipating changes, will plan to be in around 7am.

Renee

From: Borchardt, Bill
To: Taylor, Renee; Cianci, Sandra
Cc: Virgilio, Martin; Weber, Michael; Muessle, Mary; Ash, Darren
Sent: Sun Mar 13 14:05:10 2011
Subject: calendar

We continued staffing the ops center through the weekend due to the Japan events. Please be prepared to make significant adjustments to Monday's calendars since it is possible that Marty, Mike and I will be occupied by continued Japan activities for the first half of the week. At the very least we need to reschedule Monday's lunch for open house winners. We'll touch base with you early Mon when we know more.

Bill

YY/50

From: OPA Resource
To: Ash, Darren; Barkley, Richard; Batkin, Joshua; Bell, Hubert; Belmore, Nancy; Bergman, Thomas; Bollwerk, Paul; Bonaccorso, Amy; Borchartt, Bill; Bozin, Sunny; Brenner, Eliot; Brock, Terry; Brown, Boris; Bubar, Patrice; Burnell, Scott; Burns, Stephen; Carpenter, Cynthia; Chandrathil, Prema; Clark, Theresa; Collins, Elmo; Couret, Ivonne; Crawford, Carrie; Cutler, Iris; Dacus, Eugene; Dapas, Marc; Davis, Roger; Dean, Bill; Decker, David; Dricks, Victor; Droggitis, Spiros; Flory, Shirley; Franovich, Mike; Gibbs, Catina; Haney, Catherine; Hannah, Roger; Harbuck, Craig; Harrington, Holly; Hasan, Nasreen; Hayden, Elizabeth; Holahan, Gary; Holahan, Patricia; Holian, Brian; Jacobssen, Patricia; Jaczko, Gregory; Jasinski, Robert; Jenkins, Verlyn; Johnson, Michael; Jones, Andrea; Kock, Andrea; Kotzalas, Margie; Ledford, Joey; Lee, Samson; Leeds, Eric; Lepre, Janet; Lew, David; Lewis, Antoinette; Loyd, Susan; Magwood, William; McCrary, Cheryl; McGrady-Finneran, Patricia; McIntyre, David; Mensah, Tanya; Mitlyng, Viktoria; Monninger, John; Montes, David; Nieh, Ho; Ordaz, Vonna; Ostendorff, William; Owen, Lucy; Powell, Amy; Quesenberry, Jeannette; Reddick, Darani; Regan, Christopher; Reyes, Luis; Riddick, Nicole; RidsSecyMailCenter Resource; Riley (OCA), Timothy; Rohrer, Shirley; Samuel, Olive; Satorius, Mark; Schaaf, Robert; Schmidt, Rebecca; Scott, Catherine; Screnci, Diane; Shaffer, Vered; Shane, Raeann; Sharkey, Jeffrey; Sheehan, Neil; Sheron, Brian; Siurano-Perez, Osiris; Steger (Tucci), Christine; Svinicki, Kristine; Tabatabai, Omid; Tannenbaum, Anita; Taylor, Renee; Temp, WDM; Thomas, Ann; Uhle, Jennifer; Uselding, Lara; Vietti-Cook, Annette; Virgilio, Martin; Virgilio, Rosetta; Walker-Smith, Antoinette; Weaver, Doug; Weber, Michael; Weil, Jenny; Werner, Greg; Wiggins, Jim; Williams, Evelyn; Zimmerman, Roy; Zorn, Jason
Subject: Revised - NRC Sees No Radiation at Harmful Levels Reaching U.S. From Damaged Japanese Nuclear Power Plants
Date: Sunday, March 13, 2011 4:26:35 PM
Attachments: 11-046.docx

For Immediate Release

44/51



NRC NEWS

U.S. NUCLEAR REGULATORY COMMISSION

Office of Public Affairs Telephone: 301/415-8200

Washington, D.C. 20555-0001

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Blog: <http://public-blog.nrc-gateway.gov>

No. 11-046

March 13, 2011

(Revised)

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The NRC will not comment on hour-to-hour developments at the Japanese reactors. This is an ongoing crisis for the Japanese who have primary responsibility.

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From: [Weber, Michael](#)
To: [Borchardt, Bill](#)
Cc: [Virgilio, Martin](#)
Subject: FYI - I'll Relieve Bill at 2300
Date: Sunday, March 13, 2011 5:17:14 PM

Expect to arrive at the Ops Center at 2230 for turnover. Getting some rest now.

YY/52

From: [Leeds, Eric](#)
To: [Borchardt, Bill](#)
Cc: [Virgilio, Martin](#)
Subject: Fw: Coverage in the Ops Center
Date: Sunday, March 13, 2011 6:25:43 PM

I hope you got the message

----- Original Message -----

From: Grobe, Jack
To: Cohen, Shari; Schwarz, Sherry
Cc: Leeds, Eric; Boger, Bruce; Ruland, William; Lubinski, John; Cheok, Michael; Hiland, Patrick; Gitter, Joseph; McGinty, Tim; Brown, Frederick; Givvines, Mary; Holian, Brian
Sent: Sun Mar 13 18:04:57 2011
Subject: Coverage in the Ops Center

Shari and Sherry

I will be covering the 3pm to 11pm shift in the Ops Center at least early this week. I will likely not be in early tomorrow, but will be a little later. Thanks.

Jack Grobe, Deputy Director, NRR

44/53

From: Taylor, Renee
To: Virgilio, Martin; Cienci, Sandra
Cc: Weber, Michael; Muessle, Mary; Ash, Darren
Subject: Re: calendar
Date: Sunday, March 13, 2011 9:24:45 PM

No problem we'll start working on it first thing.

----- Original Message -----

From: Virgilio, Martin
To: Taylor, Renee; Cienci, Sandra
Cc: Weber, Michael; Muessle, Mary; Ash, Darren
Sent: Sun Mar 13 19:17:25 2011
Subject: Re: calendar

Thanks Renee

I will be in the ops center on day shift so we will need to clear my schedule on Monday. Mike will likely have the day shift on Tues the day I travel

M

44/54

From: Curran, Bridget
To: NSIR DISTRIBUTION
Subject: TAC for Incident Response: Japan Earthquake and Tsunami Drill
Date: Monday, March 14, 2011 7:16:27 AM

Good Morning,

If you have participated in the "Japan Earthquake and Tsunami Drill" that began Friday March 11, 2011, please be sure to apply your time spent on this activity to the TAC Number listed below:

D92374 – Incident Response: Japan Earthquake and Tsunami Drill

This TAC number will not show up in your profile, but you can enter it manually and charge to it.

Thanks,

*Bridget Curran
Program Analyst
NSIR/PMDA/FMB
301-415-1060*

4/1/55

From: Cianci, Sandra
To: Andersen, James; Arildsen, Jesse; Bowman, Gregory; Brock, Kathryn; Corley, Cherrie; Davis, Kristin; Frazier, Alan; Kasputys, Clare; McLaughlin, Terri; Merzke, Daniel; Olive, Karen; Sanfilippo, Nathan; Trapp, James; Trocine, Leigh; Williams, Shawn; Wittick, Brian
Subject: Events Briefing - Marty Virgilio
Date: Monday, March 14, 2011 8:15:50 AM
Importance: High

If you wish to hear a status on Japan from Marty, please meet in O-17B4.

Sandy Cianci

Administrative Assistant to Marty Virgilio, DEDR

Office of the Executive Director for Operations

O-17 H13

301-415-1714

sandra.cianci@nrc.gov

YX/56

From: Trapp, James
To: Casto, Chuck
Subject: RE: anything we need to know
Date: Monday, March 14, 2011 4:14:11 PM

Nothing really - the HQ team will take good care of you.

Glad to have you guys coming.

See you soon. Thanks

From: Casto, Chuck
Sent: Monday, March 14, 2011 2:02 PM
To: Trapp, James
Subject: anything we need to know

Jim,

We're headed out to Tokyo in the morning....anything that we can do for you before we leave?

chuck

4/1/57

From: [RST01 Hoc](#)
To: [Trapp, James](#)
Subject: Do you have a fax number?
Date: Monday, March 14, 2011 11:45:32 PM

Jim,
Do you have a fax number we can send you things at?

44/58

From: [GovExec.com newsletters](#)
To: [Correia, Richard](#)
Subject: GovExec Today: Reorganization begins; Japanese tragedy; and advice from the advisory board
Date: Monday, March 14, 2011 5:05:19 AM



Today

MONDAY, MARCH 14, 2011

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1. **White House officially begins government reorganization**
2. **Government uses new and old media to get its message out after Japan disaster**
3. **From Nextgov.com: Defense prepares response to massive earthquake in Japan**
4. **Corporate leaders advise government on personnel, contracting issues**
5. **SEC told to reorganize and live within its means**
6. **Is D.C. prepared for a tsunami?**
7. **New continuing resolution shows GOP's strong hand**
8. **Japan earthquake live blog**
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1. **White House officially begins government reorganization**

By Robert Brodsky

Presidential memo directs top aides to look for ways to reduce duplication in trade and export agencies.

Full story: http://www.govexec.com/story_page.cfm?articleid=47317&dcn=e_gvet

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2. **Government uses new and old media to get its message out after Japan disaster**

By Kellie Lunney

Press conferences, Twitter help agencies disseminate information on tsunami effects in the U.S.

44/59

Full story: http://www.govexec.com/story_page.cfm?articleid=47319&dcn=e_gvet

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3. **From Nextgov.com: Defense prepares response to massive earthquake in Japan**

By Bob Brewin

High-capacity undersea cable used by military was severed; impact on operations is unclear.

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The new Management Advisory Board is working with the White House on operational management issues.

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By Marc Ambinder, National Journal

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Race to Hire

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12. **Quote of the Day**

We use contractors to write contracts for other contractors.

-- Dan Gordon, administrator of the Office of Federal Procurement Policy, on [government's overdependence on contractors](#).

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To: Corroia, Richard
Subject: HS Today Daily Briefing - Focus on DHS
Date: Monday, March 14, 2011 12:37:29 PM



Monday, March 14, 2011

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DAILY NEWS BRIEFING

US Weathers Tsunami, Sends Expert Help to Japan

Specialized personnel from the US Department of Homeland Security (DHS) continued to supply tsunami and earthquake assistance to domestic and international disaster efforts throughout the weekend in the wake of a crippling... »



TODAY'S NEWS ANALYSIS

Admiral Papp Outlines Coast Guard Rebuilding Priorities

Even in the current fiscal environment where resources are scarce rebuilding the Coast Guard to rebuild the Coast Guard, support front-line operations, invest in our people and families, and enhance maritime incident prevention... »



TSA Orders 'Re-tests' of Radiation Levels on Airport Body Scanners

The Transportation Security Administration on Friday ordered re-testing of all radiation-emitting full-body scanners after an internal review showed calculation errors, missing data and other discrepancies on paperwork by... »

Sen. Landrieu Says Japan Earthquake Shows Need for Disaster Funding

Senator Mary Landrieu (D-La.) says the devastating impact of the earthquake off the coast of Japan and subsequent flooding triggered by a tsunami in the Pacific Ocean highlight the need to maintain adequate funding for disaster... »

Calif. Fishing Town Battered by Tsunami Yet Again

Coastal residents forced to evacuate to higher ground were able to spend Friday night in their own homes, while work crews were assessing damage along the California Coast after a tsunami triggered by the massive earthquake in... »

Opinion: Did TSA Really Screen All Air Cargo?

The Transportation Security Administration says it screened all air cargo--but a government auditor said there's no way the TSA can know that. It's the second time this month the GAO has dinged the TSA for over-hyping itself and... »



TODAY'S HEADLINES

Japan Earthquake and Tsunami Death Toll Expected to Exceed 10,000

The death toll from Japan's earthquake and tsunami is almost certain to exceed 20,000, which is the number of people unaccounted for in two coastal cities alone, a Japanese newspaper reported Sunday. Elsewhere, hundreds of bodies... »

FEMA Pushes to Rid Louisiana of Their Trailers

The Federal Emergency Management Agency is pushing to get rid of the last 424 of its trailers still in Louisiana more than five years after Hurricane Katrina struck the state, leveling towns and flooding New Orleans. [Click here...](#) »

Reaction Time Critical in Calif. County Big Wave Scenario

A Monterey County tsunami emergency response plan says there would not be enough time to evacuate coastal residents if a local earthquake created a huge wave similar to the one that

44/60

devastated Japan on Thursday.... »

US Lawmakers Say Go Slow on Nuclear Energy

The unfolding nuclear disaster in Japan at reactors damaged by a massive earthquake and tsunami has led some lawmakers to call for putting the "brakes" on US nuclear development. Click here for the full story »

Alaska Democrat Heads to Washington to Fight TSA Pat-Downs

Homeland Security officials and a congressional committee will get an earful from an Alaska politician this week. Rep. Sharon Cissna (D-Anchorage) is heading to Washington to argue that enhanced pat-downs at airports go too far... »

CORRESPONDENTS WATCH

Britain Convicts Awlaki Acolyte Targeting US Bound Planes

Last week a court in London convicted Rajib Karim, a 31-year-old Bangladeshi national in the UK working for British Airways of plotting with the Yemeni-American Al Qaeda in the Arabian Peninsula (AQAP) leader, Anwar Al... »



NEWS SHORTS

Committee Reveals Witness List for Hearing on Muslim Radicalization

The House Homeland Security Committee Monday unveiled the complete list of witnesses testifying at its first planned hearing on Muslim radicalization to be held this Thursday. Rep. Peter King (R-NY), committee chairman, plans to... »



GRANTS & FUNDING

Funding & Resources: Emergency Healthcare's Unique Funding Track

One of the four funding priorities supported by the Homeland Security Grant Program (HSGP) — the largest and most well-known homeland security funder—is, according to its mission statement, "Improving preparedness for, response... »



INDUSTRY ANNOUNCEMENTS

OSI Systems Awarded Contract Worth Approximately \$31 Million

OSI Systems Inc., Hawthorne, Calif., a vertically-integrated provider of specialized electronic products for critical applications in the security and healthcare industries, has announced that its security division, Rapiscan... »

Centice Corporation Announces Beta Program for Portable Raman Spectroscopy Platform

Centice Corporation, Morrisville, NC, a pioneer in chemical verification and identification using Raman spectroscopy and computational sensor technology, has announced the start of a Beta Program with Cherokee Multi-Agency... »

NetStar-1 Chooses Monacelli to Lead Management Consulting Division

NetStar-1 Government Consulting Inc. (NetStar-1), Rockville, Md., a provider of consulting services in the areas of program management, financial management, and program governance, has named Pierre Monacelli Vice President of... »

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From: [Correia, Richard](#)
To: [Layton, Michael](#)
Subject: FW: Confirmation of names for Japan
Date: Monday, March 14, 2011 5:06:00 PM

From: Uhle, Jennifer
Sent: Monday, March 14, 2011 4:52 PM
To: Coyne, Kevin; Coe, Doug; Scott, Michael; Gibson, Kathy; Richards, Stuart; Case, Michael
Subject: FW: Confirmation of names for Japan

Everyone, here are the names, see below. Thanks for your help. I contacted BNL and DSA contact SNL so everyone from RES' list is standing down. Thanks,

J

From: Leeds, Eric
Sent: Monday, March 14, 2011 1:11 PM
To: Collins, Elmo; Satorius, Mark; McCree, Victor; Dean, Bill; Sheron, Brian; Tracy, Glenn; Hudson, Jody; Johnson, Michael; Miller, Charles; Haney, Catherine; Zimmerman, Roy; Stewart, Sharon; Virgilio, Martin; Weber, Michael; Borchardt, Bill; Mamish, Nader; Doane, Margaret; Muessle, Mary
Cc: Boger, Bruce; Grobe, Jack; Ruland, William; Meighan, Sean
Subject: Confirmation of names for Japan

Folks –

Thanks so much for your help – we have a strong database of names/expertise to support the Japanese. For this first wave, we are sending Chuck Casto, John Monninger, Tony Nakanishi, Tim Kolb, Jack Foster and Richard Devercelly. I believe that Bruce Boger has contacted all those going to join Tony Ulsis and Jim Trapp in Japan.

I imagine that at some point we may need to send a second wave of responders to relieve our first wave. We will let you know as soon as we know if this needs to be done. We are also sensitive not to over-burden any one office.

Thanks again for your support!

Eric J. Leeds, Director
Office of Nuclear Reactor Regulation
U.S. Nuclear Regulatory Commission
301-415-1270

44/61

From: NYTimes.com
To: [Virgilio, Martin](#)
Subject: Today's Headlines: Radioactive Releases in Japan Could Last Months, Experts Say
Date: Monday, March 14, 2011 4:32:07 AM

If you have trouble reading this e-mail, go to: <http://www.nytimes.com/indexes/2011/03/14/todaysheadlines/index.html>



Today's Headlines

March 14, 2011

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TOP NEWS



Radioactive Releases in Japan Could Last Months, Experts Say

By DAVID E. SANGER and MATTHEW L. WALD

Experts in Japan and the United States said that the releases from nuclear plants could go on for weeks or months. Officials are also reporting a new explosion.



[Radiation Risk Is Seen as Low for Now](#)



[Japan's Nuclear Crisis Stokes Fear in Europe](#)



[Military Crew Said to Be Exposed to Radiation, but Officials Call Risk in U.S. Slight](#)



[Navy Says 17 Americans Were Treated for Contamination](#)

Death Toll Estimate in Japan Soars as Relief Efforts Intensify

By MARTIN FACKLER and MARK McDONALD

Military and civilian teams continued their grim work as Japan faced mounting humanitarian emergencies and the death toll climbed.



[Photographs](#) | [Maps](#)



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[In Sendai, Thousands Wonder What's Next](#)



[A Festival of Japan's Culture Proceeds](#)

U.S. Nuclear Industry Faces New Uncertainty

By JOHN M. BRODER

A fragile bipartisan consensus on nuclear power's promise for the United States may have dissolved.

• [NYTimes.com Home Page](#) »

QUOTATION OF THE DAY

"I think that the earthquake, tsunami and the situation at our nuclear reactors makes up the worst crisis in the 65 years since the war. If the nation works together, we will overcome."

PRIME MINISTER NAOTO KAN OF JAPAN

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WORLD



INTERACTIVE FEATURE: **Satellite Photos of Japan, Before and After the Quake and Tsunami**

Compare satellite images of areas of Japan before and after the disaster.



Comedian, rebranded

ALSO IN THEATER »

- Kathy Griffin on Broadway
- "Spider-Man's" delay



OPINION

ROOM FOR DEBATE

Japan's Nuclear Crisis: Lessons for the U.S.



An 8.9 magnitude quake and tsunami are rare events. But should the U.S. rethink its own nuclear safety plans?

WORLD

Second Explosion at Reactor as Technicians Try to Contain Damage

By HIROKO TABUCHI and MATTHEW L. WALD

The new explosion underscores the difficulties Japanese authorities are having in bringing several stricken reactors under control after the earthquake.



Video, Day 3: Nuclear Woes



Residents Near Plants Felt False Sense of Security



A Look at the Mechanics of a Partial Meltdown



U.S. Nuclear Plants Have Same Risks, and Backups, as Japan Counterparts

Residents Who Escaped Return to See What, if Anything, Is Left of Their Lives

By MARTIN FACKLER

Returning to the flattened town of Natori, long lines of residents struggled to comprehend the destruction left behind by the tsunami.



Seawalls Offered Little Protection Against Tsunami's Crushing Waves



Quake Moves Japan Closer to U.S. and Alters Earth's Spin

Japanese Stocks Plunge as Investors Worry

By BETTINA WASSENER

The Nikkei 225 index dropped sharply on Monday after the devastating earthquake and tsunami, with industrial and manufacturing stocks particularly hurt.



Supply Disruptions of Power and Water Threaten Japan's Economy



U.S. Nuclear Industry Faces New Uncertainty

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U.S.

Campaigning as All Things to All Republicans

By JEFF ZELENY

Tim Pawlenty, the former governor of Minnesota, is trying to appeal to diverse constituencies as he introduces himself as a potential candidate.



Times Topics: Tim Pawlenty

ON EDUCATION

For Detroit Schools, Hope for the Hopeless

By MICHAEL WINERIP

Two years after Detroit's politicians imposed reforms on the city's schools, the \$200 million deficit has risen to \$327 million. But there is some hope.

State Legislatures Slow on Immigration Measures

By JULIA PRESTON

States pledged to toughen up on illegal immigration, but none has passed a law that mirrors Arizona's crackdown.

• [More U.S. News »](#)

BUSINESS

Supply Disruptions of Power and Water Threaten Japan's Economy

By STEVE LOHR

The crisis at damaged nuclear plants north of Tokyo was threatening to cause an energy crunch that could hobble Japan's economy.



Partial Meltdowns Presumed



Economix: Radiation and Pregnancy

Auto Plants in Japan Remain Closed as Companies Take Stock

By NICK BUNKLEY

Automakers scrambled to determine whether they would be able to build and export cars in light of the rolling power blackouts and the damage to Japan's infrastructure.



Crisis Stokes Fear in Europe

DEALBOOK

Associate in Insider Case Sought to Quit Goldman

By PETER LATTMAN and ANDREW ROSS SORKIN

According to a new audiotape recording, Rajat Gupta sought to leave for a job as a senior adviser at Kohlberg Kravis Roberts, only weeks before he is said to have provided the tips to the hedge fund manager Raj Rajaratnam.

• [More Business News »](#)

SPORTS

With 11 Teams in Expanded Bracket, Big East Is a Region All Its Own

By MARK VIERA

The Big East Conference's depth is on display in this year's 68-team N.C.A.A. tournament field.



Thamel's Picks: EAST | WEST | SOUTHWEST | SOUTHEAST

Some Circle the Date for a Day of Accustomed Sadness

By BRETT McMURPHY

Of the 73 teams in the six power conferences Northwestern, Oregon State, Rutgers and U.S.F. have the longest N.C.A.A. tournament droughts.

In Lockout, Loopholes Replace Regulations

By ADAM HIMMELSBACH

As long as the N.F.L. lockout continues, no signings, trades, practices or games will take place. But the ripple effects from this work stoppage are potentially more unsettling.

• [More Sports News »](#)

ARTS

A Broadway Superlative for All the Wrong Reasons

By PATRICK HEALY and KEVIN FLYNN

"Spider-Man" has been more than nine years in the making, and its final form still remains up in the air.



Interactive Timeline

MUSIC REVIEW

Betting on Not-So-Sure Things: Love and a Trick to Win at Cards

By ANTHONY TOMMASINI

The Latvian conductor Andris Nelsons takes on the tough, revealing assignment of Tchaikovsky's "Queen of Spades" at the Metropolitan Opera.

A Festival of Japan's Culture Proceeds

By DANIEL J. WAKIN

When Carnegie Hall announced Japan as the focus of this season's big festival, it did not seem a particularly pathbreaking subject. Now it seems prescient.

• [More Arts News »](#)

MEDIA & ADVERTISING

The News, in Bright Bits

By JEREMY W. PETERS

The Week, with its bite-size articles, the full arc of opinion and a skinny format is growing where other newsweeklies are lagging.

In Tight Times, PBS Leans on Pledge Drives

By ELIZABETH JENSEN

Since 2005, the average amount of time PBS member stations devote to on-air pledge drives has increased by 9 percent, with some stations running the special shows for 10 weeks a year.

When Unrest Stirs, Bloggers Are Already in Place

By JENNIFER PRESTON

Global Voices, a volunteer-driven organization, worked with worldwide bloggers to provide coverage of unrest in the Middle East and North Africa, and of the disaster in Japan.

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EDITORIALS

EDITORIAL

Mr. Maliki's Power Grab

Iraq's prime minister, Nuri Kamal al-Maliki, is drawing the wrong lessons from the upheavals in the Arab world.

EDITORIAL

Gulf Oil Spill Damages, Phase Two

The period for emergency payments has ended. Now begins the harder task of calculating final payments.

EDITORIAL

The Cheaters and Their Banks

It's going to take more high-profile action against financial institutions to force them out of the tax-cheat racket.

EDITORIAL

Listen to Judge Lippman

New York's chief judge agreed to cuts to his budget, but refuses to back down on his call for legal service programs for the indigent.

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OP-ED

OP-ED COLUMNIST

Another Inside Job

By PAUL KRUGMAN

More from the abusive bankers and their political friends.



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OP-ED COLUMNIST

Iraq Then, Libya Now

By ROSS DOUTHAT

Once again, there's a bipartisan chorus for war.



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OP-ED CONTRIBUTOR

China's Gradual Revolution

By GUOBIN YANG

Beijing won't follow Tunis and Cairo, but change is still under way.

OP-ED CONTRIBUTOR

Fiddling While Libya Burns

By ANNE-MARIE SLAUGHTER

The United States should immediately ask the Security Council to authorize a no-flight zone over Libya.

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By Robert Brodsky

Presidential memo directs top aides to look for ways to reduce duplication in trade and export agencies.

Full story: http://www.govexec.com/story_page.cfm?articleid=47317&dcn=e_gvet

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2. **Government uses new and old media to get its message out after Japan disaster**

By Kellie Lunney

Press conferences, Twitter help agencies disseminate information on tsunami effects in the U.S.

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Full story: http://www.govexec.com/story_page.cfm?articleid=47319&dcn=e_gvet

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Full column: <http://www.govexec.com/dailyfed/0311/031411ww.htm>

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12. **Quote of the Day**

We use contractors to write contracts for other contractors.

-- Dan Gordon, administrator of the Office of Federal Procurement Policy, on government's overdependence on contractors.

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Veteran reporter **Aliya Sternstein** has answered YOUR questions on advancements in management, technology and policy to combat a growing problem.

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ARTICLES

- **Defense prepares response to massive earthquake in Japan**

BY BOB BREWIN

U.S. military forces reacted quickly after a 9.1 magnitude earthquake and tsunami struck Japan on Friday. The Air Force flew emergency coolant to a damaged nuclear reactor and the Navy's 7th Fleet began moving ships to support relief operations there.

Full story: http://www.nextgov.com/nextgov/ng_20110311_4039.php?oref=rss?zone=NGtoday

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- **Government uses new and old media to get its message out after Japan disaster**

BY KELLIE LUNNEY

The government is using different modes of communication -- from conference calls to Twitter feeds -- to disseminate information related to Friday's earthquake in Japan and the subsequent tsunami impact on the West Coast of the United States.

Full story: http://www.nextgov.com/nextgov/ng_20110311_2594.php?oref=rss?zone=NGtoday

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- **During vendor switch, DHS reverts to an old system for posting future business opportunities**

BY ALIYA STERNSTEIN

The Homeland Security Department is temporarily reverting to a system of forms to publish forecasted federal business opportunities on the Internet, after losing access to a data entry website.

Full story: http://www.nextgov.com/nextgov/ng_20110311_4749.php?oref=rss?zone=NGtoday

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- **European Union, US officials say they're getting closer on privacy**

BY JULIANA GRUENWALD, NATIONAL JOURNAL

Top privacy regulators agreed Thursday that the United States and the European Union are moving closer in their approaches to protecting consumer privacy. But they still remain at odds over whether a U.S. national law is needed to ensure companies follow widely agreed upon privacy principles.

Full story: http://www.nextgov.com/nextgov/ng_20110311_4736.php?oref=rss?zone=NGtoday

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- **Law experts call for flexible patent legislation**

BY JOSH SMITH, NATIONAL JOURNAL

Members of a House Judiciary subcommittee probed experts on patent law Thursday as the House prepares to introduce its own version of patent reform legislation.

Full story: http://www.nextgov.com/nextgov/ng_20110311_3202.php?oref=rss?zone=NGtoday

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- **Dialing Up Telework**

BY EMILY LONG

Federal agencies are racing toward a deadline to get broad telework programs up and running and must develop detailed guidance on working remotely. This could be tricky because when it comes to preparing managers and employees for the expectations of telework, observers say government still has a ways to go.

Full story: http://www.nextgov.com/nextgov/ng_20110311_5381.php?oref=rss?zone=NGtoday

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- **Federal IT dashboard not winning manager hearts**

BY WILLIAM MATTHEWS

In the eight months since its debut, the improved Federal IT Dashboard, which rates U.S. agency technology projects and posts the results on the Internet for the world to see, has not won the hearts of all IT project managers.

Full story: http://www.nextgov.com/nextgov/ng_20110311_1042.php?oref=rss?zone=NGtoday

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- **Key Army radio system has a 72 percent failure rate**

BY BOB BREWIN

The Defense Department's top weapons tester told lawmakers at a hearing Wednesday that a key component of the Army's battlefield network now in development failed 72 percent of the time in tests last year. The network is the centerpiece of the service's modernization strategy, according to testimony by Army Vice Chief of Staff Gen. Peter Chiarelli at the same hearing.

Full story: http://www.nextgov.com/nextgov/ng_20110310_9571.php?oref=rss?zone=NGtoday

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- **House panel votes to overturn net neutrality rules**

BY JOSH SMITH, NATIONAL JOURNAL

A key House subcommittee voted 15-8 to overturn the Federal Communication Commission's network neutrality rules on Wednesday, but not before supporters and opponents of the change got more than a little testy with one another.

Full story: http://www.nextgov.com/nextgov/ng_20110310_3084.php?oref=rss?zone=NGtoday

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- **GAO upholds contractor protest of DHS financial system award**

BY ALIYA STERNSTEIN

The Government Accountability Office this week overturned the Homeland Security Department's award of a departmentwide financial management system to CACI, sources familiar with GAO's decision told Nextgov.

GAO spokesman Chuck Young confirmed the agency's decision in an e-mail.

Full story: http://www.nextgov.com/nextgov/ng_20110310_4301.php?oref=rss?zone=NGtoday

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WHAT'S BREWIN'

Bob Brewin's Take on Defense Information Technology

- **Yokota Air Base to the Rescue**

BY BOB BREWIN | 3/11/11 | 6:06 P.M. ET

With Japan's Narita International Airport closed to flights due to Friday's massive earthquake, Yokota Air Base ended up serving as an ad hoc substitute airport for 11 inbound commercial flights and over 500 passengers.

Read More: http://whatsbrewin.nextgov.com/2011/03/yokota_air_base_to_the_rescue.php

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TECH INSIDER

An Expert Blog on the State of Federal Technology

- **Cost of Earthquake Being Tabulated With Federal News Feeds**

BY ALIYA STERNSTEIN | 3/11/11 | 6:39 P.M. ET

Insurance companies are preparing for the economic fallout of the tsunami rippling through the Pacific by generating risk models based on ground motion data feeds from the U.S. Geological Survey.

Read More:

http://techinsider.nextgov.com/2011/03/cost_of_earthquake_being_tabulated_with_federal_news_feeds.php

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WIRED WORKPLACE

A Look at Issues Facing Federal IT Workers

- **VA Races to Hire IT Staff**

BY BRITTANY BALLESTEDT | 3/11/11 | 1:21 P.M. ET

The Veterans Affairs Department has brought on 365 new IT workers since it launched an IT hiring spree in January, a senior VA official said Thursday.

Read More: http://wiredworkplace.nextgov.com/2011/03/va_races_to_hire_it_staff.php

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▪ **A Generational Shift**

BY BRITTANY BALLESTEDT | 3/11/11 | 11:50 A.M. ET

Steve Kelman writes on *Federal Computer Week's* Lectern blog that an executive education program for federal GS-15s and colonels he teaches at Harvard's Kennedy School of Government is increasingly getting younger. Just in the past few years, he says he has noticed a growing number of GS-15s who are not in their 50s but rather in their 30s and early 40s.

Read More: http://wiredworkplace.nextgov.com/2011/03/a_generational_gs_shift.php

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CYBERSECURITY REPORT

Updates on the battle to protect data and systems

▪ **Twitter Information Fair Game in WikiLeaks Probe**

BY DAWN LIM | 3/11/11 | 5:03 P.M. ET

Prosecutors can demand information about users from Twitter to advance ongoing investigations into WikiLeaks, a federal magistrate ruled March 11, the *Associated Press* reports.

Read More: http://cybersecurityreport.nextgov.com/2011/03/twitter_information_fair_game_in_wikileaks_probe.php

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HEALTH IT UPDATE

The latest developments in the e-health world

▪ **Robo Apothecary Passes Drug Test**

BY JOHN PULLEY | 3/11/11 | 5:03 P.M. ET

If you think you're seeing a giant robot pharmacist at the University of California-San Francisco Medical Center, don't blame the drugs.

Read More: http://healthitupdate.nextgov.com/2011/03/robo_rx_saves_times_reduces_errors.php

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From: [The Washington Post](#)
To: [Virgilio, Martin](#)
Subject: Today's Headlines & Columnists
Date: Monday, March 14, 2011 7:13:19 AM



Monday, March 14, 2011

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POLITICS

Who would lead the Democratic National Committee?

If chairman Tim Kaine runs for Jim Webb's Senate seat in Virginia, President Obama will need to pick a new leader. Here are some possibilities.
(The Washington Post)

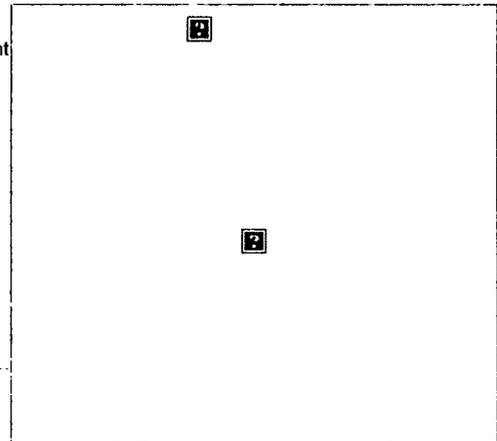
White House seeks to re-connect to young voters

(By Peter Wallsten, The Washington Post)

EPA chief Lisa Jackson perpetually on Capitol Hill hot seat

(By Darryl Fears, The Washington Post)

[More Politics](#)



NATION

Ultimate impact of damage to Japan nuclear reactors still unknown

Detection of highly radioactive elements heralds the beginning of an ecological and human tragedy.
(By Brian Vastag, The Washington Post)

[More Nation](#)

WORLD

Japan earthquake and tsunami death toll expected to exceed 10,000: survivors worry about supplies

TOKYO - Overwhelmed by a still-growing catastrophe, Japanese authorities struggled Monday to reach buried survivors and the missing, faced roadblocks in delivering aid and raced to contain an expanding nuclear emergency.
(By Chico Harlan, The Washington Post)

Japan earthquake, tsunami leave scenes of destruction in northeastern city of Sendai

(By Andrew Higgins, The Washington Post)

Japan earthquake, tsunami death toll likely above 10,000: survivors worry about supplies

(By Chico Harlan, The Washington Post)

Nuclear plant worker worries about colleagues, future

(By Andrew Higgins, The Washington Post)

Two fighters, shoulder to shoulder, show the diversity of the Libyan rebel forces

44/65

(By Leila Fadel, The Washington Post)

[More World](#)

METRO

Two sheriff's deputies killed in southwest Virginia

Two sheriff's deputies were killed and two wounded in Buchanan County, in southwestern Virginia.

(By Martin Weil, The Washington Post)

Johnson's son hired in Price George's County despite hiring freeze

(By Miranda S. Spivack, The Washington Post)

Redistricting likely to shift congressional power to Northern Virginia

(By Ben Pershing, The Washington Post)

Federal car seat tests fall behind, partly because crash dummies don't measure up

(By Katherine Shaver, The Washington Post)

The best high school TV series

(The Washington Post)

[More Metro](#)

BUSINESS

Japanese plant races to contain meltdowns after two blasts: third reactor loses cooling capacity

After a second explosion rocked a Japanese nuclear complex, a third reactor lost its cooling capacity, complicating engineers' efforts to limit the damage of a partial meltdown.

(By Chico Harlan and Steven Mufson, The Washington Post)

Japanese markets plummet as nation deals with damage, power shortages

(By Howard Schneider, The Washington Post)

New York City details \$3.3 billion shoreline plan

(By Martin Z. Braun, The Washington Post)

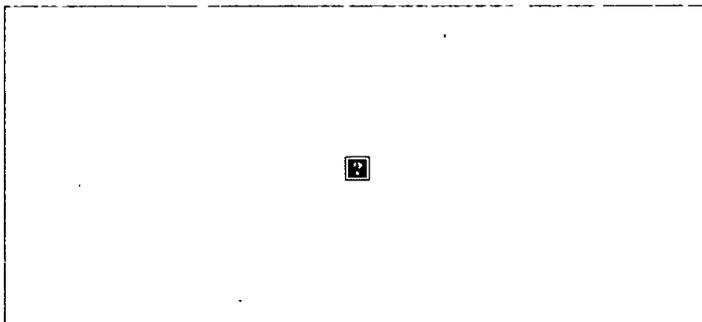
Rising gas prices hit businesses big and small

(By Marjorie Censer, The Washington Post)

Apple's iPad 2 augments but doesn't reinvent the tablet

(By Rob Pegoraro, The Washington Post)

[More Business](#)



TECHNOLOGY

Report: Online news consumption only area of industry showing growth

The rapid growth of smartphones, electronic tablets is making the Internet the destination of choice for consumers looking for news.

(By The Associated Press, The Washington Post)

Tax software review: TurboTax bests H&R Block at Home, but both could be better

(By Rob Pegoraro, The Washington Post)

[More Technology](#)

SPORTS

Wizards hope to copy 'Oklahoma City model' in Washington

In Oklahoma City, the Wizards see a team that they would like to be, one that recognized the need to start over from scratch and reached relevance after an initially gruesome beginning.

(By Michael Lee, The Washington Post)

Centennial gets a lift from its fans after painful loss to Milford Mill in Maryland 3A championship

(By Toni L. Sandys, The Washington Post)

Measuring up

(By Katie Carrera, The Washington Post)

For Michael Morse, left field for the Nationals is the chance he'd been waiting for

(By Adam Kilgore, The Washington Post)

Capitals vs. Blackhawks: Mike Knuble's overtime goal delivers eighth straight win

(By Katie Carrera, The Washington Post)

[More Sports](#)

STYLE

TV review: WETA's 'Guide to Montgomery' an intercounty disconnect

The local PBS station, WETA, produces a saccharin travelogue about the Washington suburb.

(By Hank Stuever, The Washington Post)

The RSS feed for this blog has moved

(Washington Post editors, washingtonpost.com)

Misha Dichter and the Harlem String Quartet

(The Washington Post)

Shantala Shivalingappa, a study in complexity and grace

(By Sarah Kaufman, The Washington Post)

The diet vs. the in-laws

(The Washington Post)

[More Style](#)

LIVE DISCUSSIONS

Advice from Slate's 'Dear Prudence'

Live discussion with Slate advice columnist Dear Prudence, a.k.a. Emily Yoffe.
(Emily Yoffe, washingtonpost.com)

Gene Weingarten discusses his National Anthem

(Gene Weingarten, washingtonpost.com)

Talk about Travel

(Flight Crew, washingtonpost.com)

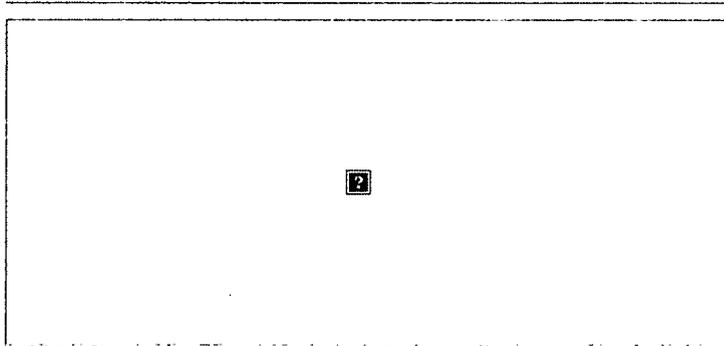
Ask the Post: Managing Editor Raju Narisetti on The Post's online redesign

(Raju Narisetti, washingtonpost.com)

Outlook: Gen. Wesley Clark has rules for U.S. interventions. Libya doesn't meet them.

(Gen. Wesley Clark, washingtonpost.com)

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From: Cianci, Sandra
To: Cianci, Sandra; Leeds, Eric; Johnson, Michael
Cc: Virgilio, Martin; Sprogeris, Patricia; Schwarz, Sherry; Taylor, Renee; Muessele, Mary
Subject: RE: FIRM - Meeting w/Chairman re: prep for March 16th Congressional Hearing 11:00AM
Date: Monday, March 14, 2011 7:31:21 AM

I have notified the Chairman's office. Thank You

Sandy Cianci

Administrative Assistant to Marty Virgilio, DEDR

Office of the Executive Director for Operations

O-17 H13

301-415-1714

sandra.cianci@nrc.gov

From: Cianci, Sandra
Sent: Monday, March 14, 2011 7:29 AM
To: Leeds, Eric; Johnson, Michael
Cc: Virgilio, Martin; Sprogeris, Patricia; Schwarz, Sherry; Taylor, Renee; Muessele, Mary
Subject: RE: FIRM - Meeting w/Chairman re: prep for March 16th Congressional Hearing 11:00AM
Importance: High

Eric/Mike,

Please move forward with the Chairman briefing without Marty, he is in the Ops Center on day shift. Thank you

Sandy Cianci

Administrative Assistant to Marty Virgilio, DEDR

Office of the Executive Director for Operations

O-17 H13

301-415-1714

sandra.cianci@nrc.gov

-----Original Appointment-----

From: Garland, Stephanie **On Behalf Of** Virgilio, Martin

44/66

Sent: Wednesday, March 02, 2011 3:32 PM

To: Leeds, Eric; Johnson, Michael

Subject: FIRM - Meeting w/Chairman re: prep for March 16th Congressional Hearing

When: Monday, March 14, 2011 11:00 AM-11:30 AM (GMT-05:00) Eastern Time (US & Canada).

Where: Chairman's Office

3/10/11- Eric and Mike, Please attend with Marty. SCianci x1714

3/3 /11 per Patti meeting is FIRM (smg)

3/2/11 per Patti Pace x1820 (will call or email to confirm)

Stephanie Garland

Administrative Assistant to Darren Ash, DEDCM

Office of the Executive Director for Operations

O-17 H15

301-415-8704

stephanie.garland@nrc.gov

From: USATODAY.com
To: [Virgilio, Martin](#)
Subject: Daily Briefing from USATODAY.com - March 14
Date: Monday, March 14, 2011 7:35:13 AM

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[In disasters' wake, Japan races to diffuse nuclear threat](#)

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Life

[Baldwin, Tyson, other celebs have advice for Charlie Sheen](#)

[Alec Baldwin's advice for Charlie Sheen: 'You can't win'](#)

['Los Angeles' wins battle over 'Mars' at box office](#)

[Daniel Radcliffe takes steps to 'Succeed' after 'Harry Potter'](#)

Sports

[Duke among No. 1 seeds as NCAA tournament field released](#)

[ESPN analysts make harsh assessments of NCAA tournament selections](#)

[Top seeds offer interesting tournament mix](#)

[Dance card: Projecting the NCAA tournament's field of 68](#)

Communities

 [Earthquake aid workers from USA, other countries arrive in Japan](#)

 [GOP proposes new budget with \\$6B in spending cuts](#)

 [GOP House moves to stop EPA climate rules](#)

Photo Galleries



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Money

[How the highly effective habits of millionaires could help you](#)

[Top 10 list of most fuel-efficient cars: What's the best buy?](#)

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[BMW unveils new 650i as bit of sports car heaven](#)

Tech

[iPad 2 online orders backlogged](#)

[iPad 2 is even better than the original](#)

[Users complain iPhone clock bungles time change](#)

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Travel

[Las Vegas adult/topless pools open for the season](#)

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Opinion

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From: E&E Publishing, LLC
To: [Virgilio, Martin](#)
Subject: March 14 -- E&E Daily is ready
Date: Monday, March 14, 2011 7:46:02 AM

E&E Daily



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E&E DAILY -- MON., MARCH 14, 2011 -- [Read the full edition](#)

1. **NUCLEAR ENERGY:** Japan nuclear fears to dominate House hearings

Key lawmakers and regulators this week will dig into unfolding details surrounding the nuclear emergency Japan declared in the wake of a massive 8.9 magnitude earthquake and tsunami and how U.S. officials are safeguarding the domestic nuclear fleet. Rep. Fred Upton (R-Mich.), chairman of the House Energy and Commerce Committee and a proponent of nuclear power, said he will use a Wednesday hearing to question the head of the Nuclear Regulatory Commission about the Fukushima Daiichi nuclear power plant, as well as domestic operations.

IN THE HOUSE

2. **CLIMATE:** Energy and Commerce panel to vote on bill to hamstring GHG regs
3. **APPROPRIATIONS:** Three-week stopgap measure likely, but long-term budget in doubt
4. **DOE:** Chu faces tough GOP questions on spending request
5. **ENERGY POLICY:** House panels to discuss need to tap U.S. reserves
6. **GOVERNMENT OVERSIGHT:** Senate subpanel to consider bill giving president line-item veto
7. **OFFSHORE DRILLING:** House panel to probe BOEMRE budget request
8. **DOE:** Science director to champion budget boost to House appropriators
9. **TRANSMISSION:** Power administrations' funding requests may spark clash at House hearing
10. **NOAA:** House appropriators to mull funding boosts, climate agenda
11. **INTERIOR:** FWS head to defend proposed budget increase at House hearing
12. **INTERIOR:** USGS director to face House appropriators' questions on budget priorities

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13. **WATER POLLUTION:** Ag subpanel to examine EPA's Chesapeake Bay cleanup, national plans
14. **ENERGY MARKETS:** Appropriators to weigh U.S. futures commission request for more funding

IN THE SENATE

15. **AIR POLLUTION:** With toxics rules expected, EPW panel to probe Clean Air Act's job effects
16. **EPA:** Jackson to make budget pitch to Senate allies
17. **GULF SPILL:** Senate panel to take hard look at presidential commission report
18. **GOVERNMENT OVERSIGHT:** House GOP to take aim at DOE stimulus spending
19. **CLEAN TECH:** Senate ENR panel to look at 'green bank,' foreign strategies to lure investment

E&ETV'S ONPOINT

20. **SMART GRID:** GridWise Alliance's Shapard discusses effects of transmission cost debate

THIS WEEK'S MARKUPS AND HEARINGS

CALENDAR: Activity for March 14 - March 18, 2011

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From: Johnson, Michael
To: Cianci, Sandra; Leeds, Eric
Cc: Virgilio, Martin; Sprogeris, Patricia; Schwarz, Sherry; Taylor, Renee; Muessle, Mary
Subject: RE: FIRM - Meeting w/Chairman re: prep for March 16th Congressional Hearing 11:00AM
Date: Monday, March 14, 2011 8:09:51 AM

Will do.

From: Cianci, Sandra
Sent: Monday, March 14, 2011 7:29 AM
To: Leeds, Eric; Johnson, Michael
Cc: Virgilio, Martin; Sprogeris, Patricia; Schwarz, Sherry; Taylor, Renee; Muessle, Mary
Subject: RE: FIRM - Meeting w/Chairman re: prep for March 16th Congressional Hearing 11:00AM
Importance: High

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Sandy Cianci

Administrative Assistant to Marty Virgilio, DEDR

Office of the Executive Director for Operations

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sandra.cianci@nrc.gov

-----Original Appointment-----

From: Garland, Stephanie **On Behalf Of** Virgilio, Martin
Sent: Wednesday, March 02, 2011 3:32 PM
To: Leeds, Eric; Johnson, Michael
Subject: FIRM - Meeting w/Chairman re: prep for March 16th Congressional Hearing
When: Monday, March 14, 2011 11:00 AM-11:30 AM (GMT-05:00) Eastern Time (US & Canada).
Where: Chairman's Office

3/10/11- Eric and Mike, Please attend with Marty. SCianci x1714

3/3 /11 per Patti meeting is FIRM (smg)

3/2/11 per Patti Pace x1820 (will call or email to confirm)

44/69

Stephanie Garland

Administrative Assistant to Darren Ash, DEDCM

Office of the Executive Director for Operations

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stephanie.garland@nrc.gov

From: Cianci, Sandra
To: Virgilio, Marty
Subject: Returning your call - Tony Pietrangelo 202-439-2511
Date: Monday, March 14, 2011 8:36:59 AM

Marty,

I left a message for you with the HOO officer (John Schumaker).

Sandy Cianci

Administrative Assistant to Marty Virgilio, DEDR

Office of the Executive Director for Operations

O-17 H13

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sandra.cianci@nrc.gov

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From: [GSN Homeland Security Insider](#)
To: [Virgilio, Martin](#)
Subject: Nuke plant owner in Japan didn't plan for an 8.9 magnitude earthquake
Date: Monday, March 14, 2011 8:40:26 AM



Monday, March 14, 2011

bisk

Nuke plant owner in Japan didn't plan for an 8.9 magnitude earthquake

The possibility that an earthquake could cause cataclysmic damage to a nearby nuclear power plant is certainly not a new idea to top execs at the Tokyo Electric Power Company (TEPCO), which operates the Daiichi and Daini power stations located in the region hit by the devastating earthquake and tsunami on March 11.

TEPCO



In fact, ever since the major Niigata-Chuetsu-Oki earthquake struck Japan on July 16, 2007, TEPCO began implementing a series of measures to strength the Kashiwazaki-Kariwa power station (located 16 kilometers from that earlier earthquake's epicenter), and started a program to apply the same safety initiatives to the Fukushima Daiichi and Fukushima Daini plants as well. [More](#)



DoD prepares earthquake response

DoD

Although the Japanese government hasn't officially asked for assistance in dealing with the aftermath of the 8.9 magnitude earthquake and tsunami on March 11, the Department of Defense said U.S. assistance is currently being readied in case such a request comes.



"We are assessing the situation and positioning forces so that they are ready to respond and provide disaster relief if directed," Navy Commander

Leslie Hull-Ryde said in a statement issued by the Defense Department the morning of March 11. The DoD said U.S. ships -- including an aircraft carrier strike group -- were preparing to depart for the stricken area.

The request for assistance from Japan would come through the U.S. State Department. [More](#)

Pentax Pair 2 lenses now see clearly through heat, haze and shimmering

Luis Aguilar

Pentax lenses with the company's PAIR (Pentax Atmospheric Interference Reduction) technology were created for difficult security applications such as desert military operations, border security, seaports and other homeland security applications. In a major 2011 breakthrough, the PAIR 2 technology now enables the lens to see through heat, haze and shimmering -- a huge boon when you want to "see the threat before it sees you".



[See the video featuring Pentax sales engineer Luis Aguilar](#)

Handwritten signature or initials: YH/11

Washington offers earthquake assistance, FEMA warns on approaching tsunami

As government officials in Washington scrambled to help Japan in the aftermath of one of the most powerful earthquakes in history, the Federal Emergency Management Administration (FEMA) warned U.S. states and territories in and along the Pacific Ocean to brace for possible tsunamis.

GSN

The earthquake, centered off the east coast of Japan under the sea unleashed a 30 foot tsunami that swept inland along the Japanese coast. Early reports said as many as 300 bodies had been found along the coast. The death toll is expected to rise, possibly significantly.

The White House sent out a statement early on March 11 offering condolences and assistance to Japan, while U.S. emergency agencies prepared warnings and readied response for tsunamis generated by the massive temblor. [More](#)

Federal government spending funds to ready itself for another tsunami

The U.S. Government has been trying to prepare itself in recent months for another destructive tsunami by hiring a firm to deploy a tsunami measuring buoy off the coast of Chile, by awarding a contract to the University of Washington's Pacific Marine Environmental Laboratory to model tsunami hazards in the United States, and by getting ready to upgrade facilities maintained by the National Oceanic and Atmospheric Administration (NOAA) in Hawaii and the Pacific area.

Of course, none of those actions allowed the federal government to predict the earthquake that struck Japan on the morning of March 11, or fully anticipate the damages that the resulting tsunami could inflict in Hawaii, the Pacific islands, or the West Coast of the United States. [More](#)

Detecting tsunamis 20,000 feet below the sea

The first word the U.S. Government heard about the tsunami that was formed when an earthquake struck Japan on the morning on March 11 came when a pressure sensor sitting in about 20,000 feet of water on the bottom of the Pacific Ocean sent an acoustic signal to a tsunami buoy floating directly above it, on the surface of the water, which then transmitted an alert signal, via satellite, to the National Data Buoy Center (NDBC) located in Mississippi.

That tsunami buoy, one of 39 maintained around the world by the NDBC, simultaneously sent the same alert to two U.S. Tsunami Warning Centers -- one based in Hawaii and the other located in Alaska. Those warning centers are actually responsible for assessing the size and the potential impact of the tsunamis they monitor, Helmut Portmann, the director of the National Data Buoy Center told *Government Security News* on March 11. [More](#)

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Army officers disciplined over Ft. Hood shootings

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McHugh



The U.S. Army has ordered disciplinary actions against nine unnamed officers for failing to do anything about the radicalization of accused Ft. Hood shooter Maj. Nidal Hasan that led to a mass shooting in 2009 at the Texas installation that killed 13.

Army Secretary John McHugh "initiated adverse administrative action against nine officers for administrative and leadership failures relating to the career" of Hasan, according to an Army statement on March 10.

The Army didn't identify the officers, but said the degree of discipline would vary depending on each officer. [More](#)



Paradigm lands \$49 million DR deal with DoD

A blanket purchase agreement that could be worth as much as \$49 million was awarded Paradigm by the U.S. Department of Defense on March 10 to Paradigm Holdings, of Rockville, MD, a provider of IT and cyber security solutions to federal agencies.



While there is no guaranteed minimum on the agreement, the company will be competing on delivery orders capped in the aggregate at \$49 million.

Under the deal, Paradigm will provide disaster recovery software solutions throughout the department including the defense secretary's office, all military departments, unified commands, inspector general's office, office of the chairman of the joint chiefs of staff, the Coast Guard, NATO and the intelligence community. [More](#)

Anti-virus software maker looking for testers

G Data



One of the oldest names in anti-virus software, G Data, will be launching a new version of its Internet security software in April but before it does, it's looking for computer jockeys to [download a free version](#) of the program and give the company some feedback about it.

New features in the offering for Windows-based PCs include performance of system scans when a computer is idle, a backup and recovery module and a cloud-based checksum database.

G Data, which has offices around the world and is sold in more than 80 countries, was founded in Germany in 1985. The previous version of its Internet security software received the [gold seal](#) of approval from independent testing firm AV-Comparatives for on-demand and proactive malware recognition. [More](#)

TSA chooses HMS to support its Entrust encryption certificates

TSA has awarded a contract worth \$117,508 to HMS Technologies, Inc., of Martinsburg, WV, a service-disabled veteran-owned small business, to provide service and support to maintain more than 230 Entrust Certificates that encrypt communications between TSA's servers and Web browsers.

Harry Siegel



TSA decided to stick with the Entrust Certificates it already owns, rather than run a new competitive procurement and shift to a different encryption provider.

"Selecting another brand other than Entrust will require extensive re-engineering, implementation, training, Certification and Accreditation (C&A), testing, and documentation that would result in an additional cost of \$506,188 to the Government," said TSA, in a document explaining its procurement strategy. [More](#)

HSDBC issues monograph on 'Preparedness' and launches conversation series

Marc Pearl

The Homeland Security & Defense Business Council launched on March 10 its "National Conversation Series on the State of Homeland Security," and released its seventh monograph in its 9/10/11 Project, focusing on how far the public and private sectors have come in preparing for all hazard events.



"Preparedness," when considered in the context of national security, was pretty simple at one time, said the Council in a news release it issued on March 10. We protect our borders and we maintain a military as a deterrent or a force against foreign aggression. Today, preparedness extends to all manner of natural and man-made disasters, wherever they may occur, and virtually everything is now a matter of national as well as local concern.

[More](#)



King hearings: A polarized flop

By David Schanzer

Schanzer

The biggest problem with the King hearings into domestic radicalization is that from the beginning their purpose has not been clear. Is there anyone in the Muslim community or the government in denial that radicalization of some Muslim Americans is a security problem? No.



Are there any rational people who believe that disparaging the Muslim American community and blaming it collectively for the acts of a few will improve this problem? No again.

There would have been nothing wrong if King had accurately defined the radicalization problem as a dangerous ideology that, thankfully, affects relatively few Muslim Americans, and called hearings to explore ways Muslim Americans, non-Muslim Americans and law enforcement could work together to address this problem. Had he done this, the hearings could have been a productive exercise, as were prior hearings run by Senator Joe Lieberman and former U.S. Representative Jane Harman. [More](#)

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From: OPA Resource
To: Ash, Darren; Barkley, Richard; Batkin, Joshua; Bell, Hubert; Belmore, Nancy; Bergman, Thomas; Bollwerk, Paul; Bonaccorso, Amy; Borchardt, Bill; Bozin, Sunny; Brenner, Eliot; Brock, Terry; Brown, Boris; Bubar, Patrice; Burnell, Scott; Burns, Stephen; Carpenter, Cynthia; Chandraithil, Prema; Clark, Theresa; Collins, Elmo; Couret, Ivonne; Crawford, Carrie; Cutler, Iris; Dacus, Eugene; Dapas, Marc; Davis, Roger; Dean, Bill; Decker, David; Dricks, Victor; Droggitis, Spiros; Flory, Shirley; Franovich, Mike; Gibbs, Catina; Haney, Catherine; Hannah, Roger; Harbuck, Craig; Harrington, Holly; Hasan, Nasreen; Hayden, Elizabeth; Holahan, Gary; Holahan, Patricia; Holian, Brian; Jacobssen, Patricia; Jaczko, Gregory; Jasinski, Robert; Jenkins, Verlyn; Johnson, Michael; Jones, Andrea; Kock, Andrea; Kotzalas, Margie; Ledford, Joey; Lee, Samson; Leeds, Eric; Lepre, Janet; Lew, David; Lewis, Antoinette; Loyd, Susan; Magwood, William; McCrary, Cheryl; McGrady-Finneran, Patricia; McIntyre, David; Mensah, Tanya; Mitlyng, Viktoria; Monninger, John; Montes, David; Nieh, Ho; Ordaz, Vonna; Ostendorff, William; Owen, Lucy; Powell, Amy; Quesenberry, Jeannette; Reddick, Darani; Regan, Christopher; Reves, Luis; Riddick, Nicole; RidsSecyMailCenter Resource; Riley (OCA), Timothy; Rohrer, Shirley; Samuel, Olive; Satorius, Mark; Schaaf, Robert; Schmidt, Rebecca; Scott, Catherine; Screnci, Diane; Shaffer, Vered; Shane, Raeann; Sharkey, Jeffry; Sheehan, Neil; Sheron, Brian; Siurano-Perez, Osiris; Steger (Tucci), Christine; Svinicki, Kristine; Tabatabai, Omid; Tannenbaum, Anita; Taylor, Renee; Temp, WDM; Thomas, Ann; Uhle, Jennifer; Uselding, Lara; Vietti-Cook, Annette; Virgilio, Martin; Virgilio, Rosetta; Walker-Smith, Antoinette; Weaver, Doug; Weber, Michael; Weil, Jenny; Werner, Greg; Wiggins, Jim; Williams, Evelyn; Zimmerman, Roy; Zorn, Jason
Subject: Press Release: Japanese Government Asks for Assistance with Reactor Events; U.S. Government and NRC Preparing Response
Date: Monday, March 14, 2011 12:01:57 PM
Attachments: 11-047.docx

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US Nuclear Regulatory Commission
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No. 11-047

March 14, 2011

JAPANESE GOVERNMENT ASKS FOR ASSISTANCE WITH REACTOR EVENTS; U.S. GOVERNMENT AND NRC PREPARING RESPONSE

The Japanese government has formally asked for assistance from the United States as it continues to respond to nuclear power plant cooling issues triggered by an earthquake and tsunami on March 11. As part of a larger U.S. government response, the NRC is considering possible replies to the request, which includes providing technical advice.

Included in a U.S. Agency for International Development (USAID) team dispatched earlier to Japan to assist with the disaster are two boiling-water reactor (BWR) experts from the NRC. They are currently in Tokyo offering technical assistance. USAID is the federal government agency primarily responsible for providing help to countries recovering from a disaster.

The NRC has been monitoring the Japanese reactor events via its Headquarters Operations Center in Rockville, Md., on a 24-hour-a-day basis.

The NRC will not comment on hour-to-hour developments at the Japanese reactors. This is an ongoing crisis for the Japanese who have primary responsibility.

###

News releases are available through a free *listserv* subscription at the following Web address: <http://www.nrc.gov/public-involve/listserver.html>. The NRC homepage at www.nrc.gov also offers a SUBSCRIBE link. E-mail notifications are sent to subscribers when news releases are posted to NRC's website.

From: E&E Publishing, LLC
To: Virgilio, Martin
Subject: March 14 -- Greenwire is ready
Date: Monday, March 14, 2011 1:41:34 PM

Greenwire



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GREENWIRE -- MON., MARCH 14, 2011 -- [Read the full edition](#)

1. **JAPAN QUAKE: Parsing terms, fears in the Fukushima nuclear crisis**

When considering the current troubles at three nuclear reactors of Japan's Fukushima Daiichi power plant, two words must be promptly defined: radiation and meltdown. The former carries fears of spreading, invisible poison; the latter seems one step away from an atomic blast. Neither is quite what it seems.

2. **JAPAN QUAKE: Beyond headlines, some see 'inherent robustness' of reactors**

Televised explosions at nuclear plants in Japan are quickly deflating the concept of a "nuclear renaissance" in the United States. But some close observers say the earthquake points to the durability, rather than the fragility, of nuclear power plants. After all, the reactor that experienced a blast over the weekend is a 40-year-old nuclear plant that was hit with a quake much bigger than anything recorded in California. And what actually failed were the batteries and diesel generators.

JAPAN EARTHQUAKE

3. **NUCLEAR:** Second reactor explosion leaves technicians scrambling
4. **NUCLEAR:** U.S. industry likely to feel financial impact of Japan disaster
5. **NUCLEAR:** Whitman touts technology, says Japan will 'be a very good lesson'
6. **NOAA:** Advocates intensify push for tsunami center in Puerto Rico
7. **INTERNATIONAL:** Germany, Switzerland suspend nuclear plans
8. **DEVELOPMENT:** Seawalls offered little protection against tsunami's waves
9. **UNITED NATIONS:** Japan becomes first industrialized nation to receive U.N. disaster relief
10. **FOOD SAFETY:** Asian officials will monitor Japanese imports for radiation
11. **SCIENCE:** Earthquake moves Japan eastward, alters Earth's rotation

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TOP STORIES

12. **AIR POLLUTION:** White House gets an earful on power plant rules
13. **OFFSHORE DRILLING:** Interior approves second deepwater permit for Gulf
14. **RENEWABLE ENERGY:** Calif. Legislature expected to replace RPS order with law this week

ENERGY

15. **OIL AND GAS:** Durbin joins Dems who differ with Obama over petroleum reserve
16. **NATURAL GAS:** Pittsburgh foundation provides grants to study fracking impacts
17. **OIL AND GAS:** PG&E pipeline safety standard is insufficient, federal officials say

CLIMATE CHANGE

18. **CLIMATE:** N.J. withdraws from lawsuit seeking to limit utility emissions
19. **SCIENCE:** Va. Supreme Court will hear Cuccinelli appeal over climatologist's documents

FEDERAL AGENCIES

20. **EPA:** Agency to take more time to publish new cooling water intake rule
21. **MINING:** Obama admin plows ahead on safety agenda in face of industry protests
22. **EPA:** Labor unions join chorus of opposition

TRANSPORTATION

23. **HIGH-SPEED RAIL:** States line up for rejected Fla. funds

WASTES & HAZARDOUS SUBSTANCES

24. **TOXICS:** Honeywell fined \$11.8M for illegally storing hazardous waste
25. **TOXICS:** EPA criticizes NYC timeline for PCB cleanup

STATES

26. **NATURAL GAS:** W.Va. session ends without Marcellus Shale regulations

INTERNATIONAL

27. **OFFSHORE DRILLING**: Norway limits oil production in sensitive waters

SOCIETY

28. **OBITUARY**: Former Westmoreland CEO dies

E&ETV'S ONPOINT

29. **SMART GRID**: GridWise Alliance's Shapard discusses impact of transmission cost debate

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From: [Cianci, Sandra](#)
To: [Taylor, Renee](#); [Garland, Stephanie](#); [Hasan, Nasreen](#)
Cc: [Virgilio, Martin](#); [Weber, Michael](#)
Subject: Marty/Mike's Schedule
Date: Monday, March 14, 2011 1:47:42 PM

Marty's trip to Vienna is canceled.

Ops Center Coverage as follows (Noted on calendars)

Mike - Tuesday and Thursday (Day shift)

Marty - Wednesday and Friday (Day Shift)

Sandy Cianci

Administrative Assistant to Marty Virgilio, DEDR

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From: [Virgilio, Martin](#)
To: [Powell, Amy](#); [Weber, Michael](#)
Cc: [Schmidt, Rebecca](#); [Virgilio, Martin](#)
Subject: Re: 2pm calls daily with USAID, Hill staff
Date: Monday, March 14, 2011 8:03:37 PM

Amy

Let's plan on it. 2pm in the ops center.

Marty

From: Powell, Amy
To: Virgilio, Martin; Weber, Michael
Cc: Schmidt, Rebecca
Sent: Mon Mar 14 19:42:47 2011
Subject: 2pm calls daily with USAID, Hill staff

Mike and Marty,

For the duration of this week, USAID is coordinating conference calls to provide updates to Congressional staff from the federal partners working on efforts to assist and monitor events in Japan. Marty joined me today (thank you); these calls will continue through Friday, **each day at 2pm**. Would one of you (I understand that you are alternating schedules a bit to spot each other) be available through the end of the week for these calls? We can hold them in the Ops Ctr to make it easier for you.

Please let me know – thanks!

Amy

Amy Powell
Associate Director
U. S. Nuclear Regulatory Commission
Office of Congressional Affairs
Phone: 301-415-1673

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From: [Weber, Michael](#)
To: [Powell, Amy](#)
Cc: [LIA05 Hoc](#); [LIA03 Hoc](#); [Virgilio, Martin](#)
Subject: Response - 2pm calls daily with USAID, Hill staff
Date: Monday, March 14, 2011 7:45:03 PM

Certainly. I'm on tomorrow and Thursday. Marty is on Wednesday and Friday.

From: Powell, Amy
To: Virgilio, Martin; Weber, Michael
Cc: Schmidt, Rebecca
Sent: Mon Mar 14 19:42:47 2011
Subject: 2pm calls daily with USAID, Hill staff

Mike and Marty,

For the duration of this week, USAID is coordinating conference calls to provide updates to Congressional staff from the federal partners working on efforts to assist and monitor events in Japan. Marty joined me today (thank you); these calls will continue through Friday, **each day at 2pm**. Would one of you (I understand that you are alternating schedules a bit to spot each other) be available through the end of the week for these calls? We can hold them in the Ops Ctr to make it easier for you.

Please let me know – thanks!

Amy

Amy Powell
Associate Director
U. S. Nuclear Regulatory Commission
Office of Congressional Affairs
Phone: 301-415-1673

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Subject: FW: Platts Nuclear News Flashes
Date: Monday, March 14, 2011 8:08:28 PM
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Nuclear News Flashes
Monday, Mar 14, 2011
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** Reactor report

*** Fukushima I radiation levels 'significant': IRSN chairman

Agnes Buzyn, chairman of France's Institute of Radiological Protection and Nuclear Safety, IRSN, said radiation levels around Japan's Fukushima I site are "significant" but refused to quantify that term.

During a Paris press conference March 14, Buzyn and Andre-Claude Lacoste, chairman of France's Nuclear Safety Authority, said they could not provide any numbers indicating the radiation doses people near the Fukushima I might have received, because they did not know enough about the measurements involved. Buzyn said voluntary venting of radioactive gases from the nuclear units would lead to peaks of radiation that might not be representative of potential dose rates over a longer period.

Buzyn said IRSN had calculated the doses around the site independently using its own assumptions and that "the 20-kilometer zone [that Japanese authorities ordered evacuated] seems to us quite adequate in relation to the measurements" that Tepco and Japanese authorities have made public.

According to French criteria, the 20-km zone corresponds to projected doses of several tens of milliSieverts..

Workers attempting to keep the Fukushima I units cooled have no doubt received larger doses, Lacoste and Buzyn said, but could not quantify them.

Tokyo Electric Power Co., the plant operator, released data measured March 14 showing dose rates near the site perimeter of up to 10 mSv/h but varying widely by time and place.

The statutory limit of public dose for planning purposes is 1 mSv per year but that does not apply to accident conditions.

*** Fukushima I accident could worsen: French nuclear safety chief

The accident at Japan's Fukushima-I reactor site is already more severe than the 1979 Three Mile Island-2 accident in the US and could get worse, the chairman of France's Nuclear Safety Authority Andre-Claude Lacoste told a Paris press conference March 14.

Lacoste said there was "no doubt" that fuel had melted in the cores of Fukushima I-1 and -3, and that "[most probably], a core melt has begun at unit 2."

He said the degree of severity depended on how long operator Tokyo Electric Power Co. is able to maintain cooling of nuclear fuel at these units and others along Japan's east coast north of Tokyo. The area was hit by an extreme earthquake and tsunami March 11.

For the time being, he said, "it's not a nuclear catastrophe, but we cannot guarantee that it will not become a nuclear catastrophe."

Lacoste said events at Fukushima were of "unprecedented proportions" in that

several nuclear power units were simultaneously facing a major accident risk and potentially up to 11 units could be at risk at Fukushima I and II, Onagawa and Tokai.

*** Onagawa, Tokai sites 'under control,' ASN says

The situation at the Onagawa and Tokai nuclear power sites appears less severe than at Tokyo Electric Power Co.'s Fukushima I and II sites, French nuclear safety officials said March 14, citing Japanese authorities and other sources of information.

Tohoku Electric Power Co. operates three BWRs at Onagawa; Japan Atomic Power Co. operates one BWR at Tokai. All are on Japan's Pacific coast, which was hit by an earthquake and a tsunami of unprecedented force March 11. Tokai is about 120 kilometers (about 75 miles) north of Tokyo. Tepco's Fukushima stations are about 50 km farther north and about 167 km south of Onagawa.

Thomas Houdre of safety agency ASN said at a press briefing in Paris that a site emergency had been declared at Onagawa when increased radiation levels were measured. But ASN said the radiation was confirmed as being due to releases from Fukushima I. "There doesn't seem to be any particular problem from a technical viewpoint" at Onagawa, he said. ASN, in a statement late March 14, quoted Japanese authorities as saying the three units were "under control."

At Tokai, ASN said, a seawater pump powered by a diesel generator was knocked out by the tsunami but a backup pump used to cool the reactor was operating normally, according to Japanese authorities. ASN said JAPC "is in control of the situation and the temperature in the reactor is decreasing steadily."

Houdre said that for the stations to remain safe, the operators must continue to have power and cooling water for each of the units over the long term.

*** U spot price tumbles \$8/lb after Japanese nuclear events

The spot price of uranium tumbled March 14 to about \$60 a pound U3O8, down roughly \$8/lb from the March 11 price, as the continuing crisis at several Japanese nuclear reactors punctured the bullishness of many investors.

Many analysts suggested the spot price will likely continue to fall over the next few days, although some sources suggested several buyers are ready to step in to help stabilize the price near \$60/lb.

The share prices of uranium-related companies also dropped, many by as much as 27% from their March 11 close.

Ux Consulting's broker average price, or BAP, was \$59.83/lb March 14, down \$8.25/lb from March 11. The BAP is a daily calculated midpoint of the bids and offers reported by three brokers ICAP Energy, Evolution Markets and MF Global, according to UxC. TradeTech's new daily price March 14 was \$60/lb, down \$7.75/lb from its March 11 price.

*** Government requests safety review of Finnish reactors

The Finnish Radiation & Nuclear Authority, or STUK, will conduct a special safety review of Finnish nuclear units at the government's request, Minister of Economic Affairs Mauri Pekkarinen said in a statement March 14.

Pekkarinen said that he wants STUK to look at how well Finnish reactors are prepared to withstand severe floods. His statement followed the March 11 earthquake and tsunami that resulted in an accident at the Fukushima I site.

STUK should review emergency backup power systems at the Finnish reactors and their ability to continue operating during power failures, Pekkarinen said. He said he also wants information on designs being considered for two new nuclear reactors in Finland.

*** No spent fuel damage at Fukushima I-1 and -3, IAEA says

Hydrogen explosions at Tokyo Electric Power Co.'s Fukushima I-1 and -3 involved buildings housing the units' spent fuel pools, but an IAEA official said March 14 that, based on available information, the spent fuel pools were not damaged.

If the pools had been damaged, "a significant release of radiation would have been seen," said Denis Flory, deputy director general, head of the IAEA Department of Nuclear Safety and Security.

"We have received no information to that effect and so from that we infer that there is no damage to the spent fuel pools," Flory said at an IAEA press briefing in Vienna. He said the roofs had been blown off the buildings housing the spent fuel pools in the two explosions.

At the same briefing, James Lyons, IAEA division director of safety at nuclear installations, said the IAEA has "no indication" any fuel in the cores of Fukushima reactors has melted.

IAEA Director General Yukima Amano said the IAEA's information is coming from Tepco, via the Japanese national regulator, the Nuclear and Industrial Safety Agency.

Robert Alvarez, a senior scholar at the Institute for Policy Studies in Washington, said steam seen in satellite images of unit 3 could be from boiling coolant in the spent fuel pool, which was exposed by the blast. Alvarez spoke on a conference call March 14 sponsored by the anti-nuclear organization Friends of the Earth. If the capability to maintain water in the spent fuel pool is lost, radiation levels could rise and fuel could catch fire, he said.

*** No design or human errors issues seen yet at Fukushima, IAEA says

IAEA officials said there is no reason to believe at this stage that reactor design issues or human error played any role in the incidents unfolding at the Fukushima I nuclear power plant in Japan.

IAEA Director General Yukima Amano said March 14 that the combination of the massive earthquake that struck Japan March 11 and the ensuing tsunami were "beyond imagination and experience."

At a press briefing in Vienna, he said the work following the events was to shut down the reactors at Fukushima I (also called Fukushima Daiichi), contain any radiation and cool the core. He said the reactors shut as expected, there was a small release of radiation and now efforts are focused on cooling the cores.

He praised the efforts of Japanese authorities and nuclear plant operators, noting many workers suffered their own personal tragedies.

"At this stage, I cannot speculate whether there was some human errors or not," Amano said.

Denis Flory, deputy director general, head of the Department of Nuclear Safety and Security at the IAEA, said there was no immediately apparent connection between the designs that have had problems following the earthquake and tsunami and those that have not.

"The design connection is that they're all on the east coast of Japan, which has had a huge catastrophe," he said. "Some reactors were shut down with no problems," he said. "Where there were problems, it was where there was no power for decay heat removal."

*** US nuclear utilities may face higher costs, more oversight: analysts

Credit rating agencies predicted higher costs and greater regulatory oversight for US nuclear plant operators following the earthquake, tsunami and nuclear reactor damage in Japan.

The accident in Japan does not have an immediate effect on credit ratings for US utilities, Standard and Poor's Ratings Services and Moody's Investors Services said in separate reports March 14. S&P, like Platts, is owned by The McGraw-Hill Companies.

Moody's Senior Vice President Jim Hempstead wrote, "For now, we assume near-term operating costs for US nuclear facilities are likely to rise, and the magnitude of the increase could be affected by the unfolding events in Japan."

Any additional costs imposed by new regulatory requirements could particularly squeeze merchant operators, S&P report authors Managing Director John Whitlock and directors Dimitri Nikas, Aneesh Prabhu and Todd Shipman said.

The events in Japan may add uncertainty to NRG's plan for two new units at the South Texas Project, because Tokyo Electric Power, which had planned to take a stake in those units, might now scale back its international investment plans, Moody's said.

The event also could erode public support for nuclear energy, especially in California, New York and the New England region, Barclays Capital analysts said in a report March 14. New units could be required to add more passive safety systems, and operators of coastal plants could be required to add additional

backup power generating capacity, including mobile diesel generators, the Barclays analysts said.

*** US reactors operating safely, NRC chairman says

NRC Chairman Gregory Jaczko said March 14 that while his agency will look at what led to problems at Japan's Fukushima nuclear units, he is assured that US reactors are operating safely.

At a White House press conference, Jaczko said, "Right now, we continue to believe that nuclear power plants in this country operate safely and securely. So we believe we have a very solid and strong regulatory infrastructure in place right now. But of course, as we always do, as an independent regulatory agency, we will continue to ... take new information and see if there are changes that we need to make with our ... program."

Jaczko also said NRC sent two experts to Japan, with three others from DOE, to work with a US Agency for International Development-led team in Tokyo to assist the Japanese government. The agencies are also preparing to send more personnel, he said.

Jaczko said that there is a "low probability" of harmful radiation exposure in the US or its territories from the releases in Japan.

*** Southern remains committed to new Vogtle units

Southern Co. said in a March 14 statement it "remains committed to completing the new Vogtle units on schedule and on budget" but that it also is tracking developments in Japan and "working closely with our industry peers to monitor any potential impact here."

Southern, whose Georgia Power and Southern Nuclear Operating Co. subsidiaries are leading the development of two nuclear units at the Vogtle station in Georgia, said it "does not anticipate the events in Japan to impact the construction schedule or the company's ability to stay on budget."

It said that every US nuclear unit, including those at Southern's Farley, Hatch and Vogtle stations, was "designed, licensed and built to endure environmental hazards and disasters in meeting the NRC requirements."

NRG Energy spokesman David Knox said March 14 it is too soon to comment on the impact of the Japanese quake on US nuclear development.

Nuclear Innovation North America, an 88%-12% joint venture of NRG Energy and Tokyo-based Toshiba, respectively, plans to add two nuclear units at the South Texas nuclear project. Tokyo Electric Power Co., which owns and operates the Fukushima Daiichi nuclear power plant affected by the earthquake, last May committed to buy up to a 499-MW stake in the South Texas nuclear expansion.

*** Nuclear will remain part of US energy policy: DOE official

The US will continue to make use of nuclear power as part of its energy policy going forward, despite the release of radiation from reactors at the Japanese Fukushima I nuclear power plant following a massive earthquake and tsunami, a senior US DOE official said March 14.

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

*** Reactor report

Byron-1 was shut for a refueling and maintenance outage late March 13, Exelon spokesman Paul Dempsey said March 14. He did not say how long the outage would last. About a third of the reactor's 193 fuel assemblies will be replaced and around 10,000 maintenance activities a number "a little higher than normal" will be performed during the outage, he said.

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From: Harrington, Holly
To: OPA Resource; Ash, Darren; Barkley, Richard; Batkin, Joshua; Bell, Hubert; Belmore, Nancy; Bergman, Thomas; Bollwerk, Paul; Bonaccorso, Amy; Borchardt, Bill; Bozin, Sunny; Brenner, Eliot; Brock, Terry; Brown, Boris; Bubar, Patrice; Burnell, Scott; Burns, Stephen; Carpenter, Cynthia; Chandrathil, Prema; Clark, Theresa; Collins, Elmo; Couret, Ivonne; Crawford, Carrie; Cutler, Iris; Dacus, Eugene; Dapas, Marc; Davis, Roger; Dean, Bill; Decker, David; Dricks, Victor; Droggitis, Spiros; Flory, Shirley; Franovich, Mike; Gibbs, Catina; Haney, Catherine; Hannah, Roger; Harbuck, Craig; Hasan, Nasreen; Hayden, Elizabeth; Holahan, Gary; Holahan, Patricia; Holian, Brian; Jacobssen, Patricia; Jaczko, Gregory; Jasinski, Robert; Jenkins, Verlyn; Johnson, Michael; Jones, Andrea; Kock, Andrea; Kotzalas, Margie; Ledford, Joey; Lee, Samson; Leeds, Eric; Lepre, Janet; Lew, David; Lewis, Antoinette; Loyd, Susan; Magwood, William; McCrary, Cheryl; McGrady-Finneran, Patricia; McIntyre, David; Mensah, Tanya; Mitlyng, Viktoria; Monninger, John; Montes, David; Nieh, Ho; Ordaz, Vonna; Ostendorff, William; Owen, Lucy; Powell, Amy; Quesenberry, Jeannette; Reddick, Darani; Regan, Christopher; Reyes, Luis; Riddick, Nicole; RidsSecyMailCenter Resource; Riley (OCA), Timothy; Rohrer, Shirley; Samuel, Olive; Satorius, Mark; Schaaf, Robert; Schmidt, Rebecca; Scott, Catherine; Screnci, Diane; Shaffer, Vered; Shane, Raeann; Sharkey, Jeffrey; Sheehan, Neil; Sheron, Brian; Siurano-Perez, Osiris; Steger (Tucci), Christine; Svinicki, Kristine; Tabatabai, Omid; Tannenbaum, Anita; Taylor, Renee; Temp, WDM; Thomas, Ann; Uhle, Jennifer; Uselding, Lara; Vietti-Cook, Annette; Virgilio, Martin; Virgilio, Rosetta; Walker-Smith, Antoinette; Weaver, Doug; Weber, Michael; Weil, Jenny; Werner, Greg; Wiggins, Jim; Williams, Evelyn; Zimmerman, Roy; Zorn, Jason
Subject: RE: Press Release: NRC Sends Additional Experts to Assist Japan
Date: Monday, March 14, 2011 8:47:45 PM
Attachments: 11-048.docx

This press release has gone out with slight change. See attached.

From: OPA Resource
Sent: Monday, March 14, 2011 6:59 PM
To: Ash, Darren; Barkley, Richard; Batkin, Joshua; Bell, Hubert; Belmore, Nancy; Bergman, Thomas; Bollwerk, Paul; Bonaccorso, Amy; Borchardt, Bill; Bozin, Sunny; Brenner, Eliot; Brock, Terry; Brown, Boris; Bubar, Patrice; Burnell, Scott; Burns, Stephen; Carpenter, Cynthia; Chandrathil, Prema; Clark, Theresa; Collins, Elmo; Couret, Ivonne; Crawford, Carrie; Cutler, Iris; Dacus, Eugene; Dapas, Marc; Davis, Roger; Dean, Bill; Decker, David; Dricks, Victor; Droggitis, Spiros; Flory, Shirley; Franovich, Mike; Gibbs, Catina; Haney, Catherine; Hannah, Roger; Harbuck, Craig; Harrington, Holly; Hasan, Nasreen; Hayden, Elizabeth; Holahan, Gary; Holahan, Patricia; Holian, Brian; Jacobssen, Patricia; Jaczko, Gregory; Jasinski, Robert; Jenkins, Verlyn; Johnson, Michael; Jones, Andrea; Kock, Andrea; Kotzalas, Margie; Ledford, Joey; Lee, Samson; Leeds, Eric; Lepre, Janet; Lew, David; Lewis, Antoinette; Loyd, Susan; Magwood, William; McCrary, Cheryl; McGrady-Finneran, Patricia; McIntyre, David; Mensah, Tanya; Mitlyng, Viktoria; Monninger, John; Montes, David; Nieh, Ho; Ordaz, Vonna; Ostendorff, William; Owen, Lucy; Powell, Amy; Quesenberry, Jeannette; Reddick, Darani; Regan, Christopher; Reyes, Luis; Riddick, Nicole; RidsSecyMailCenter Resource; Riley (OCA), Timothy; Rohrer, Shirley; Samuel, Olive; Satorius, Mark; Schaaf, Robert; Schmidt, Rebecca; Scott, Catherine; Screnci, Diane; Shaffer, Vered; Shane, Raeann; Sharkey, Jeffrey; Sheehan, Neil; Sheron, Brian; Siurano-Perez, Osiris; Steger (Tucci), Christine; Svinicki, Kristine; Tabatabai, Omid; Tannenbaum, Anita; Taylor, Renee; Temp, WDM; Thomas, Ann; Uhle, Jennifer; Uselding, Lara; Vietti-Cook, Annette; Virgilio, Martin; Virgilio, Rosetta; Walker-Smith, Antoinette; Weaver, Doug; Weber, Michael; Weil, Jenny; Werner, Greg; Wiggins, Jim; Williams, Evelyn; Zimmerman, Roy; Zorn, Jason
Subject: Press Release: NRC Sends Additional Experts to Assist Japan

For immediate release.

Office of Public Affairs
US Nuclear Regulatory Commission
301-415-8200
opa.resource@nrc.gov

44/78



NRC NEWS

U.S. NUCLEAR REGULATORY COMMISSION

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No. 11-048

March 14, 2011

NRC SENDS ADDITIONAL EXPERTS TO ASSIST JAPAN

Acting as part of a U.S. Agency for International Development assistance team, the NRC has dispatched eight additional experts to Tokyo to provide assistance as requested by the Japanese government.

The first members of the team left the United States Monday evening and were due to arrive in Tokyo Wednesday afternoon. The team includes additional reactor experts, international affairs professional staffers, and a senior manager from one of the NRC's four operating regions.

The team members come from the NRC's headquarters in Rockville, Md., and from offices in King of Prussia, Pa., and Atlanta. The team has been instructed to: conduct all activities needed to understand the status of efforts to safely shut down the Japanese reactors; better understand the potential impact on people and the environment of any radioactivity releases; if asked, provide technical advice and support through the U.S. ambassador for the Japanese government's decision making process; and draw on NRC-headquarters expertise for any other additional technical requirements. The team will be in communication with the Japanese regulator, the U.S. Embassy, NRC headquarters, and other government stakeholders as appropriate.

The team is led by Charles A. Casto, deputy regional administrator of the NRC's Center of Construction Inspection, based in NRC's office in Atlanta. Casto has worked in the commercial nuclear power industry at three different nuclear power plants, including Browns Ferry, which has three boiling water reactors, operated by the Tennessee Valley Authority in Alabama. He has also worked as a licensed reactor operator and operator instructor. Casto will provide a single point of contact for the U.S. Ambassador in Japan on nuclear reactor issues.

The two reactor experts sent Saturday to Japan will participate as members of this assistance team.

###

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From: [Virgilio, Martin](#)
To: [Cianci, Sandra](#)
Subject: FW: Discuss Travel
Date: Monday, March 14, 2011 6:11:00 PM

Sandy

Please reschedule for thursday

From: Carter, Mary
Sent: Monday, March 14, 2011 9:27 AM
To: Virgilio, Martin
Subject: RE: Discuss Travel

Thank you.

-----Original Appointment-----

From: Virgilio, Martin
Sent: Monday, March 14, 2011 7:35 AM
To: Carter, Mary
Subject: Canceled: Discuss Travel
When: Monday, March 14, 2011 1:00 PM-1:30 PM (GMT-05:00) Eastern Time (US & Canada).
Where: O-17H10
Importance: High

3/10/11

Sandy Cianci

Administrative Assistant to Marty Virgilio, DEDR

Office of the Executive Director for Operations

O-17 H13

301-415-1714

sandra.cianci@nrc.gov

44/79

From: E&E Publishing, LLC
To: Virgilio, Martin
Subject: March 14 -- E&ENews PM is ready
Date: Monday, March 14, 2011 4:56:13 PM

E&ENews PM



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E&ENews PM -- MON., MARCH 14, 2011 -- [Read the full edition](#)

1. **CLIMATE:** States ask Supreme Court to dismiss utility-emission case

Connecticut and five other states seeking to persuade the Supreme Court to allow greenhouse gas emissions to be regulated via federal common law have suggested the justices should avoid deciding the case and instead send it back to a lower court. In their final brief filed in *American Electric Power v. Connecticut*, the states maintain their position that greenhouse gas emissions can be regulated as a "public nuisance" under federal common law.

THIS AFTERNOON'S STORIES

2. **NUCLEAR CRISIS:** U.S. remains committed to developing nuclear power -
- DOE official
3. **JAPAN QUAKE:** U.S. 7th Fleet moves after crew members exposed to radioactivity
4. **NUCLEAR CRISIS:** Regulators' assurances provide little solace
5. **WATER POLLUTION:** Consol to pay \$6M for alleged violations at W.Va. mines
6. **PUBLIC LANDS:** More time allowed for Utah, counties to challenge BLM wilderness order
7. **GULF SPILL:** Airborne benzene levels rose slightly during spill -- NOAA

E&ETV'S ONPOINT

8. **SMART GRID:** GridWise Alliance's Shapard discusses impact of transmission cost debate

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From: Brenner, Eliot
To: Doane, Margaret; Borchardt, Bill
Cc: Ramsey, Jack; Henderson, Karen; Mamish, Nader; Virgilio, Martin; Weber, Michael
Subject: RE: OIP Analysis no2.docx
Date: Monday, March 14, 2011 4:18:57 PM

Margie. Sorry for delay in responding. Looks very thorough. Good job.

From: Doane, Margaret
Sent: Monday, March 14, 2011 3:34 PM
To: Borchardt, Bill; Brenner, Eliot
Cc: Ramsey, Jack; Henderson, Karen; Mamish, Nader; Virgilio, Martin; Weber, Michael
Subject: OIP Analysis no2.docx

Attached is an updated OIP Analysis/Guidance Document for Japan. Please let me know if you have concerns or revisions. I'd like to have it final ASAP for the NRC Assistance Team and to guide public and liaison activities.

Thanks,
Margie

44/81

From: Weber, Michael
To: Doane, Margaret
Cc: Ramsey, Jack; Henderson, Karen; Mamish, Nader; Virgilio, Martin; Borchardt, Bill; Brenner, Eliot
Subject: Response - OIP Analysis no2.docx
Date: Monday, March 14, 2011 3:42:47 PM

Excellent guidance, Margie. Are you preparing this to guide our responders, both here and in Japan?

From: Doane, Margaret
To: Borchardt, Bill; Brenner, Eliot
Cc: Ramsey, Jack; Henderson, Karen; Mamish, Nader; Virgilio, Martin; Weber, Michael
Sent: Mon Mar 14 15:33:39 2011
Subject: OIP Analysis no2.docx

Attached is an updated OIP Analysis/Guidance Document for Japan. Please let me know if you have concerns or revisions. I'd like to have it final ASAP for the NRC Assistance Team and to guide public and liaison activities.

Thanks,
Margie

44/82

From: Ellmers, Glenn
To: Weber, Michael; Virgilio, Martin; Ash, Darren; Batkin, Joshua; Coggins, Angela; Loyd, Susan; Landau, Mindy
Subject: EDO Update with Bill's edits
Date: Monday, March 14, 2011 3:31:32 PM

Comments welcome:

--

We are all saddened about the tragic events in Japan. Our thoughts and prayers go out to all of those affected by the earthquake and tsunami. The serious nuclear power plant issues have obviously been a special focus of the NRC. As the Chairman said in his message earlier today, we are closely monitoring the situation and providing requested assistance. We have already sent two staff members to Japan who are BWR experts (the technology used at the Fukushima site). We are now sending a larger team of NRC staff to help the American embassy in Tokyo and to coordinate with the Japanese regulators. Not surprisingly, the Congressional hearing scheduled for this Wednesday, which was originally to focus on our Fiscal Year 2012 budget, will now be primarily focused on the events in Japan.

Notwithstanding the significance of what is occurring in Japan, we still have our domestic mission to carry out, and with the exception of the small number of people who have been directly called upon to respond to this situation we should all proceed with previously planned activities. We will continue to process licensing actions, conduct inspections, and fulfill our regulatory responsibilities.

In accordance with NRC regulations, every American nuclear power plant is designed with multiple, redundant safety systems to be robust enough to withstand the seismic and natural event risks associated with its specific location. In other words, the NRC analyzes every reactor site for own specific features and potential hazards, and requires the plant to be designed and operated accordingly. But in calculating risks, a certain level of uncertainty is always present. To compensate for these uncertainties, the NRC utilizes the concept of "defense in depth"—an approach to safety where multiple, diverse and redundant layers of protection are used to prevent accidents and mitigate consequences. While it is inappropriate to speculate on what would happen to an American nuclear power plant under similar circumstances to the Japan event, we do know that US nuclear facilities are among the most robust and well-protected civilian structures in the country.

Let me express my thanks to the staff in the Operations Center who have stayed on top of the situation 24 hours a day since the earthquake hit. I'd also like to thank those who have had to compensate for their colleagues who have been called away from their regular duties.

I'll keep you informed of ongoing developments.

Glenn Ellmers
Senior Communications Specialist, OEDO
301-415-0442

44/83

OWFN - 17F03

Mail stop: 016E15

From: [Cianci, Sandra](#)
To: [Schwarz, Sherry](#); [Sprogeris, Patricia](#)
Cc: [Virgilio, Marty](#); [Leeds, Eric](#); [Johnson, Michael](#)
Subject: FW: Rescheduling Prep Meetings with DEDOs for Congressional Hearing
Date: Monday, March 14, 2011 3:18:20 PM
Importance: High

Patti/Sherry,

Please ensure Mike and Eric attend with Marty. Thank you

Sandy Cianci

*Administrative Assistant to Marty Virgilio, DEDR
Office of the Executive Director for Operations
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301-415-1714
sandra.cianci@nrc.gov*

From: Pace, Patti
Sent: Monday, March 14, 2011 3:04 PM
To: Belmore, Nancy; Quesenberry, Jeannette; Pulley, Deborah; Mayberry, Theresa; Hudson, Sharon; Ellis, Marv; Taylor, Renee; Garland, Stephanie; Cianci, Sandra; Casby, Marcia; Walker, Dwight
Cc: Coggins, Angela; Batkin, Joshua; Dhir, Neha; Gibbs, Catina
Subject: Rescheduling Prep Meetings with DEDOs for Congressional Hearing
Importance: High

Good afternoon,

I have rescheduled the following briefings for the Chairman in advance of the Congressional hearing on Wednesday morning.

Tuesday March 15th

9:00a – 9:30a

Prep Meeting with Marty Virgilio
Chairman's Conference Room

9:30a – 10:00a

Prep Meeting DEDMRT Areas (Mike Weber not available, will be covered by Mr. Borchardt)
Chairman's Conference Room

As before, OCA, OGC, CFO invited to attend as well as TAs from the Commission offices.

44/84

Thanks,

Patti Pace

Assistant to Chairman Gregory B. Jaczko

U.S. Nuclear Regulatory Commission

301-415-1820 (office)

301-415-3504 (fax)

From: NEI SmartBrief
To: Virallio, Martin
Subject: March 14, 2011 - McConnell warns against making energy-policy decisions in wake of crisis
Date: Monday, March 14, 2011 2:49:30 PM

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MARCH 14, 2011

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Crisis in Japan



▪ **McConnell warns against making energy-policy decisions in wake of crisis**

It remains to be seen to what degree the damaged Japanese nuclear plants will affect U.S. energy policy, with some officials suggesting that the U.S. study the crisis before making decisions. Sen. Mitch McConnell, R-Ky., said that the federal government should not make the mistake of hindering nuclear energy growth in the wake of the disaster. "I don't think right after a major environmental catastrophe is a very good time to be making American domestic policy," McConnell said. [Reuters](#) (3/14), [The New York Times \(free registration\)](#) (3/13), [The Business Insider](#) (3/13)

▪ **Not accurate to compare Japan reactor to U.S. fleet, NEI exec says**

It is inaccurate to compare an aging reactor in Japan that was rocked by a hydrogen explosion Saturday to the existing and new nuclear facilities in the U.S., said Richard Myers, the Nuclear Energy Institute's vice president for policy development. Myers questioned claims that the U.S. industry would lose supporters at the federal level. [Philly.com \(Philadelphia\)](#)/[The Politico \(Washington, D.C.\)](#) (3/13)

▪ **NEI: Major impact to U.S. industry not expected after Japanese disaster**

An explosion in one of Japan's reactors won't have a major effect on the U.S. nuclear industry's growth, said Mitch Singer, a spokesman for the Nuclear Energy Institute. The disaster will even push the industry to strengthen its defenses, Singer said. "I don't think we're going to see a major impact on the U.S. nuclear industry," he added. [The Wall Street Journal](#) (3/13)

▪ **Spokesman: U.S. remains dedicated to nuclear energy**

Despite the reactor crisis in Japan, the Obama administration remains supportive of nuclear power as part of an extensive energy mix, said Clark Stevens, a spokesman for the White House. "Information is still coming in about the events unfolding in Japan, but the administration is committed to learning from them and ensuring that nuclear energy is produced safely and responsibly here in the U.S.," Stevens said. [The Hill/E2 Wire blog](#) (3/13)

▪ **Japan's nuclear problems raise concerns in U.S.**

The circumstances that caused Japan's nuclear power plant failures were nearly impossible to prepare for, say experts. Policymakers want to know if the same could happen in the U.S. "The really important question is to ask how different licensing bodies decide what risks have to be guarded against and see if that analysis was adequate," says former nuclear regulator

44/85

Peter Bradford. [The Wall Street Journal](#) (3/14)

▪ **Japan's Hitachi to get technical assistance from GE**

General Electric has extended technical assistance to Japan's Hitachi for nuclear plants, said Jeffrey Immelt, chairman and CEO of GE. "Over the coming weeks and months, we will be doing whatever we can do to help with the energy needs of Japan," Immelt said. The company will also donate \$5 million for Japanese relief efforts, Immelt added. [The Wall Street Journal/Dow Jones Newswires](#) (3/14)

▪ **Other News**

[NRC sends 2 reactor experts to Japan](#)

Google/Agence France-Presse (3/13)

▪ **Resources**

Stay up to date on the facts about the situation in Japan:

- Read [NET's regular updates](#).
- Follow [@N_E_I](#) on Twitter.
- Keep current with [IAEA's updates](#)

Conquering a Culture of Indecision

This classic Harvard Business Review article argues that leaders create their company's indecisiveness. They can break it by doing three things: engender honesty in communications, make meetings and reviews meaningful, and ensure that feedback and follow-through are used to reward high achievers. [Order here.](#)



News Roundup



▪ **California nuclear facilities are running normally, NRC says**

Southern California Edison's San Onofre plant and Pacific Gas & Electric's Diablo Canyon facility are running normally after the tsunami and earthquake in Japan, according to the Nuclear Regulatory Commission. Both plants are taking preventative measures, said Neil Sheehan, a spokesman for the NRC. [CNBC/The Associated Press](#) (3/11)

▪ **NRC staffers dispute shutdown efforts for Nevada nuclear project**

Three senior Nuclear Regulatory Commission officials are protesting the agency's termination of the Yucca Mountain project in Nevada, according to documents released Friday. They cited NRC Chairman Gregory Jaczko's order against publishing a safety evaluation on the project. A status report prepared by the Office of Nuclear Material Safety and Safeguards did not "adequately characterize the confusion, chaos and anguish occasioned by the chairman's unilateral decision to disrupt the orderly process of SER development," wrote King Stablein, a project branch chief in the high-level repository-safety unit. [Las Vegas Review-Journal/Stephens Washington Bureau](#) (3/11)

▪ **GOP plan would revive Yucca Mountain plan**

A House Republican plan would require the Nuclear Regulatory Commission to finish reviewing Yucca Mountain in Nevada as a nuclear repository. The order would be part of an energy policy that would include building 200 plants by 2030. [McClatchy Washington Bureau](#) (3/14)

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Management & Leadership

■ Does your company have a powerful enough vision?

Successful businesses aren't just well-run, they're built around a vision that takes them and their customers somewhere new, says publisher and author Tim O'Reilly. If you don't have a big, audacious goal, you'll never achieve anything substantive, and neither will the companies you run, O'Reilly argues. "Great brands have a core. They mean something," he says. "Think of it as a train engine. It has [to] be going someplace a lot of people want to go and ... powerful enough to bring them all along as it builds momentum." [SmartBrief/SmartBlog on Leadership](#) (3/12)

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- [Why Managers Tell People What to Do](#) MORTY LEFKOE
- [How to Find Your Point of Difference and Promote It](#) Heather Allard
- [The Uncommon Cure for Time Management Issues](#) Rajesh Setty
- [How to Find Your Point of Difference and Promote It](#) Heather Allard

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- [5 Ways to Increase Prices Without Losing Your Customer](#) Judith Aquino

Results based on number of times each story was clicked by readers.

Editor's Note

■ A note on helping relief efforts in Japan, from Rick Stamberger, CEO of SmartBrief

If you or your company, organization or group want to help the Japanese people recover from last week's devastating earthquake and tsunami but aren't sure how to do so, InterAction provides options. An alliance of U.S.-based international nongovernmental aid organizations, InterAction has compiled [a list of groups](#) that are accepting private, corporate and group donations, along with some guidelines for the most appropriate ways to help. [Learn more.](#)

SmartQuote

There's much to be said for challenging fate instead of ducking behind it."

--Diana Trilling,
American author

This SmartBrief was created for MJV@NRC.GOV

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Lead Editor: [Bryan McBournie](#)

Mailing Address:

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Washington, DC 20005

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From: [Diec, David](#)
To: [Correia, Richard](#); [Layton, Michael](#)
Subject: FW: Action Request - Potential Temporary Assignees to OIP
Date: Tuesday, March 15, 2011 11:54:20 AM
Importance: High

FYI

please consider the environment before printing this email

-----Original Message-----

From: Ramsey, Jack
Sent: Tuesday, March 15, 2011 11:26 AM
To: Holahan, Gary; Evans, Michele; Boger, Bruce; Grobe, Jack; Uhle, Jennifer; Dorman, Dan; Moore, Scott
Cc: Johnson, Michael; Rosales-Cooper, Cindy; Wiggins, Jim; Diec, David; Leeds, Eric; Cullingford, Michael; Astwood, Heather; Sheron, Brian; Sangimino, Donna-Marie; Dehn, Jeff; Haney, Catherine; Smith, Shawn; Miller, Charles; Cool, Donald; Tracy, Glenn; Doane, Margaret; Mamish, Nader; Dembek, Stephen; Abrams, Charlotte; Owens, Janice; McDevitt, Joan; Virgilio, Martin; Williams, Shawn; Weber, Michael
Subject: Action Request - Potential Temporary Assignees to OIP
Importance: High

All,

Activities involving the evolving situation in Japan are having, and are projected to continue to have, a significant impact upon OIP resources. With this, OIP would like to ask if each of the program offices could identify whether they have staff (preferably staff with international experience) that could be detailed to OIP for a period of, at least initially, 3 to 6 months. Any staff considered for possible rotation to OIP should be aware that they could potentially travel to Japan and be exposed to ionizing radiation. Please note that such identified staff may, or may not, actually be needed. Instead, OIP is hoping to have a list of individuals, with program office blessing, that could be utilized (including with very little or no notice).

If possible, feedback by late this week (Friday morning) would be extremely helpful. Within OIP, Joan McDevitt will be the principal point of contact for this.

Thanks in advance to everyone for their understanding during this challenging time.

Jack

44/86

From: Sheron, Brian
To: Coyne, Kevin; Case, Michael; Coe, Doug; Correia, Richard; Gibson, Kathy; Lui, Christiana; Richards, Stuart; Sangimino, Donna-Marie; Scott, Michael; Uhle, Jennifer; Valentin, Andrea
Cc: Dion, Jeanne
Subject: IRC Staffing
Date: Tuesday, March 15, 2011 5:27:17 PM

I participated on a conference call with other ODs and led by Michele Evans, acting deputy OD in NSIR at 4 pm today.

The purpose of the conference call was to discuss staffing for the IRC for the near future. The IRC is currently staffed with members of the Reactor safety team, the Protective Measures team, Liaison Team, etc. There is also an ET member there. None of the teams are at their full compliment. What Michele is looking for is people that can staff the IRC and relieve the staff that are currently there. She said they are currently running 3 shifts (11pm-7am, 7am – 3pm, and 3pm to 11 pm). They would like to find staff that can work shifts for 4 days in a row (I think she wants 4 days on, 3 days off). She said the staff do not have to have had IRC training.

Several of us said we would certainly canvas our staff to see who was qualified to work in the IRC and could work there, but we needed to know what technical disciplines they were looking for. Michele did not have a list of needed disciplines, but said she would generate one and send it out. As of 5:15 pm I have not received a list yet.

However, I am assuming they will be looking for staff with expertise in such areas as systems analysis, severe accidents, radiological dose assessment, etc. In anticipation that these are the technical disciplines of interest, can you please start identifying your staff that you believe have some of the requisite skills needed for the IRC, and start asking if they would be available to work shifts in the IRC if asked to. HR said they would be eligible for normal overtime compensation.

Also, they will be looking for staff to go to Japan and relieve the technical staff that recently went there. There were 2 BWR experts that left over the weekend, and a team of 9 more (6 engineers and 3 OIP staff) left yesterday. The thinking is that the staff that recently went over would come back in 2 weeks, which is when they want to send a replacement team over there. So please check to see if you have any staff with the proper technical credentials, are reasonably good communicators, and would be willing to spend about 2 weeks in Japan as part of the team there.

I will forward the list of desired disciplines as soon as I receive them from Michele. Michele said she will be looking for the list of potential IRC replacements by COB tomorrow (3/16/11), thus, I will need your candidates by mid-afternoon.

For the team that will replace the one that was just sent to Japan, she said she would like us to update the list we previously sent by COB 3/17.

44/87

From: Wastler, Sandra
To: Layton, Michael; Correia, Richard; Huyck, Doug; Erlanger, Craig; Caldwell, Robert; Resner, Mark; Harvey, Sue; Shropshire, Alan
Cc: Andrukat, Dennis; Bagley, Susan; Bolling, Lloyd; Brochman, Phil; Cervera, Margaret; Garner, Douglas; Harris, Tim; Jackson, Gerard; Purdy, Gary; Rowe, T; Sturz, Fritz
Subject: Op Center Coverage
Date: Tuesday, March 15, 2011 12:36:48 PM
Importance: High

All

Fritz Sturz, Gary and I will be at the Op Center during the remainder of the week. Our schedules are as follows:

3/15 3 – 11 Fritz (Expects to be in by 2 pm prior to swing shift in OpC)
Gary/Sandi – normal work schedule

3/16 3- 11 Gary (Expects to be in at 9 am & work through the 3-11 shift in OpC)
11-7 Fritz (Not expected to be in office until OpC night shift)
11-7 Sandi (Will be in until noon/ returning at 10:30 for OpCnight shift)

3/17 Fritz (Not expected to be in)
Sandi (Not expected to be in/may WAH in the afternoon)
Gary (Expected to be in, not necessarily early)

3/18 3- 11 Gary (Expects to be in at 9 am & work through the 3-11 shift in OpC)
Fritz – Normal Work Schedule
Sandi – Day off

Phil Brochman will act for me when I am out on Wednesday and Thursday and Gary Purdy will act for me as usual on Friday. All budget questions should come to either Gary or I, depending on which of us is in the office.

We currently only have the OpC PMT schedule through Friday. If we are tapped for additional PMT slots after Friday I will let you know.

Sandi

44/88

From: Sheron, Brian
To: Bonaccorso, Amy; Calvo, Antony; Case, Michael; Coe, Doug; Correia, Richard; Dion, Jeanne; Gibson, Kathy; Lui, Christiana; Richards, Stuart; Rini, Brett; Sangimino, Donna-Marie; Uhle, Jennifer; Valentin, Andrea
Subject: FW: Press Release: (Revised) NRC Sends Additional Experts to Assist Japan
Date: Tuesday, March 15, 2011 2:03:39 PM
Attachments: 11-048R.docx

From: OPA Resource

Sent: Tuesday, March 15, 2011 11:41 AM

To: Ash, Darren; Barkley, Richard; Batkin, Joshua; Bell, Hubert; Belmore, Nancy; Bergman, Thomas; Bollwerk, Paul; Bonaccorso, Amy; Borchardt, Bill; Bozin, Sunny; Brenner, Eliot; Brock, Terry; Brown, Boris; Bubar, Patrice; Burnell, Scott; Burns, Stephen; Carpenter, Cynthia; Chandrathil, Prema; Clark, Theresa; Collins, Elmo; Couret, Ivonne; Crawford, Carrie; Cutler, Iris; Dacus, Eugene; Dapas, Marc; Davis, Roger; Dean, Bill; Decker, David; Dricks, Victor; Droggitis, Spiros; Flory, Shirley; Franovich, Mike; Gibbs, Catina; Haney, Catherine; Hannah, Roger; Harbuck, Craig; Harrington, Holly; Hasan, Nasreen; Hayden, Elizabeth; Holahan, Gary; Holahan, Patricia; Holian, Brian; Jacobsen, Patricia; Jaczko, Gregory; Jasinski, Robert; Jenkins, Verlyn; Johnson, Michael; Jones, Andrea; Kock, Andrea; Kotzalas, Margie; Ledford, Joey; Lee, Samson; Leeds, Eric; Lepre, Janet; Lew, David; Lewis, Antoinette; Loyd, Susan; Magwood, William; McCrary, Cheryl; McGrady-Finneran, Patricia; McIntyre, David; Mensah, Tanya; Mitlyng, Viktoria; Monninger, John; Montes, David; Nieh, Ho; Ordaz, Vonna; Ostendorff, William; Owen, Lucy; Powell, Amy; Quesenberry, Jeannette; Reddick, Darani; Regan, Christopher; Reyes, Luis; Riddick, Nicole; RidsSecyMailCenter Resource; Riley (OCA), Timothy; Rohrer, Shirley; Samuel, Olive; Satorius, Mark; Schaaf, Robert; Schmidt, Rebecca; Scott, Catherine; Screnci, Diane; Shaffer, Vered; Shane, Raeann; Sharkey, Jeffrey; Sheehan, Neil; Sheron, Brian; Siurano-Perez, Osiris; Steger (Tucci), Christine; Svinicki, Kristine; Tabatabai, Omid; Tannenbaum, Anita; Taylor, Renee; Temp, WDM; Thomas, Ann; Uhle, Jennifer; Uselding, Lara; Vietti-Cook, Annette; Virgilio, Martin; Virgilio, Rosetta; Walker-Smith, Antoinette; Weaver, Doug; Weber, Michael; Weil, Jenny; Werner, Greg; Wiggins, Jim; Williams, Evelyn; Zimmerman, Roy; Zorn, Jason

Subject: Press Release: (Revised) NRC Sends Additional Experts to Assist Japan

Attached to be released in approximately 15 minutes.

Office of Public Affairs
US Nuclear Regulatory Commission
301-415-8200
opa.resource@nrc.gov

44/89

Attachment 11-048R.docx (13014 Bytes) cannot be converted to PDF format.

From: Sheron, Brian
To: Bonaccorso, Amy; Calvo, Antony; Case, Michael; Coe, Doug; Correia, Richard; Dion, Jeanne; Gibson, Kathy; Lui, Christiana; Richards, Stuart; Rini, Brett; Sangimino, Donna-Marie; Uhle, Jennifer; Valentin, Andrea
Subject: FW: Press Release: NRC Analysis Continues to Support Japan's Protective Actions
Date: Tuesday, March 15, 2011 2:14:09 PM
Attachments: 11-049.docx

From: OPA Resource
Sent: Tuesday, March 15, 2011 1:30 PM
To: Ash, Darren; Barkley, Richard; Batkin, Joshua; Bell, Hubert; Belmore, Nancy; Bergman, Thomas; Bollwerk, Paul; Bonaccorso, Amy; Borchardt, Bill; Bozin, Sunny; Brenner, Eliot; Brock, Terry; Brown, Boris; Bubar, Patrice; Burnell, Scott; Burns, Stephen; Carpenter, Cynthia; Chandrathil, Prema; Clark, Theresa; Collins, Elmo; Couret, Ivonne; Crawford, Carrie; Cutler, Iris; Dacus, Eugene; Dapas, Marc; Davis, Roger; Dean, Bill; Decker, David; Dricks, Victor; Droggitis, Spiros; Flory, Shirley; Franovich, Mike; Gibbs, Catina; Haney, Catherine; Hannah, Roger; Harbuck, Craig; Harrington, Holly; Hasan, Nasreen; Hayden, Elizabeth; Holahan, Gary; Holahan, Patricia; Holian, Brian; Jacobssen, Patricia; Jaczko, Gregory; Jasinski, Robert; Jenkins, Verlyn; Johnson, Michael; Jones, Andrea; Kock, Andrea; Kotzalas, Margie; Ledford, Joey; Lee, Samson; Leeds, Eric; Lepre, Janet; Lew, David; Lewis, Antoinette; Loyd, Susan; Magwood, William; McCrary, Cheryl; McGrady-Finneran, Patricia; McIntyre, David; Mensah, Tanya; Mitlyng, Viktoria; Monninger, John; Montes, David; Nieh, Ho; Ordaz, Vonna; Ostendorff, William; Owen, Lucy; Powell, Amy; Quesenberry, Jeannette; Reddick, Darani; Regan, Christopher; Reyes, Luis; Riddick, Nicole; RidsSecyMailCenter Resource; Riley (OCA), Timothy; Rohrer, Shirley; Samuel, Olive; Satorius, Mark; Schaaf, Robert; Schmidt, Rebecca; Scott, Catherine; Screnci, Diane; Shaffer, Vered; Shane, Raeann; Sharkey, Jeffry; Sheehan, Neil; Sheron, Brian; Siurano-Perez, Osiris; Steger (Tucci), Christine; Svinicki, Kristine; Tabatabai, Omid; Tannenbaum, Anita; Taylor, Renee; Temp, WDM; Thomas, Ann; Uhle, Jennifer; Uselding, Lara; Vietti-Cook, Annette; Virgilio, Martin; Virgilio, Rosetta; Walker-Smith, Antoinette; Weaver, Doug; Weber, Michael; Weil, Jenny; Werner, Greg; Wiggins, Jim; Williams, Evelyn; Zimmerman, Roy; Zorn, Jason
Subject: Press Release: NRC Analysis Continues to Support Japan's Protective Actions

Attaching the press release would be helpful!

To be issued and posted to the live web in 15 minutes.

Office of Public Affairs
US Nuclear Regulatory Commission
301-415-8200
opa.resource@nrc.gov

yx/90

Attachment 11-049.docx (68584 Bytes) cannot be converted to PDF format.

Office of Human Resources

DATED: March 16, 2011

**SUBJECT: WAIVER OF WORK SCHEDULE AND PAY CAP RULES FOR
WORK IN RESPONSE TO THE EVENTS IN JAPAN**

ADAMS Accession No. ML11075A003 refers

NOTE: Electronic distribution only

Charline Khan

Administrative Assistant (Rotation)

U.S. NUCLEAR REGULATORY COMMISSION

Office of Human Resources

P:301-492-2318

Charline.Khan@nrc.gov

From: Huyck, Doug
To: Ralph, Melissa; Schnetzler, Bonnie; Correia, Richard; Layton, Michael; Caldwell, Robert; Prescott, Peter
Subject: RE: Ops center support
Date: Tuesday, March 15, 2011 10:16:55 AM

Thank you Melissa.

From: Ralph, Melissa
Sent: Tuesday, March 15, 2011 10:04 AM
To: Schnetzler, Bonnie; Huyck, Doug
Subject: Ops center support

Per my discussion with Bonnie this morning, I've been asked to support a shift on the Ops Center Executive Support Briefing Team. I will report at 06:30 and be on shift until 15:00. I'll plan my day so that I have a little time at my desk before and after for some of my normal duties.

-Melissa

YY/91

From: GovExec.com newsletters
To: Correia, Richard
Subject: GovExec Today: IRS contracts with tax debtors; Postal Service and union ink pact; Cutting Congress' pay
Date: Tuesday, March 15, 2011 5:03:36 AM



Today

TUESDAY, MARCH 15, 2011

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HEADLINES

1. **Tax delinquency no impediment to contracts with IRS**
2. **USPS, union reach tentative agreement**
3. **Lawmaker seeks 10 percent pay cut for Congress, White House**
4. **From Nextgov: U.S. supercomputer experts assess radiation risks amid crisis at Japanese nuclear facility**
5. **Federal mentors dispense wisdom on YouTube**
6. **New GSA acquisition chief calls for government-contractor cooperation**
7. **Short-term funding measure to prevent shutdown expected to pass**
8. **Senator: Feds should "put the brakes on" new nuke plants after Japanese disaster**
9. **Fedblog: FOIA Studies Find Progress**
10. **Executive Coach: Twelve Steps to a Great Networking Conversation**
11. **Today's column: On Politics**
12. **The Earlybird: Today's headlines**
13. **Quote of the Day**

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Cybersecurity Report: Updates on the battle to protect data and systems

Check out Nextgov's cybersecurity blog delivering breaking news and insights on federal cybersecurity efforts. **Don't miss the latest cybersecurity updates – [click here!](#)**

1. **Tax delinquency no impediment to contracts with IRS**

By Robert Brossky

As the revenue service reviews company delinquency claims, it continues to pay offending firms millions under contracts, report finds.

Full story: http://www.govexec.com/story_page.cfm?articleid=47329&dcn=e_gvet

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2. **USPS, union reach tentative agreement**

By Emily Long

New contract would protect against layoffs, limit 'excessing' and raise salaries by 3.5 percent.

Full story: http://www.govexec.com/story_page.cfm?articleid=47328&dcn=e_gvet

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3. **Lawmaker seeks 10 percent pay cut for Congress, White House**

By Emily Long

Bill would reduce salaries for lawmakers, the president and vice president, beginning in 2013.

Full story: http://www.govexec.com/story_page.cfm?articleid=47326&dcn=e_gvet

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4. **From Nextgov: U.S. supercomputer experts assess radiation risks amid crisis at Japanese nuclear**

44/92

facility

By Aliya Sternstein

The National Nuclear Security Administration activates a California-based center to process predictive models based on available information.

Full story: http://www.govexec.com/story_page.cfm?articleid=47330&dcn=e_gvet

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5. **Federal mentors dispense wisdom on YouTube**

By Kalle Lunnay

Top government leaders offer career advice in online videos for young employees.

Full story: http://www.govexec.com/story_page.cfm?articleid=47327&dcn=e_gvet

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6. **New GSA acquisition chief calls for government-contractor cooperation**

By Robert Brodsky

Mindy Connolly aims to reduce the burden on industry and to develop better dialogue.

Full story: http://www.govexec.com/story_page.cfm?articleid=47325&dcn=e_gvet

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7. **Short-term funding measure to prevent shutdown expected to pass**

By Chris Strohm, National Journal

But lawmakers don't see end game in sight to resolve disputes over funding measure for rest of year.

Full story: http://www.govexec.com/story_page.cfm?articleid=47322&dcn=e_gvet

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8. **Senator: Feds should "put the brakes on" new nuke plants after Japanese disaster**

By Chris Strohm, National Journal

Joe Lieberman says he doesn't want to halt new construction, but to take time for reviews of crisis in Japan.

Full story: http://www.govexec.com/story_page.cfm?articleid=47323&dcn=e_gvet

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9. **Fedblog: FOIA Studies Find Progress**

By Tom Sheep

Outside the bureaucracy, looking in.

Monday, March 14, 6:19 p.m. ET:

By George A. Warner

Many government agencies have made significant changes in Freedom of Information processing in the last two years, a new report released on Monday found. But, nearly half of all agencies studied have shown little or no progress since President Obama instructed agencies to "renew their commitment" to open government principles in a memorandum signed on his first day in office.

Read blog: <http://blogs.govexec.com/fedblog/>

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10. **Executive Coach: Twelve Steps to a Great Networking Conversation**

By Scott Ebin

Taking your career to the next level.

Monday, March 14, 10:00 a.m. ET:

A couple of years ago, I wrote a post called [Five Principles for Building a Strong Network](#). It proved to be pretty popular and I've been practicing and coaching on those principles ever since. Today, I want to share twelve steps to having a good networking conversation. With the idea in mind that experience is the best teacher, I'm going to draw on some lessons learned from networking conversations I've had lately both as both the inviter and the invitee.

Read blog: <http://blogs.govexec.com/executivecoach/>

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11. **Today's column: On Politics**

Trend or Fluke?

A new poll that shows independents warming to the role of government could signal an important shift

Full column: <http://www.govexec.com/dailyfed/0311/031511op.htm>

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12. **The Earlybird: Today's headlines**

Get links to the top news of the day:

<http://www.govexec.com/dailyfed/ebird.htm>

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13. **Quote of the Day**

We want to see data that can be used to hold government accountable," but that is "noticeably absent from Data.gov.

-- Rep. James Lankford, R-Okla., on [apparent errors](#) and trivia on government data websites

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Government Executive * 600 New Hampshire Avenue, NW * Washington, DC 20037

From: Nextgov.com Newsletters
To: Correia, Richard
Subject: Nextgov Today -- March 15, 2011
Date: Tuesday, March 15, 2011 5:33:00 AM

TUESDAY, MARCH 15, 2011



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ARTICLES

- Despite power outage, key U.S. air base in Japan supports rescue operations
- U.S. supercomputer experts assess radiation risks amid crisis at Japanese nuclear facility
- Military units supporting relief operations in Japan face bandwidth shortages
- Widespread errors hinder Obama administration's open government initiative
- Privacy issues tarnish Google's Washington image

WHAT'S BREWIN'

Bob Brewin's Take on Defense Information Technology

- Pentagon Blocks Websites to Free Bandwidth for Relief Ops

TECH INSIDER

An Expert Blog on the State of Federal Technology

- Cost of Earthquake Being Tabulated With Federal News Feeds

WIRED WORKPLACE

A Look at Issues Facing Federal IT Workers

- Generation C

CYBERSECURITY REPORT

Updates on the battle to protect data and systems

- Clinton Spokesman Quits Over WikiLeaks Comments

HEALTH IT UPDATE

The latest developments in the e-health world

- Report: EHRs Don't Come Cheap

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ARTICLES

- **Despite power outage, key U.S. air base in Japan supports rescue operations**

BY BOB BREWIN

With limited power and communications capability in frigid temperatures, Misawa Air Base in northeast Japan has been serving as the hub for search-and-rescue teams that arrived Sunday.

44/93

Full story: http://www.nextgov.com/nextgov/ng_20110314_7198.php?oref=rss?zone=NGtoday

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▪ **U.S. supercomputer experts assess radiation risks amid crisis at Japanese nuclear facility**

BY ALIYA STERNSTEIN

The U.S. agency charged with protecting America's nuclear weapons has deployed a team of stateside supercomputer experts to gauge the radiation risks posed by the nuclear crisis in Japan.

Full story: http://www.nextgov.com/nextgov/ng_20110314_3634.php?oref=rss?zone=NGtoday

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▪ **Military units supporting relief operations in Japan face bandwidth shortages**

BY BOB BREWIN

Defense Department relief operations in Japan range from the simple -- sailors picking up debris in a fishing village -- to the sophisticated -- troops conducting aerial surveillance over the country using an Air Force unmanned Global Hawk aircraft based in Guam.

Full story: http://www.nextgov.com/nextgov/ng_20110314_9111.php?oref=rss?zone=NGtoday

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▪ **Widespread errors hinder Obama administration's open government initiative**

BY WILLIAM MATTHEWS

There are two sides to the Obama administration's push for open government:

Full story: http://www.nextgov.com/nextgov/ng_20110314_5330.php?oref=rss?zone=NGtoday

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▪ **Privacy issues tarnish Google's Washington image**

BY DAVID HATCH, NATIONAL JOURNAL

Reps. Edward Markey, D-Mass., and Joe Barton, R-Texas, cochairs of the Bipartisan Privacy Caucus and

longtime members of the House Energy and Commerce Committee, don't agree on much. But after Google was caught last month collecting Social Security information from children who took part in its annual doodling contest, the lawmakers set aside their differences. In a scathing joint statement, they called the action "unacceptable."

Full story: http://www.nextgov.com/nextgov/ng_20110314_6988.php?oref=rss?zone=NGtoday

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WHAT'S BREWIN'

Bob Brewin's Take on Defense Information Technology

▪ **Pentagon Blocks Websites to Free Bandwidth for Relief Ops**

BY BOB BREWIN | 3/14/11 | 12:37 P.M. ET

I'm told the Defense Department has blocked access to a wide range of commercial websites in order to conserve bandwidth for relief operations in Japan.

Read More:

http://whatsbrewin.nextgov.com/2011/03/pentagon_blocks_websites_to_free_bandwidth_for_relief_ops.php

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TECH INSIDER

An Expert Blog on the State of Federal Technology

▪ **Cost of Earthquake Being Tabulated With Federal News Feeds**

BY ALIYA STERNSTEIN | 3/11/11 | 6:39 P.M. ET

Insurance companies are preparing for the economic fallout of the tsunami rippling through the Pacific by generating risk models based on ground motion data feeds from the U.S. Geological Survey.

Read More:

http://techinsider.nextgov.com/2011/03/cost_of_earthquake_being_tabulated_with_federal_news_feeds.php

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- Medical Simulation and Training
- Healthcare Support Services
- Health IT Solutions

- Medical Research and Technology Support
- Health Systems Program Management

WIRED WORKPLACE

A Look at Issues Facing Federal IT Workers

▪ **Generation C**

BY BRITTANY BALLESTEDT | 3/14/11 | 2:45 P.M. ET

Federal human resources leaders are still trying to get their heads around how to manage four different generations in the workplace. Are they ready for a fifth? A new report by Booz and Company suggests a fifth generation -- Generation C -- is starting to enter the workplace.

Read More: http://wiredworkplace.nextgov.com/2011/03/generation_c_1.php

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CYBERSECURITY REPORT

Updates on the battle to protect data and systems

▪ **Clinton Spokesman Quits Over WikiLeaks Comments**

BY DAWN LIM | 3/14/11 | 1:20 A.M. ET

A State Department spokesman quit Sunday after he made disparaging remarks at a new media conference about the Defense Department's treatment of WikiLeaks' suspect Bradley Manning, revealing internal tensions that the Obama Administration faces in dealing with the technological forces changing the political landscape.

Read More: http://cybersecurityreport.nextgov.com/2011/03/a_state_department_spokesman_quit.php

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HEALTH IT UPDATE

The latest developments in the e-health world

▪ **Report: EHRs Don't Come Cheap**

BY JOHN PULLEY | 3/14/11 | 3:53 P.M. ET

A five-physician primary-care practice can expect to spend about \$233,000 to implement electronic health records, including \$85,500 in maintenance expenses in the first year, a new federally financed academic study found.

Read More: http://healthitupdate.nextgov.com/2011/03/ehrs_dont_come_cheap_report.php

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From: Sheron, Brian
To: Bonaccorso, Amy; Calvo, Antony; Case, Michael; Coe, Doug; Correia, Richard; Dion, Jeanne; Gibson, Kathy; Lui, Christiana; Richards, Stuart; Rini, Brett; Sangimino, Donna-Marie; Uhle, Jennifer; Valentin, Andrea
Subject: FW: Press Release: NRC Sends Additional Experts to Assist Japan
Date: Tuesday, March 15, 2011 7:34:57 AM
Attachments: 11-048.docx

From: Harrington, Holly
Sent: Monday, March 14, 2011 8:48 PM
To: OPA Resource; Ash, Darren; Barkley, Richard; Batkin, Joshua; Bell, Hubert; Belmore, Nancy; Bergman, Thomas; Bollwerk, Paul; Bonaccorso, Amy; Borchardt, Bill; Bozin, Sunny; Brenner, Eliot; Brock, Terry; Brown, Boris; Bubar, Patrice; Burnell, Scott; Burns, Stephen; Carpenter, Cynthia; Chandrathil, Prema; Clark, Theresa; Collins, Elmo; Couret, Ivonne; Crawford, Carrie; Cutler, Iris; Dacus, Eugene; Dapas, Marc; Davis, Roger; Dean, Bill; Decker, David; Dricks, Victor; Droggitis, Spiros; Flory, Shirley; Franovich, Mike; Gibbs, Catina; Haney, Catherine; Hannah, Roger; Harbuck, Craig; Hasan, Nasreen; Hayden, Elizabeth; Holahan, Gary; Holahan, Patricia; Holian, Brian; Jacobssen, Patricia; Jaczko, Gregory; Jasinski, Robert; Jenkins, Verlyn; Johnson, Michael; Jones, Andrea; Kock, Andrea; Kotzalas, Margie; Ledford, Joey; Lee, Samson; Leeds, Eric; Lepre, Janet; Lew, David; Lewis, Antoinette; Loyd, Susan; Magwood, William; McCrary, Cheryl; McGrady-Finneran, Patricia; McIntyre, David; Mensah, Tanya; Mitlyng, Viktoria; Monninger, John; Montes, David; Nieh, Ho; Ordaz, Vonna; Ostendorff, William; Owen, Lucy; Powell, Amy; Quesenberry, Jeannette; Reddick, Darani; Regan, Christopher; Reyes, Luis; Riddick, Nicole; RidsSecyMailCenter Resource; Riley (OCA), Timothy; Rohrer, Shirley; Samuel, Olive; Satorius, Mark; Schaaf, Robert; Schmidt, Rebecca; Scott, Catherine; Screnci, Diane; Shaffer, Vered; Shane, Raeann; Sharkey, Jeffry; Sheehan, Neil; Sheron, Brian; Siurano-Perez, Osiris; Steger (Tucci), Christine; Svinicki, Kristine; Tabatabai, Omid; Tannenbaum, Anita; Taylor, Renee; Temp, WDM; Thomas, Ann; Uhle, Jennifer; Uselding, Lara; Vietti-Cook, Annette; Virgilio, Martin; Virgilio, Rosetta; Walker-Smith, Antoinette; Weaver, Doug; Weber, Michael; Weil, Jenny; Werner, Greg; Wiggins, Jim; Williams, Evelyn; Zimmerman, Roy; Zorn, Jason
Subject: RE: Press Release: NRC Sends Additional Experts to Assist Japan

This press release has gone out with slight change. See attached.

From: OPA Resource
Sent: Monday, March 14, 2011 6:59 PM
To: Ash, Darren; Barkley, Richard; Batkin, Joshua; Bell, Hubert; Belmore, Nancy; Bergman, Thomas; Bollwerk, Paul; Bonaccorso, Amy; Borchardt, Bill; Bozin, Sunny; Brenner, Eliot; Brock, Terry; Brown, Boris; Bubar, Patrice; Burnell, Scott; Burns, Stephen; Carpenter, Cynthia; Chandrathil, Prema; Clark, Theresa; Collins, Elmo; Couret, Ivonne; Crawford, Carrie; Cutler, Iris; Dacus, Eugene; Dapas, Marc; Davis, Roger; Dean, Bill; Decker, David; Dricks, Victor; Droggitis, Spiros; Flory, Shirley; Franovich, Mike; Gibbs, Catina; Haney, Catherine; Hannah, Roger; Harbuck, Craig; Harrington, Holly; Hasan, Nasreen; Hayden, Elizabeth; Holahan, Gary; Holahan, Patricia; Holian, Brian; Jacobssen, Patricia; Jaczko, Gregory; Jasinski, Robert; Jenkins, Verlyn; Johnson, Michael; Jones, Andrea; Kock, Andrea; Kotzalas, Margie; Ledford, Joey; Lee, Samson; Leeds, Eric; Lepre, Janet; Lew, David; Lewis, Antoinette; Loyd, Susan; Magwood, William; McCrary, Cheryl; McGrady-Finneran, Patricia; McIntyre, David; Mensah, Tanya; Mitlyng, Viktoria; Monninger, John; Montes, David; Nieh, Ho; Ordaz, Vonna; Ostendorff, William; Owen, Lucy; Powell, Amy; Quesenberry, Jeannette; Reddick, Darani; Regan, Christopher; Reyes, Luis; Riddick, Nicole; RidsSecyMailCenter Resource; Riley (OCA), Timothy; Rohrer, Shirley; Samuel, Olive; Satorius, Mark; Schaaf, Robert; Schmidt, Rebecca; Scott, Catherine; Screnci, Diane; Shaffer, Vered; Shane, Raeann; Sharkey, Jeffry; Sheehan, Neil; Sheron, Brian; Siurano-Perez, Osiris; Steger (Tucci), Christine; Svinicki, Kristine; Tabatabai, Omid; Tannenbaum, Anita; Taylor, Renee; Temp, WDM; Thomas, Ann; Uhle, Jennifer; Uselding, Lara; Vietti-Cook, Annette; Virgilio, Martin; Virgilio, Rosetta; Walker-Smith, Antoinette; Weaver, Doug; Weber, Michael; Weil, Jenny; Werner, Greg; Wiggins, Jim; Williams, Evelyn; Zimmerman, Roy; Zorn, Jason
Subject: Press Release: NRC Sends Additional Experts to Assist Japan

44/94

For immediate release.

Office of Public Affairs
US Nuclear Regulatory Commission
301-415-8200
opa.resource@nrc.gov

Attachment 11-048_1.docx (68711 Bytes) cannot be converted to PDF format.

From: [Library Resource](#)
To: [EPUB - Nuclear News Flashes](#)
Subject: FW: Platts Nuclear News Flashes
Date: Tuesday, March 15, 2011 8:48:30 PM
Attachments: [NNE_20110315.txt](#)

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Nuclear News Flashes
Tuesday, Mar 15, 2011
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[Inside This Issue:]

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- ** Germany to shut seven reactors for safety reviews
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- ** Bingaman urges NRC review of nuclear safety procedures
- ** CPS Energy suspends talks with NRG over new South Texas units
- ** State might file suit in court to close Vermont Yankee
- ** Progress says Crystal River-3 restart delayed due to possible damage
- ** NRC launches special inspection at GNF Wilmington fuel fabrication plant
- ** Scana still 'committed' to new nuclear units at Summer plant: Scana president
- ** Spot uranium price continues to drop

44/95

** US reactor report

*** IAEA increasing response to Japan reactors: Amano

The IAEA is increasing its response to ongoing developments at the Fukushima-I-1 reactor in Japan, IAEA Director General Yukima Amano said March 15.

Amano said at the afternoon press briefing that a Fukushima Accident Coordination Team has been formed at the IAEA, which he will head and run with assistance from Deputy Director General Denis Flory.

Following the fire in the spent fuel pool of Fukushima-I-4, also called Fukushima Daiini-4, on March 15, Amano said, "I felt the need to raise the level of response on the part of the IAEA."

Following the release of radiation from the spent fuel pool fire, Amano said, radioactive iodine and cesium had been detected "near Tokyo," Amano said at the briefing.

The IAEA will provide environmental monitoring assistance to Japan and will also help coordination assistance to Japan, he said.

For more stories on the Japan nuclear crisis, see the March 17 issue of Nucleonics Week.

*** Germany to shut seven reactors for safety reviews

German Chancellor Angela Merkel announced March 15 the provisional shutdown for three months of seven nuclear reactors pending a safety review in light of events in Japan.

Merkel had announced the previous day that the atomic law extending the lifespan of Germany's 17 nuclear reactors will be suspended for three months in order to review safety procedures at the reactors in the light of the nuclear emergency in Japan caused by devastating earthquakes and a tsunami.

"We are launching a safety review of all nuclear reactors ... with all reactors in operation since the end of 1980 set to be idled for the period of the [three-month] moratorium," Merkel said.

Merkel's government last year reversed a decision to phase out all nuclear power plants in Germany by 2022, extending the lifespan of older reactors by eight years and more modern reactors by 14 years. This reversal became law January 1 but will now be suspended for three months.

"Safety has absolute priority, everything else is subordinate," Merkel told reporters after a Cabinet meeting this past weekend.

*** Reactor design bases must be reviewed: WANO chairman

Nuclear power plant operators worldwide will have to review the design bases

of their stations in the wake of the complex events that brought Tokyo Electric Power Co.'s Fukushima I and II nuclear power plants to a dangerous state over the past few days, Laurent Stricker, chairman of the World Association of Nuclear Operators, said March 15.

Whether seismic design bases are based on the right assumptions and standards will be a major point to review, Stricker said in an interview.

WANO's board will meet at the end of this month in Paris to review ongoing assistance to Tokyo Electric Power Co. and to see what nuclear operators worldwide need to do going forward in light of the Japanese accident, Stricker said.

Despite progress made in nuclear plant safety since the 1986 Chernobyl accident, which led to the creation of WANO as an industry mutual-help organization, "we find ourselves with a severe accident," he said.

The design basis of the Japanese plant was "largely" exceeded by the earthquake and subsequent tsunami that struck the plant site, Stricker said from Atlanta, where he was attending a meeting at WANO's regional center.

Stricker said WANO member organizations are providing experts, technical support and equipment to Tepco via the WANO Tokyo Center, one of the organization's four regional centers.

The organization represents operators of 447 nuclear power units in 30 countries.

*** Siemens share in Areva joint venture valued at Eur1.62 billion

An independent expert has set the value of Siemens' 34% stake in Areva NP, its joint venture with France's Areva SA, at Eur1.62 billion (\$2.26 billion), Areva said March 15.

The valuation was done as part of an arbitration procedure. The two companies mandated the expert to assess the value of the Siemens shareholding, in line with the procedure in their shareholders' agreement of January 30, 2001.

Siemens in January 2009 announced its decision to sell the stake back to Areva, as provided for in the shareholders' agreement. The companies have been in arbitration since mid-2009.

The Siemens put was valued on Areva's books at end-2010 at Eur2.09 billion, a value that dated from 2007.

The share price of Areva SA's non-voting certificate of investment has taken a beating since March 14 as the crisis at the Fukushima I and II nuclear power plants has led to doubts about the future of nuclear power in many countries where the French vendor had hoped to seal new plant and services business.

Areva stock closed March 15 down 8.56% to Eur28.80, after dropping 9.61% the previous day. It is down 24% on the year. Only 4% of Areva's shares are traded publicly; the government and government-affiliated entities own 85%.

*** Bingaman urges NRC review of nuclear safety procedures

A key lawmaker urged the NRC March 15 to study Japan's still-unfolding nuclear crisis in order to determine if US nuclear plants are vulnerable to similar disasters.

Senator Jeff Bingaman, a New Mexico Democrat who chairs the Energy and Natural Resources Committee, said NRC "has been fairly assiduous in insisting on adequate safety" for US nuclear reactors. But given the earthquake and tsunami-caused crisis at Tokyo Electric Power Co.'s Fukushima I and II nuclear power plants in Japan, Bingaman urged NRC to take a "fresh look" at its safety procedures for US nuclear facilities.

"We will need to understand what failures in design could have contributed to the problems in Japan, whether they could have been prevented, and whether similar design flaws exist in reactors here in this country," Bingaman said in a statement. "I hope that the [NRC] will quickly reach some conclusions about whether the safety precautions and provisions that it has insisted on are adequate for the future."

Bingaman acknowledged that his committee does not have jurisdiction over NRC; that authority is held by the Senate Environment and Public Works Committee. Still, Bingaman said, Japan's nuclear crisis is of great interest to his panel because of the broader implications that it holds for US energy policy.

Bingaman, who has long been a supporter of nuclear power, said the Japanese disaster has not changed his view on the need for a robust nuclear energy program in the US.

"I think nuclear power can be provided in a safe reliable way," he said, adding, "it is possible that we will learn some things from what's happened in Japan that will persuade us to put in place additional precautions."

Bingaman said he might hold a hearing on the implications of the Japanese nuclear disaster on US energy policy.

*** CPS Energy suspends talks with NRG over new South Texas units

CPS Energy has suspended talks with NRG Energy about a prospective agreement to purchase additional power from the planned two-unit, 2,700-MW expansion of the South Texas Project nuclear generating station, the San Antonio municipal utility and NRG said March 15.

CPS has a 7.625% stake in the expansion project and would be entitled to roughly 206 MW of capacity from the planned South Texas-3 and -4. It and NRG have talked about the possibility of purchasing unspecified amounts of power from Nuclear Innovation North America, the 88%-12% joint venture of NRG and Toshiba, respectively, that owns the other 92.375% of the planned units, NRG spokesman David Knox said.

CPS said in a statement that it and NRG agreed March 15 "that until more information is available about the situation in Japan and its impact on the industry worldwide, it makes sense to put our purchase power agreement discussions on hold."

Knox said March 14 that it was too soon to comment on whether the Japanese nuclear crisis at Tokyo Electric Power Co.'s Fukushima I and II nuclear power plants might affect Tepco's plan to have 449-MW stake in the new units if the project receives a DOE loan guarantee.

*** State might file suit in court to close Vermont Yankee

Vermont will sue Entergy if necessary to ensure Vermont Yankee closes by March 2012, notwithstanding the NRC's decision to issue a 20-year license renewal for the unit, Vermont's Governor Peter Shumlin said March 14.

NRC was expected to issue the license March 16, but that issuance has been delayed because of "the agency's focus on responding to the Japanese request for assistance" in containing damage at several nuclear power reactors caused by earthquakes and a tsunami, spokesman Scott Burnell said March 15.

"There are no technical or legal issues preventing the issuance" of the license, Burnell said.

Shumlin, a Democrat, said in an interview that he is encouraged by comments NRC Chairman Gregory Jaczko made March 10 when the commission voted to dismiss the final challenge to the plant's license renewal. Jaczko said "there are a variety of permits required for this facility to operate and NRC [license renewal] is just one piece of it."

"This is good news because they re-affirmed Vermont's authority" to determine Vermont Yankee's future, Shumlin said.

As president pro tem of the Vermont state Senate, Shumlin last year led the Senate's efforts to deny the plant a new certificate of public good needed for operation beyond March 2012. Shumlin said March 14 that Entergy signed a legal agreement with Vermont when it bought the unit in 2002, agreeing that the state has the right to issue or deny this certificate.

The governor said that should Entergy challenge the 2002 agreement on the grounds that it is preempted by federal law, the state would defend the agreement in federal court.

*** Progress says Crystal River-3 restart delayed due to possible damage

Progress Energy said March 15 that the restart of Crystal River-3 will again be delayed after engineers discovered suspected damage to the containment building that may have been caused by efforts to repair a concrete crack that has kept the unit offline for more than a year.

A new so-called concrete delamination, or crack, may have been created as workers attempted to complete repairs to a crack inside the containment building wall, Progress said in a statement.

The planned restart will be postponed until at least May, the company said, without specifying a new date.

Crystal River-3 has been out of service since September 2009, when it shut for scheduled refueling

and a planned steam generator replacement. Workers discovered a delamination in the containment wall after cutting the opening for the steam generator work. A root-cause analysis concluded the delamination was caused by a redistribution of stress during the process of relaxing cables that give the containment structure additional strength.

Progress had been tightening those cables when monitoring equipment detected a problem, the company said. Repair options for the new delamination are being considered, Progress Energy Florida CEO Vincent Dolan said in the statement.

NRC is following the situation and will decide soon if additional inspectors are needed at the site, spokesman Roger Hannah said March 15.

*** NRC launches special inspection at GNF Wilmington fuel fabrication plant

NRC sent a three-person special inspection team to Global Nuclear Fuels-America's Wilmington, North Carolina fuel fabrication facility to investigate an event in which plant operators failed to maintain required process control over a small quantity of enriched uranium, NRC said in a March 14 statement.

GNF-A reported the event March 2. It occurred in a grinding station in one of the plant's uranium process lines. NRC said GNF-A found a quantity of uranium dioxide beyond prescribed limits had accumulated in a filter in the grinding station.

NRC said all the plant's grinders were shut down following that discovery and no other powder accumulation was found. Other process controls and systems ensured the event posed no danger to plant employees or the public, NRC said.

The inspection began March 14 and will examine the safety implications of the event and the adequacy of GNF-A's corrective actions.

*** Scana still 'committed' to new nuclear units at Summer plant: Scana president

Despite the nuclear reactor accidents in Japan, Scana remains "committed" to building two new nuclear units at its Summer plant in South Carolina, "and our intention is to remain on schedule," Kevin Marsh, president and COO at Scana, said on a press conference call March 15.

The company still expects to receive a combined construction and operating license for the two-unit, 2,234-MW nuclear expansion project from the NRC in late 2011 or early 2012, he said.

No delay is expected in starting operation of the first new unit in 2016 and the second in 2019, Marsh said.

Steve Byrne, executive vice president of generation and transmission and COO at SCE&G, said that the design of Westinghouse's AP1000 reactor, the type to be built at Summer, features a 780,000-gallon "passive containment cooling tank" above the unit's steel containment vessel that

would use gravity to feed cooling water to the reactor in an emergency. Those cooling tanks would provide three days of emergency cooling, he said, and backup cooling water sources would provide another seven days of emergency cooling.

The Scana and SCE&G executives said the Summer station near Jenkinsville, South Carolina is 135 miles from the coast and 400 feet above sea level. The plant is not located near any known active fault line, they said.

*** Spot uranium price continues to drop

The spot price of uranium and the share prices of most uranium-related companies continued to drop March 15 as the world remained focused on the crisis at four Japanese reactors.

Until that crisis is over, it is unclear how low the spot price might drop, analysts said. In the short run, "expect increased volatility," one analyst said. Another said some sellers would back away from the market as the price falls, believing the price will bounce back later in the year. Others, however, are likely to continue to lower their offer prices in order to make sales, he said.

Ux Consulting, which dropped its weekly spot price \$6.50/lb to \$60/lb late March 14, said the spot price appeared to be moving upward after the sale March 9 of US DOE-owned uranium. If the spot price had been under downward pressure when the Japanese earthquake hit, the market "could have seen a full capitulation," UxC said.

TradeTech's weekly spot price, published March 11, was up \$1/lb to \$67.75/lb.

The share price of uranium companies fell over the past several days, some by nearly 35%. Uranium One's closing share price March 10 on the Toronto Stock Exchange, for example, was (C)\$5.93/share. Around mid-day March 15, its share price was about \$3.87/share, a 34.7% decrease. Paladin Energy's shares on the Australian Stock Exchange dropped 32% from (A)\$4.83 March 10 to \$3.26/share March 15. Cameco's share price dropped about 15% from its March 10 \$37.46/share close on the New York Stock Exchange to about \$31.72/share the afternoon of March 15.

*** US reactor report

Turkey Point-3 is operating at 100% power following an outage to repair the condenser system, Florida Power & Light spokeswoman Veronica Swanson said in a March 15 email. FP&L manually shut down the reactor March 6. The unit reconnected to the grid March 14, Swanson said.

Calvert Cliff-2 reconnected to the grid March 15 after completing a refueling outage earlier this week, Constellation Energy Nuclear Group spokesman David Fitz said in an email. The outage began February 13. Fitz said the plant was running at 30% power late afternoon March 15 but could not estimate when it would reach full power.

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From: [Virgilio, Martin](#)
To: "steterm@nhlbi.nih.gov"
Subject: Work gets in the way
Date: Tuesday, March 15, 2011 3:20:41 AM

M

It is now 315 am and I am leaving work and going home to sleep until I wake up (no alarm). The conditions in Japan appear to have degraded.

See you tomorrow

M

44/96

From: [Virgilio, Martin](#)
To: [Cianci, Sandra](#); [Taylor, Renee](#)
Cc: [Borchardt, Bill](#)
Subject: Late Arrival
Date: Tuesday, March 15, 2011 3:29:51 AM

Sandy

I went back to the ops center last night. It is now about 330 am and I am going home to get some sleep. I should be in around noonish. Call if I am needed sooner.

Marty

44/97

From: [NYTimes.com](http://www.nytimes.com)
To: [Virgilio, Martin](#)
Subject: Today's Headlines: Japan Faces Potential Nuclear Disaster as Radiation Levels Rise
Date: Tuesday, March 15, 2011 4:33:31 AM

If you have trouble reading this e-mail, go to: <http://www.nytimes.com/indexes/2011/03/15/todaysheadlines/index.html>



Today's Headlines

March 15, 2011

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TOP NEWS

Japan Faces Potential Nuclear Disaster as Radiation Levels Rise

By HIROKO TABUCHI, DAVID E. SANGER and KEITH BRADSHER

Japan faced the likelihood of a catastrophic nuclear accident after an explosion further damaged one of the crippled reactors and a fire at another spewed large amounts of radioactive material into the air.



In Stricken Fuel-Cooling Pools, a Danger for the Longer Term



The Lede Blog: Day's Updates



Live Video via NHK World



Nuclear Plants in Europe Are Delayed .



Radiation Exposure Could Curtail Workers' Efforts

Need Overwhelms Japan After Quake and Tsunami

By MARTIN FACKLER and MARK McDONALD

Hundreds of bodies are washing up along some shores, making clearer Japan's extraordinary death toll and adding to the burdens of relief workers as they ferry aid and search for survivors.



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[How to Help](#)



[NYC: For Japanese, Learning to Receive](#)

For Elderly, Echoes of War's Horrors

By MARTIN FACKLER

Along the northeastern coast of Japan, the elderly who couldn't outrun the wave made up the largest portion of its victims.

44/98



Survivors Face a Landscape of Loss

[• NYTimes.com Home Page »](#)

QUOTATION OF THE DAY

"I saw the ugly side of people, and then I saw the good side. Some people only thought of themselves. Others stopped to help."

YUTA SAGA, 21, recalling the reactions of neighbors who shoved the elderly aside during the Japanese tsunami, and others who lent a hand.

SPORTS



VIDEO FEATURE:

Gus Johnson's Signature Calls

Gus Johnson's signature calls have turned memorable games epic.



OPINION

OP-ED CONTRIBUTOR

Memories, Washed Away

By MARIE MUTSUKI MOCKETT

Will my family in Japan be as lucky as it was in 1945?



The costs of Trinidad carnival

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- Colombia's coffee crisis
- A landmark insider trading trial



WORLD

Japan Faces Potential Nuclear Disaster as Radiation Levels Rise

By HIROKO TABUCHI, DAVID E. SANGER and KEITH BRADSHAW

Japan faced the likelihood of a catastrophic nuclear accident after an explosion further damaged one of the crippled reactors and a fire at another spewed large amounts of radioactive material into the air.



In Stricken Fuel-Cooling Pools, a Danger for the Longer Term



The Lede Blog: Day's Updates



Live Video via NHK World



Radiation Exposure Could Curtail Workers' Efforts

Panic Selling Depresses Stock Markets in Japan and Rest of Asia

By DAVID JOLLY and BETTINA WASSENER

The Nikkei 225 index fell as much as 14 percent on Tuesday as the prospect of a nuclear catastrophe in Japan spooked investors.



Shipping Giant Says Japan Ports Are Operational

In Stricken Fuel-Cooling Pools, a Danger for the Longer Term

By WILLIAM J. BROAD and HIROKO TABUCHI

Even as workers race to prevent meltdowns, concerns were growing that nearby pools holding spent fuel rods could pose an even greater danger.

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U.S.

For Honolulu's Homeless, an Eviction Notice

By ADAM NAGOURNEY

State officials say they are shutting down a tent colony to encourage development in the city's waterfront.

Miami-Dade Mayor Faces Special Vote to Keep Job

By LIZETTE ALVAREZ

Mayor Carlos Alvarez of Miami-Dade County faces a recall vote that has tapped into the frustration of an area still reeling from a sharply depressed housing market and high unemployment.

Priests and Judge in Abuse Case Spar Over Legal Fees

By KATHARINE Q. SEELYE

Four Roman Catholic priests and a Catholic school teacher appeared in court here Monday in the first of what will likely be several legal skirmishes over whether they will face trial.

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BUSINESS

Emerging Economies Move Ahead With Nuclear Plans

By HEATHER TIMMONS and VIKAS BAJAJ

Big developing nations might reconsider their ambitious plans. But for now India and China say they will continue to invest in nuclear power.



Nuclear Plants in Europe Are Delayed

Disaster in Japan Batters Suppliers

By MIGUEL HELFT and NICK BUNKLEY

The disaster in Japan has damaged factories and disrupted the power and transportation infrastructure, causing a jump in prices for electronic components.

As Library E-Books Live Long, Publisher Sets Expiration Date

By JULIE BOSMAN

While librarians are pushing for access to more e-books to satisfy demand, publishers are reconsidering how much that access should be worth.

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SPORTS

FIVETHIRTYEIGHT

Talent Is Nice, but Luck Is Vital

By NATE SILVER

In the N.C.A.A. tournament, the draw, undoubtedly, can make a huge difference.

For Voice of March, Authenticity Comes With Sizzle

By GREG BISHOP

The announcer Gus Johnson says his exuberant style is only one part of him.



Video Feature: Gus Johnson's Signature Calls



In New Reality of Tournament, CBS Has Partners



Coach Stayed Home, and St. Peter's Is Glad He Did

A Field of 64 Teams, With 4 Heavy Favorites

By JEROME LONGMAN

There is a good chance the Final Four in the N.C.A.A. women's basketball championship will be all four No.

1 seeds.

• [More Sports News »](#)

ARTS

MUSIC REVIEW

Answering the Call for New Talent

By ANTHONY TOMMASINI

At the finals of the Metropolitan Opera's annual National Council Auditions on Sunday, it was awfully hard to pick winners.

Rock 'n' Rollers Salute Their Own

By JON PARELES

The hall's latest inductees include Tom Waits, Dr. John, Neil Diamond, Darlene Love and Alice Cooper.

ABROAD

In Germany, Uproar Over a Doctoral Thesis

By MICHAEL KIMMELMAN

The popular defense minister resigned in a very German scandal - not about sex, but a partly plagiarized dissertation.

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SCIENCE TIMES

The Creature Connection

By NATALIE ANGIER

Our love for animals can be traced to our capacity to infer the mental states of others, which archaeological evidence suggests emerged more than 50,000 ago.

From Single Cells, a Vast Kingdom Arose

By CARL ZIMMER

The beginning of animals is one of the more mysterious episodes in the history of life, and intermediate species are extinct.

ESSAY

No Face, but Plants Like Life Too

By CAROL KAESUK YOON

Vegetable behavior, and other ruminations on what we kill so we can eat.

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EDITORIALS

EDITORIAL

Japan's Multiple Calamities

The unfolding Japanese tragedy should prompt Americans to study our plans for coping with natural disasters and potential nuclear plant accidents.

EDITORIAL

They're Not Listening

The situations in Bahrain and Yemen are quickly deteriorating. Washington needs another plan.

EDITORIAL

The Abuse of Private Manning

The treatment of the soldier accused of giving government files to WikiLeaks conjures creepy memories of how terror suspects were handled during the Bush years.

EDITORIAL

Danbury 11

Some cities and towns, like Danbury, Conn., try to keep day laborers off the streets with legislation that is later ruled unconstitutional.

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OP-ED

OP-ED COLUMNIST

The Ike Phase

By DAVID BROOKS

At a time when urgent action calls, President Obama is choosing prudence. Is this wisdom or passivity?



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OP-ED COLUMNIST

The Sport Needs to Change

By BOB HERBERT

The tragic side of pro football is increasingly emerging from the shadows.



[Columnist Page](#)

OP-ED CONTRIBUTOR

Let Kids Rule the School

By SUSAN ENGEL

Eight teens were given the chance to create their own curriculum, and the results have been transformative.

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ON THIS DAY

On March 15, 1965, addressing a joint session of Congress, President Johnson called for new legislation to guarantee every American's right to vote.

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Subject: Today's Headlines & Columnists
Date: Tuesday, March 15, 2011 4:41:53 AM



Tuesday, March 15, 2011

Tuesday, March 15, 2011 03:54:07

TODAY'S HIGHLIGHTS

Japan's nuclear crisis grows more dire after third explosion, reactor fire

Japan's nuclear emergency grew more dire on Tuesday after the third explosion in four days rocked the seaside Fukushima Daiichi complex and fire briefly raged in a storage facility for spent fuel rods at a fourth, previously unaffected reactor.

(By Steven Mufson)

Japan facing mounting toll in triple catastrophe; survivors short on supplies

With its coastal areas pulverized and its nationwide energy supply running low, Japan in recent days has lost much of its infrastructure and refined lifestyle, and far too many of its people.

(By Chico Harlan)

In Sendai, long lines of quiet desperation

In Sendai, a city of 1 million that now has little power or gas and where nearly all shops are closed, survival is ruled not by the law of the jungle but by the orderly rhythms of long queues.

(By Andrew Higgins)

Report: Gulf security forces enter Bahrain

A military force from Saudi Arabia and other Gulf states has entered Bahrain in an attempt to restore order as anti-government demonstrations escalate.

(By Michael Birnbaum)

Obama extends olive branch in gun control debate

President searches for a way to take on the issue of gun violence without touching off a battle with the powerful gun-rights lobby. Gun control advocates and some congressional Democrats are pushing for legislation that would require gun sellers, even those at gun shows, to conduct background checks and would toughen data-reporting requirements.

(By Peter Wallsten)

NATION

METRO

The Federal Diary

The decision to severely slash public employee collective-bargaining rights in Wisconsin is sending a jolt through federal unions in Washington.

(, The Washington Post)

Obama: Rewrite No Child law by fall

President Obama asked Congress on Monday to rewrite the No Child Left Behind law by fall, escalating the urgency of his campaign to overhaul public education.

(by Nick Anderson , The Washington Post)

Census finds more Hispanics than estimated

A new study comparing census counts to annual estimates shows many more Hispanics than previously believed in states with small but growing Latino communities.

(by Carol Morello Washington Post Staff Writer , The Washington Post)

The generational empathy gap

The end of the D.C. telephone weather line is just another example of the contempt the young show for the old.

(by John Kelly , The Washington Post)

Dealing with the youngest fears

24/7 news coverage gives little eyes too much catastrophe.

(, The Washington Post)

POLITICS

44/99

Barbour: Obama doesn't get the economy

Mississippi Gov. Haley Barbour (R), taking another step toward an expected run for the 2012 presidential nomination, road-tested his economic message on Monday in a speech in which he said President Obama's economic policies pose "an even greater threat to our economic future."

(by Karen Tumulty Washington Post Staff Writer , The Washington Post)

The Federal Diary

The decision to severely slash public employee collective-bargaining rights in Wisconsin is sending a jolt through federal unions in Washington.

(, The Washington Post)

House ethics chairman claims predecessor broke rules

The Republican chairman of the House Ethics Committee has accused his Democratic predecessor of acting without cause in forcing staff lawyers to take paid leave amid a probe of alleged misconduct by Rep. Maxine Waters.

(by R. Jeffrey Smith , The Washington Post)

Senate Republicans vow to block non-budget bills

Ten Senate Republicans say they will object to the chamber taking up any bill that does not significantly cut spending or reform the budget.

(by Ben Pershing , The Washington Post)

GOP support waning for stopgap budget bills

A pair of prominent conservative Republicans declared their opposition to the latest short-term budget bill on Monday, increasing the uncertainty about Congress's ability to maintain support for stopgap measures to avoid a government shutdown.

(by Felicia Sonmez , The Washington Post)

STYLE

Traditional media, sports teams fight for coverage possession

In an age when technology permits almost anyone to broadcast text, photos and videos instantly, media columnist Paul Farhi writes, sports teams are far more wary of reporters, viewing them as info-competitors.

(by Paul Farhi , The Washington Post)

A steamroller and a porcupine. BFF?

She doesn't like to be told what to do, even by a good friend and neighbor.

(, The Washington Post)

Review: 'The Chosen' at Arena Stage

Theater J's production is a rare literary adaptation, freed from page-bound encumbrances.

(by Peter Marks , The Washington Post)

A stop at Russell's Corners

"To Make a World: George Ault and 1940s America," at the American Art Museum, takes a focused and intense look at the wartime home front in an exciting exhibition curated by Yale professor Alexander Nemerov.

(by Philip Kennicott , The Washington Post)

A thrilling new world of waiting

The exhaustingly hyped "Terra Nova" will be joining Fox's schedule more than a year after the network began promising it.

(, The Washington Post)

SPORTS

TV and radio listings: March 15

(, The Washington Post)

Torres, Daniel Sedin and Kesler score in first period as Canucks hold off Wild in 4-2 win

VANCOUVER, British Columbia — The Vancouver Canucks are on such a roll, they can play poorly and still win.

(by The Associated Press The Associated Press , AP)

Career nights from Thornton (42) and Dalembert (27) lead Kings past Warriors 129-119

SACRAMENTO, Calif. — Marcus Thornton and Samuel Dalembert did their best to deny the Golden State Warriors another memorable fourth-quarter comeback in what might have been their last game in Sacramento.

(by The Associated Press The Associated Press , AP)

Capitals hit the road for six-game trip

The Capitals will play six consecutive games away from Verizon Center — their longest road trip of the season — while the

arena hosts the NCAA tournament and then the circus.
(by Katie Carrera , The Washington Post)

Third-time charm: Oklahoma women's basketball team aims for 3rd straight Final Four appearance

NORMAN, Okla. — Whitney Hand and Oklahoma now know the path they'll have to take to reach a third straight Final Four, and the least likely one yet.

(by The Associated Press The Associated Press , AP)

WORLD

Libya's Gadhafi, increasingly isolated internationally, finds supporters in Latin America

CARACAS, Venezuela — As Moammar Gadhafi finds himself increasingly isolated internationally, he still has at least a few friends far away.

(by IAN JAMES Associated Press , AP)

Nepal swaps royal family for Mount Everest on its currency now monarchy is abolished

KATMANDU, Nepal — Nepal's central bank has ordered banks and businesses to stop using currency notes with kings' heads on them.

(by The Associated Press The Associated Press , AP)

Public's support for Afghanistan war fading

Nearly two-thirds of Americans say the war in Afghanistan is no longer worth fighting, the highest proportion yet opposed to the conflict, according to a new Washington Post-ABC News poll.

(by Scott Wilson and Jon Cohen , The Washington Post)

Bangladesh court delays hearing on Nobel laureate Yunus' bid to keep job at microfinance bank

DHAKA, Bangladesh — Bangladesh's highest court has delayed arguments on whether Nobel laureate Muhammad Yunus can retain his job at the microfinance bank he founded.

(by The Associated Press The Associated Press , AP)

Japanese finding more disaster victims; survivors face deprivation

With its coastal areas pulverized and its nationwide energy supply running low, Japan in recent days has lost much of its infrastructure and refined lifestyle, and far too many of its people.

(by Chico Harlan , The Washington Post)

LIVE DISCUSSIONS

TECHNOLOGY

EDITORIAL

The best high school TV series

The results are in. My attempt to pick the five best high school TV series of all time inspired many reader suggestions, some good, some awful. Here is what I decided.

(, The Washington Post)

The problems with Rhee's successor

The new permanent chancellor of D.C. schools is going to be Kaya Henderson, and this, to her supporters, is a great thing because she is, as they say, Michelle Rhee without Michelle Rhee. Maybe not.

(, The Washington Post)

Lego contests put students on a mission

A small but growing number of predominantly African American student groups are coming to Lego robotics competitions.

(by Kevin Sieff , The Washington Post)

Jay Mathews on a family that doesn't live by the numbers

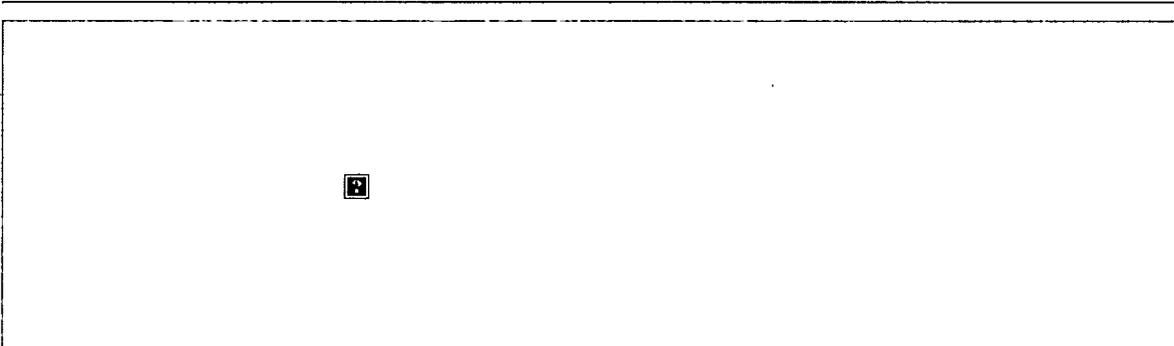
The Demarees of Bethesda seem to be a normal American family, but wait. They didn't tell their children what their SAT scores were? They didn't do test prep? They didn't hire tutors? Could they have the answer to America's obsession with college admission?

(by Jay Mathews Washington Post Staff Writer , The Washington Post)

Computer classes focus on handy apps instead of dense code

At Virginia Tech, faculty members are looking for ways to make computer science more relevant and engaging to a generation of college students who do not know life without the Internet. A shift in teaching style often comes from necessity, as most computer science programs struggle to recruit, retain and graduate enough majors to keep up with demand.

(by Jenna Johnson Washington Post Staff Writer , The Washington Post)



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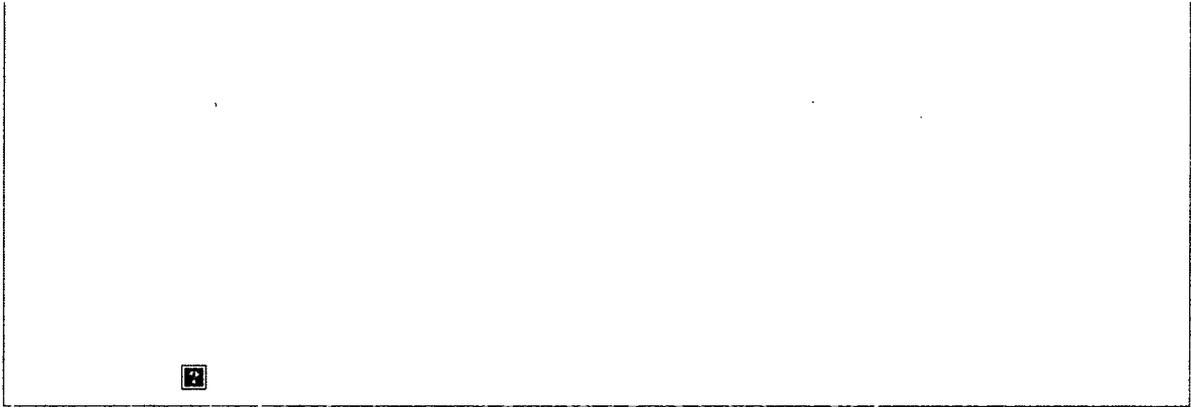


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From: [GovExec.com newsletters](#)
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Subject: GovExec Today: IRS contracts with tax debtors;Postal Service and union ink pact;Cutting Congress' pay
Date: Tuesday, March 15, 2011 5:03:57 AM



Today

TUESDAY, MARCH 15, 2011

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HEADLINES

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2. **USPS, union reach tentative agreement**
3. **Lawmaker seeks 10 percent pay cut for Congress, White House**
4. **From Nextgov: U.S. supercomputer experts assess radiation risks amid crisis at Japanese nuclear facility**
5. **Federal mentors dispense wisdom on YouTube**
6. **New GSA acquisition chief calls for government-contractor cooperation**
7. **Short-term funding measure to prevent shutdown expected to pass**
8. **Senator: Feds should "put the brakes on" new nuke plants after Japanese disaster**
9. **Fedblog: FOIA Studies Find Progress**
10. **Executive Coach: Twelve Steps to a Great Networking Conversation**
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Cybersecurity Report: Updates on the battle to protect data and systems

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1. **Tax delinquency no impediment to contracts with IRS**

By Robert Brodsky

As the revenue service reviews company delinquency claims, it continues to pay offending firms millions under contracts, report finds.

Full story: http://www.govexec.com/story_page.cfm?articleid=47329&dcn=e_gvet

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2. **USPS, union reach tentative agreement**

By Emily Long

New contract would protect against layoffs, limit 'excessing' and raise salaries by 3.5 percent.

Full story: http://www.govexec.com/story_page.cfm?articleid=47328&dcn=e_gvet

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3. **Lawmaker seeks 10 percent pay cut for Congress, White House**

By Emily Long

Bill would reduce salaries for lawmakers, the president and vice president, beginning in 2013.

Full story: http://www.govexec.com/story_page.cfm?articleid=47326&dcn=e_gvet

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4. **From Nextgov: U.S. supercomputer experts assess radiation risks amid crisis at Japanese nuclear facility**

By Aliya Sternstein

44/100

The National Nuclear Security Administration activates a California-based center to process predictive models based on available information.

Full story: http://www.govexec.com/story_page.cfm?articleid=47330&dcn=e_gvet

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5. **Federal mentors dispense wisdom on YouTube**

By Kellie Lunney

Top government leaders offer career advice in online videos for young employees.

Full story: http://www.govexec.com/story_page.cfm?articleid=47327&dcn=e_gvet

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6. **New GSA acquisition chief calls for government-contractor cooperation**

By Robert Brodsky

Mindy Connolly aims to reduce the burden on industry and to develop better dialogue.

Full story: http://www.govexec.com/story_page.cfm?articleid=47325&dcn=e_gvet

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7. **Short-term funding measure to prevent shutdown expected to pass**

By Chris Strohm, National Journal

But lawmakers don't see end game in sight to resolve disputes over funding measure for rest of year.

Full story: http://www.govexec.com/story_page.cfm?articleid=47322&dcn=e_gvet

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8. **Senator: Feds should "put the brakes on" new nuke plants after Japanese disaster**

By Chris Strohm, National Journal

Joe Lieberman says he doesn't want to halt new construction, but to take time for reviews of crisis in Japan.

Full story: http://www.govexec.com/story_page.cfm?articleid=47323&dcn=e_gvet

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9. **Fedblog: FOIA Studies Find Progress**

By Tom Shoop

Outside the bureaucracy, looking in.

Monday, March 14, 6:19 p.m. ET:

By George A. Warner

Many government agencies have made significant changes in Freedom of Information processing in the last two years, a new report released on Monday found. But, nearly half of all agencies studied have shown little or no progress since President Obama instructed agencies to "renew their commitment" to open government principles in a memorandum signed on his first day in office.

Read blog: <http://blogs.govexec.com/fedblog/>

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10. **Executive Coach: Twelve Steps to a Great Networking Conversation**

By Scott Eblin

Taking your career to the next level.

Monday, March 14, 10:00 a.m. ET:

A couple of years ago, I wrote a post called [Five Principles for Building a Strong Network](#). It proved to be pretty popular and I've been practicing and coaching on those principles ever since. Today, I want to share twelve steps to having a good networking conversation. With the idea in mind that experience is the best teacher, I'm going to draw on some lessons learned from networking conversations I've had lately both as both the inviter and the invitee.

Read blog: <http://blogs.govexec.com/executivecoach/>

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11. **Today's column: On Politics**

Trend or Fluke?

A new poll that shows independents warming to the role of government could signal an important shift

Full column: <http://www.govexec.com/dailyfed/0311/031511op.htm>

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12. **The Earlybird: Today's headlines**

Get links to the top news of the day:

<http://www.govexec.com/dailyfed/ebird.htm>

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13. **Quote of the Day**

We want to see data that can be used to hold government accountable," but that is "noticeably absent from Data.gov.

-- Rep. James Lankford, R-Okla., on [apparent errors](#) and trivia on government data websites

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Subject: GovExec Today: Pentagon trims jobs; FEMA recovers overpayments; Obama FOIA compliance questioned
Date: Friday, March 18, 2011 5:03:49 AM



Today

FRIDAY, MARCH 18, 2011

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HEADLINES

1. **Gates details high-level Defense job cuts**
2. **Three-week funding measure headed to president**
3. **Administration falling short on FOIA compliance, critics say**
4. **Pentagon not spotting overpayments to contractors, IG finds**
5. **From Nextgov.com: OMB says it takes money to save money in IT**
6. **Obama: No radiation risk to America**
7. **FEMA recoups millions in improper payments**
8. **OMB, special counsel nominees approved in committee**
9. **The Week in Comments: Disaster preparation and paying for performance**
10. **Lawmakers seeking private funds for major infrastructure**
11. **Warren pushes back against Republican jabs on consumer bureau**
12. **Fedblog: Federal Benefits and Japan**
13. **Executive Coach: Why Google is Teaching Its Managers to Wash the Dishes**
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Cybersecurity Report: Updates on the battle to protect data and systems

Check out Nextgov's cybersecurity blog delivering breaking news and insights on federal cybersecurity efforts. **Don't miss the latest cybersecurity updates – [click here!](#)**

1. **Gates details high-level Defense job cuts**
By Emily Long

Hundreds of contractor, senior executive and officer positions will be eliminated, memo says.

Full story: http://www.govexec.com/story_page.cfm?articleid=47367&dcn=e_gvet

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2. **Three-week funding measure headed to president**

By Humberto Sanchez, National Journal

Senate approves House resolution to fund government through April 8th.

Full story: http://www.govexec.com/story_page.cfm?articleid=47366&dcn=e_gvet

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3. **Administration falling short on FOIA compliance, critics say**

By Robert Brodsky

Agencies are not responding to document requests with the openness President Obama promised, observers charge.

Full story: http://www.govexec.com/story_page.cfm?articleid=47369&dcn=e_gvet

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4. **Pentagon not spotting overpayments to contractors, IG finds**

By George A. Warner

Report comes as scrutiny of Defense's budget intensifies.

Full story: http://www.govexec.com/story_page.cfm?articleid=47372&dcn=e_gvet

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5. **From Nextgov.com: OMB says it takes money to save money in IT**

By Aliya Sternstein

Federal CIO Vivek Kundra says White House needs to hold agencies accountable for corrective actions.

Full story: http://www.govexec.com/story_page.cfm?articleid=47370&dcn=e_gvet

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6. **Obama: No radiation risk to America**

By Matthew Cooper, National Journal

President orders study of nuclear plant safety in the United States.

Full story: http://www.govexec.com/story_page.cfm?articleid=47368&dcn=e_gvet

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7. **FEMA recoups millions in improper payments**

By Kellie Lunney

Agency makes progress with revised process for recovering money but still faces challenges in collecting debt, officials say.

Full story: http://www.govexec.com/story_page.cfm?articleid=47365&dcn=e_gvet

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8. **OMB, special counsel nominees approved in committee**

By Robert Brodsky

Heather Higginbottom would serve in the No. 2 role at the Office of Management and Budget.

Full story: http://www.govexec.com/story_page.cfm?articleid=47363&dcn=e_gvet

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9. **The Week in Comments: Disaster preparation and paying for performance**

The best in reader reaction to recent articles.

Full story: http://www.govexec.com/story_page.cfm?articleid=47364&dcn=e_gvet

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10. **Lawmakers seeking private funds for major infrastructure**

By Tim Fernholz, National Journal

Two bills approach public project financing from different directions: investments and bond underwriting.

Full story: http://www.govexec.com/story_page.cfm?articleid=47360&dcn=e_gvet

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11. **Warren pushes back against Republican jabs on consumer bureau**

By Stacy Kaper, National Journal

Financial institutions guilty of precipitating an economic collapse must be held accountable, she says.

Full story: http://www.govexec.com/story_page.cfm?articleid=47361&dcn=e_gvet

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12. **Fedblog: Federal Benefits and Japan**

By Kellie Lunney

Outside the bureaucracy, looking in.

Thursday, March 17, 4:18 p.m. ET:

The Office of Personnel Management now is handling inquiries related to benefits for federal annuitants who died during the recent earthquake and tsunami in Japan. Affected family members and other individuals can call 202-606-8142 to report deaths and/or advise the government of any disruptions in April 1, 2011 annuity payments.

Read blog: <http://blogs.govexec.com/fedblog/>

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13. **Executive Coach: Why Google is Teaching Its Managers to Wash the Dishes**

By Scott Eblin

Taking your career to the next level.

Thursday, March 17, 2:30 p.m. ET:

The *New York Times* recently ran an article about what Google has done lately to share the practices of its best managers throughout the company. Being Google, a bunch of statisticians started looking for correlations in the words and phrases that came up again and again in performance reviews, feedback surveys and recognition nominations. The end result was a simple yet elegant list of eight things that the best Google managers do.

Read blog: <http://blogs.govexec.com/executivecoach/>

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14. **Tech Insider: Vivek Kundra, Video Star**

By Tom Shoop

What's happening and what's being discussed in the federal IT community.

Thursday, March 17, 2:46 p.m. ET:

Last year, the Obama administration started producing a series of "White House Whiteboard" videos to highlight administration policies and initiatives. The latest edition features none other than federal CIO Vivek Kundra, discussing the ins and outs of the [Federal IT Dashboard](#) and the administration's TechStat review sessions:

Read blog: <http://techinsider.nextgov.com/>

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15. **Today's column: Retirement Planning**

For Richer or Poorer: Final Words

Some general guidance about options when it comes to providing for a surviving spouse.

Full column: <http://www.govexec.com/dailyfed/0311/031811rp.htm>

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16. **The Earlybird: Today's headlines**

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17. **Quote of the Day**

The Bush administration was tough and tricky, but the Obama administration is tougher and trickier.

-- Tom Fitton, president of the conservative Judicial Watch, on [agency reluctance to respond to FOIA requests](#).

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- U.S. supercomputer experts assess radiation risks amid crisis at Japanese nuclear facility
- Military units supporting relief operations in Japan face bandwidth shortages
- Widespread errors hinder Obama administration's open government initiative
- Privacy issues tarnish Google's Washington image

WHAT'S BREWIN'

Bob Brewin's Take on Defense Information Technology

- Pentagon Blocks Websites to Free Bandwidth for Relief Ops

TECH INSIDER

An Expert Blog on the State of Federal Technology

- Cost of Earthquake Being Tabulated With Federal News Feeds

WIRED WORKPLACE

A Look at Issues Facing Federal IT Workers

- Generation C

CYBERSECURITY REPORT

Updates on the battle to protect data and systems

- Clinton Spokesman Quits Over WikiLeaks Comments

HEALTH IT UPDATE

The latest developments in the e-health world

- Report: EHRs Don't Come Cheap

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ARTICLES

- **Despite power outage, key U.S. air base in Japan supports rescue operations**
BY BOB BREWIN

With limited power and communications capability in frigid temperatures, Misawa Air Base in northeast Japan has been serving as the hub for search-and-rescue teams that arrived Sunday.

44/101

Full story: http://www.nextgov.com/nextgov/ng_20110314_7198.php?oref=rss?zone=NGtoday

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▪ **U.S. supercomputer experts assess radiation risks amid crisis at Japanese nuclear facility**

BY ALIYA STERNSTEIN

The U.S. agency charged with protecting America's nuclear weapons has deployed a team of stateside supercomputer experts to gauge the radiation risks posed by the nuclear crisis in Japan.

Full story: http://www.nextgov.com/nextgov/ng_20110314_3634.php?oref=rss?zone=NGtoday

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- Medical Simulation and Training
- Healthcare Support Services
- Health IT Solutions
- Medical Research and Technology Support
- Health Systems Program Management

▪ **Military units supporting relief operations in Japan face bandwidth shortages**

BY BOB BREWIN

Defense Department relief operations in Japan range from the simple -- sailors picking up debris in a fishing village -- to the sophisticated -- troops conducting aerial surveillance over the country using an Air Force unmanned Global Hawk aircraft based in Guam.

Full story: http://www.nextgov.com/nextgov/ng_20110314_9111.php?oref=rss?zone=NGtoday

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▪ **Widespread errors hinder Obama administration's open government initiative**

BY WILLIAM MATTHEWS

There are two sides to the Obama administration's push for open government:

Full story: http://www.nextgov.com/nextgov/ng_20110314_5330.php?oref=rss?zone=NGtoday

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▪ **Privacy issues tarnish Google's Washington image**

BY DAVID HATCH, NATIONAL JOURNAL

Reps. Edward Markey, D-Mass., and Joe Barton, R-Texas, cochairs of the Bipartisan Privacy Caucus and

longtime members of the House Energy and Commerce Committee, don't agree on much. But after Google was caught last month collecting Social Security information from children who took part in its annual doodling contest, the lawmakers set aside their differences. In a scathing joint statement, they called the action "unacceptable."

Full story: http://www.nextgov.com/nextgov/ng_20110314_6988.php?oref=rss?zone=NGtoday

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WHAT'S BREWIN'

Bob Brewin's Take on Defense Information Technology

▪ **Pentagon Blocks Websites to Free Bandwidth for Relief Ops**

BY BOB BREWIN | 3/14/11 | 12:37 P.M. ET

I'm told the Defense Department has blocked access to a wide range of commercial websites in order to conserve bandwidth for relief operations in Japan.

Read More:

http://whatsbrewin.nextgov.com/2011/03/pentagon_blocks_websites_to_free_bandwidth_for_relief_ops.php

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TECH INSIDER

An Expert Blog on the State of Federal Technology

▪ **Cost of Earthquake Being Tabulated With Federal News Feeds**

BY ALIYA STERNSTEIN | 3/11/11 | 6:39 P.M. ET

Insurance companies are preparing for the economic fallout of the tsunami rippling through the Pacific by generating risk models based on ground motion data feeds from the U.S. Geological Survey.

Read More:

http://techinsider.nextgov.com/2011/03/cost_of_earthquake_being_tabulated_with_federal_news_feeds.php

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WIRED WORKPLACE

A Look at Issues Facing Federal IT Workers

▪ **Generation C**

BY BRITTANY BALLESTEDT | 3/14/11 | 2:45 P.M. ET

Federal human resources leaders are still trying to get their heads around how to manage four different generations in the workplace. Are they ready for a fifth? A new report by Booz and Company suggests a fifth generation -- Generation C -- is starting to enter the workplace.

Read More: http://wiredworkplace.nextgov.com/2011/03/generation_c_1.php

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CYBERSECURITY REPORT

Updates on the battle to protect data and systems

▪ **Clinton Spokesman Quits Over WikiLeaks Comments**

BY DAWN LIM | 3/14/11 | 1:20 A.M. ET

A State Department spokesman quit Sunday after he made disparaging remarks at a new media conference about the Defense Department's treatment of WikiLeaks' suspect Bradley Manning, revealing internal tensions that the Obama Administration faces in dealing with the technological forces changing the political landscape.

Read More: http://cybersecurityreport.nextgov.com/2011/03/a_state_department_spokesman_quit.php

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HEALTH IT UPDATE

The latest developments in the e-health world

▪ **Report: EHRs Don't Come Cheap**

BY JOHN PULLEY | 3/14/11 | 3:53 P.M. ET

A five-physician primary-care practice can expect to spend about \$233,000 to implement electronic health records, including \$85,500 in maintenance expenses in the first year, a new federally financed academic study found.

Read More: http://healthitupdate.nextgov.com/2011/03/ehrs_dont_come_cheap_report.php

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From: GovExec.com newsletters
To: Virgilio, Martin
Subject: GovExec.com -- The Management Agenda
Date: Tuesday, March 15, 2011 5:47:40 AM



The Management Agenda

TUESDAY, MARCH 15, 2011

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1. **Tax delinquency no impediment to contracts with IRS**
2. **Corporate leaders advise government on personnel, contracting issues**
3. **New GSA acquisition chief calls for government-contractor cooperation**
4. **Government uses new and old media to get its message out after Japan disaster**
5. **Office of Special Counsel nominee vows to boost morale**
6. **GSA launches program to educate new and emerging contractors**
7. **Army skeptical of fixed-price contracts**
8. **OMB not moving to implement 'high road' contracting policy**
9. **The rocky road to reorganization, from Nixon to Obama**
10. **This week's column: Management Matters**
11. **Quote of the week**

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Cybersecurity Report: Updates on the battle to protect data and systems

Check out Nextgov's cybersecurity blog delivering breaking news and insights on federal cybersecurity efforts. Don't miss the latest cybersecurity updates – [click here!](#)

1. **Tax delinquency no impediment to contracts with IRS**

By Robert Brodsky

As the revenue service reviews company delinquency claims, it continues to pay offending firms millions under contracts, report finds.

Full story: http://www.govexec.com/story_page.cfm?articleid=47329&dcn=e_tma

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2. **Corporate leaders advise government on personnel, contracting issues**

By Robert Brodsky

The new Management Advisory Board is working with the White House on operational management issues.

Full story: http://www.govexec.com/story_page.cfm?articleid=47318&dcn=e_tma

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3. **New GSA acquisition chief calls for government-contractor cooperation**

By Robert Brodsky

Mindy Connolly aims to reduce the burden on industry and to develop better dialogue.

Full story: http://www.govexec.com/story_page.cfm?articleid=47325&dcn=e_tma

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4. **Government uses new and old media to get its message out after Japan disaster**

By Kellie Lunney

Press conferences, Twitter help agencies disseminate information on tsunami effects in the U.S.

yy/102

Full story: http://www.govexec.com/story_page.cfm?articleid=47319&dcn=e_tma

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5. **Office of Special Counsel nominee vows to boost morale**

By Robert Brodsky

Carolyn Lerner tells Senate panel she'll focus on whistleblower rights and beef up investigations of veterans' complaints.

Full story: http://www.govexec.com/story_page.cfm?articleid=47303&dcn=e_tma

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6. **GSA launches program to educate new and emerging contractors**

By Robert Brodsky

The Business Breakthrough Program targets midsize firms that often slip through the cracks of some contracting programs.

Full story: http://www.govexec.com/story_page.cfm?articleid=47309&dcn=e_tma

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7. **Army skeptical of fixed-price contracts**

By Robert Brodsky

Service's top acquisition official tells industry group he prefers cost-type contracts so that vendors share in the financial risk.

Full story: http://www.govexec.com/story_page.cfm?articleid=47296&dcn=e_tma

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8. **OMB not moving to implement 'high road' contracting policy**

By Robert Brodsky

Heather Higginbottom, nominated as OMB's deputy director, tells a Senate panel the controversial proposal isn't currently moving forward.

Full story: http://www.govexec.com/story_page.cfm?articleid=47286&dcn=e_tma

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9. **The rocky road to reorganization, from Nixon to Obama**

By Robert Brodsky

Management experts argue that overhauls of government usually fail and rarely result in cost savings.

Full story: http://www.govexec.com/story_page.cfm?articleid=47285&dcn=e_tma

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10. **This week's column: Management Matters**

Maintaining Morale

Even if there's no government shutdown, agencies should focus on three things.

Full column: <http://www.govexec.com/dailyfed/0311/030911mm.htm>

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11. **Quote of the Week:**

"I think a lot of employees don't even know that OSC exists."

-- Carolyn Lerner, [nominee to head](#) Office of Special Counsel, on need to make whistleblowers comfortable coming forward.

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From: Taylor, Renee
To: EDO Distribution
Subject: Non-Mandatory Events Briefinig
Date: Tuesday, March 15, 2011 7:33:15 AM
Importance: High

All,

Bill will be giving us a 10 minute update regarding current events in Japan during the 8:00 Events Briefing this morning. If you interested in more information please feel free to come up to O-17B4.

Thanks,
Renee

44/103

From: USATODAY.com
To: [Virgilio, Martin](#)
Subject: Daily Briefing from USATODAY.com - March 15
Date: Tuesday, March 15, 2011 7:37:52 AM

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From: E&E Publishing, LLC
To: Virgilio, Martin
Subject: March 15 -- E&E Daily is ready
Date: Tuesday, March 15, 2011 7:50:53 AM

E&E Daily



AN E&E PUBLISHING SERVICE

E&E DAILY -- TUE., MARCH 15, 2011 -- [Read the full edition](#)

1. **QUAKE AFTERMATH -- POLITICS: Nuclear crisis sharpens GOP's go-slow disaster message**

As President Obama prepared to take office, his then-chief of staff famously summed up the new era by vowing to never let a "crisis go to waste." But as the third energy disaster in one year unfolds before Americans' eyes, Republicans are uniting behind a different kind of policymaking strategy for turbulent times: Don't rush to judgment.

2. **QUAKE AFTERMATH -- ENERGY POLICY: Will Japanese crisis affect nuclear, CES discussions?**

Nuclear energy advocates are optimistic the ongoing Japanese nuclear crisis will not affect energy policy discussions on Capitol Hill, including talks of a possible "clean energy" standard, but they concede nuclear energy will receive more careful scrutiny moving forward. "I think any incident like this, we ought to take the opportunity to learn from. If we find there are any changes we can make in any nuclear facilities, we have to make them safer," Sen. Richard Burr (R-N.C.) said last night in the Capitol. "We should incorporate that, but I don't think this is a death knell to nuclear generation in the future."

CAMPAIGN 2012

3. **WHITE HOUSE CANDIDATE PROFILE:** The resurgence of 'conservationist' Gingrich

ON THE HILL

4. **CLIMATE:** Bill to hamstring GHG regs set for Energy and Commerce vote today
5. **SENATE:** GOP vows to block Commerce secretary nominee until trade deals clinched
6. **DOE:** House GOP widens probe into federal loans to Solyndra
7. **CHEMICAL SECURITY:** House panel to question DHS on emergency preparedness

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8. **AGRICULTURE:** Farm state lawmakers to hold markup of USDA budget letter

E&ETV'S ONPOINT

9. **OIL AND GAS:** CAP's Weiss discusses politics of rising prices

THIS WEEK'S MARKUPS AND HEARINGS

CALENDAR: Activity for March 14 - March 18, 2011

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From: [GSN Homeland Security Insider](#)
To: [Virgilio, Martin](#)
Subject: NRC monitoring post-earthquake nuclear plant releases
Date: Tuesday, March 15, 2011 8:09:50 AM



zebra

Tuesday, March 15, 2011

NRC monitoring post-earthquake nuclear plant releases

The Nuclear Regulatory Commission (NRC) doesn't believe the radiation released by crippled reactors at nuclear power plants in earthquake and tsunami-stricken Japan pose a threat to the U.S., and believes Japan is taking correct precautionary measures in the wake of the disaster. Japan



The White House quoted the NRC in a March 13 statement that said U.S. states on the Pacific Rim were safe from the initial releases of radiation on Saturday when the Fukushima nuclear plant vented radiation-tainted gas from overheating reactors. "With regards to the United States, the NRC has released information stating that Hawaii, Alaska, the U.S. Territories and the U.S. West Coast are not expected to experience any harmful levels of radioactivity," said White House Press Secretary Jay Carney in a statement. [More](#)



High Definition Outdoor PTZ Dome

Bosch

AutoDome 800 Series HD outdoor cameras from Bosch Security Systems are the first 1080p high-speed pan-tilt-zoom domes to deliver 20x zoom for highly detailed imaging at great distances. With 360° coverage, full HD resolution and day/night functionality, you'll capture the details needed to identify faces, license plates and other scene features. Combined with advanced video analytics embedded in the cameras, you get powerful automated surveillance that alerts on potential security risks.



[Learn more at www.autodome.com](http://www.autodome.com)

TSA posts radiation reports, to re-test airport scanners

The Transportation Security Administration (TSA) is hoping to allay concerns about X-ray scanner radiation by posting unedited radiological reports on its Web page, retesting all of its deployed X-ray scanners for safety within the next year and testing all deployed backscatter imaging machines by the end of March. radiation



The multitude of screening technologies that use X-ray technology in airports to screen passengers and baggage, like backscatter imaging, multi-view advanced technology X-rays, explosive detection systems, and single projection X-ray systems have spurred safety complaints from some groups over the last few years. TSA has been trying for some time to explain that the radiation doses that travelers typically receive from the machines aren't hazardous. [More](#)

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DHS invites public comments on ways it can cut regulatory red tape

IdeaScale

Two months after President Obama issued a government-wide executive order calling on all federal departments to review their existing regulations with an eye toward modifying, streamlining and repealing some of the worst of the red tape, DHS is kicking off its own effort in this area by seeking input from the general public.



DHS has issued a request for comments from the public on how the department can seek "more affordable, less intrusive means to achieve policy goals," according to a *Federal Register* notice published on March 14. [More](#)

Yellow flag waved by CERT on quake scams

Nothing brings out information highwaymen like human misery. Catastrophe is like mother's milk to them. That's why the U.S. CERT issued a warning March 11 cautioning consumers to be aware in the coming days of Internet and e-mail scams aimed at big-hearted Net denizens looking to contribute cash to relief efforts for Japanese citizens battered by the recent earthquake and tsunami.



"Phishing emails and websites requesting donations for bogus charitable organizations commonly appear after these types of natural disasters," [advised the agency](#) charged with response and defense against cyber attacks against the dot-gov domain, and with information sharing with state and local governments and the private sector. [More](#)



Serious vulnerability found in 68% of all Web sites in 2010

Grossman

More than two-thirds of all Web sites were exposed to at least one serious vulnerability almost every day during 2010.



The "window of exposure" during the period for nearly half of all sites (44 percent) was 365 days, while for another 24 percent of the sites it was 271-364 days, according to a [report](#) released March 7 by [White Hat Security](#), of Santa Clara, CA, a provider of risk management solutions.

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One of the most vulnerable industries identified in the annual Web site security statistics report was education, where 71 percent of that sector's Net posts were vulnerable for 365 days in 2010 and seven percent for 271-364 days. Social networking sites were highly vulnerable, too. More than half of them (58 percent) were vulnerable for every day in 2010 and 21 percent of them for 271-364 days. [More](#)

**GSN's Daily
Homeland Security
Insider**

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E-mail security ignored by most workers worldwide

Nearly half of the workers in the world feel it's worth the security risks to send messages and documents to their personal e-mail accounts.

Bauer WEB

Some 70 percent of more than 2,400 corporate e-mail users worldwide say they're aware of the additional risks of sending work documents to their personal accounts outside the cocoon of their corporate systems, but 47 percent of them say they do it anyway, according to the results of a survey released March 9 by [Mimecast](#), of Waltham, MA, a supplier of online e-mail, security, continuity and archiving services.



"The most important conclusion that can be drawn from the report is that IT departments worldwide are fighting a losing battle in seeking to constrain employees' behavior through policy alone," the company said in a statement. "Today's information workers, or 'Generation Gmail,' want to be able to use email as flexibly in the workplace as they can in their personal lives." [More](#)

With six months to go, Rockefeller urges D-block allocation

Rockefeller

With only six months left before the tenth anniversary of the 9/11 attacks, Sen. Jay Rockefeller, (D-WV), urged Congress to allocate spectrum to emergency responders for a nationwide interoperable public safety communications network.



On the floor of the U.S. Senate on March 10, Rockefeller told colleagues that his legislation that would provide public safety officials with the spectrum they need to communicate during emergencies was critical. Rockefeller has said that getting the 700 MHz "D-block" spectrum to public safety is his top priority in the run up to the 9/11 tenth anniversary. [More](#)



A summer with the NJ office of homeland security: An intern's reflections

By Jay T. Sogliuzzo

Landing an internship in any field comes with a number of stereotypes. Thoughts of constant coffee runs, filling shelves, filing paperwork or doing any mindless task for hours on end can make a college student pause.

Sogliuzzo

When I was offered the opportunity to intern at the New Jersey Office of Homeland Security and Preparedness, all of those stereotypes rushed to my head. Then, I started to imagine how I would endure endless meetings in windowless rooms. Or, given my lowly intern status, would I be able to experience any real-world work? Or would such learning situations simply be out beyond my clearance level? [More](#)



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From: [ANS DCSection](#)
To: [ans.dcsection](#)
Subject: Talking Points on Implications of Fukushima Accident to U.S. Nuclear Plants
Date: Tuesday, March 15, 2011 9:58:50 AM
Attachments: [ANS Talking Points - 2011-03-13.R1_2.pdf](#)

FYI. The below email is from National ANS.

-----Original Message-----

From: Joe Colvin [mailto:president@ans.org]

Sent: Monday, March 14, 2011 2:46 AM

To: Witt, Kevin

Subject: Talking Points on Implications of Fukushima Accident to U.S. Nuclear Plants

Dear ANS Members:

Over the last two days, the ANS Crisis Communications team has been very proactive and has handled a multitude of media and press calls. ANS spokespersons have participated in national television, radio and press interviews providing the views of the nuclear science and technology experts within the Society. We are particularly grateful to Dr. Dale Klein who has given tremendous support to the Society and the public in response to the events at Fukushima.

We have begun fielding media inquiries about the implications of the problems at Fukushima on the US program. We have prepared the attached talking points to assist responders to this line of questions. The talking points are consistent with the talking points prepared by the Nuclear Energy Institute (NEI) on the same subject.

Thank you all for your strong support!

Joe

44/107

The predominance of ANS members reside in the U.S. As we interact with our family, neighbors and citizens in our communities many questions will come based on news coverage of the nuclear power plant situation in Japan. These talking points key on the theme 'could it happen in the U.S.?' *

ANS Member Talking Points

Implications to U.S. nuclear energy program from the Japanese earthquake

It is premature for the technical community to draw conclusions from the earthquake and tsunami tragedy in Japan with regard to the U.S. nuclear energy program. Many opposed to nuclear power will try to use this event to call for changes in the U.S. Japan is facing beyond a "worst case" disaster since we, the technical community, did not hypothesize an event of this magnitude. Thus far, even the most seriously damaged of Japan's 54 reactors have not released radiation at levels that would harm the public. That is testament to the way professionals in our profession operate: our philosophy of defense in-depth, excellent designs, high standards of construction, conduct of operations, and most important the effectiveness of employees in following emergency preparedness planning.

The Nuclear Science and Technology (NS&T) community takes very seriously our commitment to safe operation of any nuclear facility and will incorporate lessons learned based on this experience into our safety and operating procedures. The ANS will facilitate the sharing of technical information so that these lessons receive wide distribution and be archived for future stewards of this technology. Some points to remember from this week:

- Nuclear power plants have proven their value to society in Japan, the United States and elsewhere. They provide large amounts of base load electricity on an around-the-clock basis, and they do so cost-effectively with the lowest electricity production costs of any large energy source. Both Japan and the United States have benefited greatly from nuclear energy; it has been instrumental in the nations' economic success over the past half century and their high standard of living.
- Our hallmark as a NS&T organization is to incorporate operating experience and lessons learned. When we fully understand the facts surrounding the event in Japan, we will share, document and use those insights to make NS&T even safer.
- Nuclear energy has been and will continue to be a key element in meeting America's energy needs. The nuclear industry sets the highest standards for safety and, through our focus on continuous learning; we will incorporate lessons learned from the events in Japan. The dominant factors determining technology used for new generation will be demand for new generation, the competitiveness of nuclear energy in comparison with other sources of electricity generation, and the continued safe operation of U.S. nuclear power plants.

- There has not been a rush to judgment on the part of U.S. policymakers during the first few days of this situation. We believe that is due in part to the recognition on their part that nuclear energy must continue to play a key role in a diversified energy portfolio that strengthens U.S. energy security and fuels economic growth.

* The genesis of this document is the NEI "Talking Points - Implications to U.S. nuclear energy program of the Japanese earthquake" dated March 13, 2011

From: [ANS_DCSection](#)
To: [ans.dcsection](#)
Subject: Re: Talking Points on Implications of Fukushima Accident to U.S. Nuclear Plants
Date: Tuesday, March 15, 2011 10:43:49 AM

Below is the text of the attachment for those of you who couldn't access the previously attached file. ~Suzanne

The predominance of ANS members reside in the U.S. As we interact with our family, neighbors and citizens in our communities many questions will come based on news coverage of the nuclear power plant situation in Japan. These talking points key on the theme 'could it happen in the U.S.?' *

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- Nuclear power plants have proven their value to society in Japan, the United States and elsewhere. They provide large amounts of base load electricity on an around-the-clock basis, and they do so cost-effectively with the lowest electricity production costs of any large energy source. Both Japan and the United States have benefited greatly from nuclear energy; it has been instrumental in the nations' economic success over the past half century and their high standard of living.
- Our hallmark as a NS&T organization is to incorporate operating experience and lessons learned. When we fully understand the facts surrounding the event in Japan, we will share, document and use those insights to make NS&T even safer.
- Nuclear energy has been and will continue to be a key element in meeting America's energy needs. The nuclear industry sets the highest standards for safety and, through our focus on continuous learning; we will incorporate lessons learned from the events in Japan. The dominant factors determining technology used for new generation will be demand for new generation, the competitiveness of nuclear

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energy in comparison with other sources of electricity generation, and the continued safe operation of U.S. nuclear power plants.

- There has not been a rush to judgment on the part of U.S. policymakers during the first few days of this situation. We believe that is due in part to the recognition on their part that nuclear energy must continue to play a key role in a diversified energy portfolio that strengthens U.S. energy security and fuels economic growth.

* The genesis of this document is the NEI "Talking Points - Implications to U.S. nuclear energy program of the Japanese earthquake" dated March 13, 2011

On Tue, Mar 15, 2011 at 9:58 AM, ANS DCSection <ans.dcsection@gmail.com> wrote:

FYI. The below email is from National ANS.

-----Original Message-----

From: Joe Colvin [mailto:president@ans.org]

Sent: Monday, March 14, 2011 2:46 AM

To: Witt, Kevin

Subject: Talking Points on Implications of Fukushima Accident to U.S. Nuclear Plants

Dear ANS Members:

Over the last two days, the ANS Crisis Communications team has been very proactive and has handled a multitude of media and press calls. ANS spokespersons have participated in national television, radio and press interviews providing the views of the nuclear science and technology experts within the Society. We are particularly grateful to Dr. Dale Klein who has given tremendous support to the Society and the public in response to the events at Fukushima.

We have begun fielding media inquiries about the implications of the problems at Fukushima on the US program. We have prepared the attached talking points to assist responders to this line of questions. The talking points are consistent with the talking points prepared by the Nuclear Energy Institute (NEI) on the same subject.

Thank you all for your strong support!

Joe

From: [NEI SmartBrief](#)
To: [Virgilio, Martin](#)
Subject: March 15, 2011 - Third blast rocks Japanese nuclear facility
Date: Tuesday, March 15, 2011 10:15:45 AM

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MARCH 15, 2011

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News about the nuclear technologies industry



Crisis in Japan



■ Third blast rocks Japanese nuclear facility

Japanese officials reported a third blast today at the Fukushima Daiichi nuclear power facility and potential damage to a key reactor container. Engineers at the site continue to pump seawater into the units. Tokyo Electric Power officials said a fire that began this morning at a fourth reactor may have been in the fuel-storage area. That fourth reactor was not online at the time of the earthquake, and the fire was extinguished later in the day. [The Wall Street Journal](#) (3/15), [The Washington Post](#) (3/15), [The New York Times \(free registration\)](#) (3/15), [CNN](#) (3/15)

■ Stay up to date on the facts about the situation in Japan:

- Read [NEI's regular updates](#).
- Follow [@N_E_I](#) on Twitter.

■ Jaczko allays U.S. radiation concerns from damaged Japanese reactors

Hazardous radiation levels from the damaged reactors in Japan are "unlikely" to reach the U.S., said Gregory Jaczko, chairman of the Nuclear Regulatory Commission. "You just aren't going to have any radiological material that, by the time it traveled those large distances, could present any risk to the American public," Jaczko said. The Obama administration believes that American reactors are running safely, Jaczko added. [The Wall Street Journal](#) (3/14), [The Politico \(Washington, D.C.\)](#) (3/14)

■ NRC: U.S. reactors are capable of withstanding disasters

U.S. reactors are designed to endure catastrophes including earthquakes and tsunamis, according to the Nuclear Regulatory Commission. Some lawmakers have raised concerns about the safety of such structures following the crisis in Japan. "In addition to those plants in recognized earthquake zones, the NRC has been working with several agencies to assess recent seismic research for the central and eastern part of the country," said Eliot Brenner, a spokesman for the NRC. [The Hill/E2 Wire blog](#) (3/14)

■ Japan's nuclear crisis offers lessons, former EPA chief says

The U.S. nuclear industry could benefit from the Japanese reactor crisis in the long run, said Christine Todd Whitman, a former administrator of the Environmental Protection Agency who is a co-leader of the Clean and Safe Energy Coalition. "It's going to be a very good lesson in how these things work," Whitman said in an interview. She also touted the industry's safety record, saying, "It's safer than working in a grocery store." [The State \(Columbia, S.C.\)](#) (3/12)

■ Bernhard: Shaw's nuclear projects will proceed despite Japan crisis

The reactor crisis in Japan is not expected to affect The Shaw Group's nuclear ventures in the U.S. and China, said Jim Bernhard, chairman, president and CEO of Shaw. "Our customers have indicated they intend to move forward and we believe the construction timelines will continue as planned," Bernhard said. Shaw has deals for eight reactors in the U.S. and six in

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China, said Gentry Brann, a spokeswoman for the company. [Houston Chronicle/The Associated Press](#) (3/14)

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News Roundup

■ **Luminant changes projected startup date for Texas reactors**

Luminant's expected startup for two proposed reactors at the Comanche Peak nuclear plant in Texas has changed. Instead of 2018 to 2020, the units will come online during 2021 and 2022, Luminant said. The new schedule is the result of a delay in the Nuclear Regulatory Commission's safety review and "has absolutely nothing to do with the Japan issue," said Allan Koenig, a Luminant spokesman. [Fort Worth Star-Telegram \(Texas\)](#) (3/14)

■ **Southern Co. says its Ga. nuclear project will push through**

Japan's nuclear crisis is not expected to delay Southern Co.'s construction of two AP1000 reactors at its Plant Vogtle facility in Georgia, spokesman Todd Terrell said. The AP1000 design is safer because it includes a cooling system that can function for three days without power, Terrell added. [Las Vegas Sun/The Associated Press](#) (3/14)

Policy Watch

■ **Sen. Alexander: U.S. must continue using nuclear energy**

The U.S. shouldn't give up on nuclear energy because of the Japanese reactor crisis, said Sen. Lamar Alexander, R-Tenn. "The lesson that America can take away is this: learn all we can from this Japanese experience to make the operation of American reactors as safe as possible," he said. Alexander, who has advocated 100 new nuclear facilities in the next two decades, cited the nuclear industry's positive track record on safety. [The Hill/Floor Action blog](#) (3/14)

■ **House Democrats seek hearings on safety of U.S. reactors**

The House of Representatives should hold hearings on the safety of U.S. nuclear facilities in the aftermath of the reactor crisis in Japan, said a group of Democratic lawmakers, including Rep. Henry Waxman, D-Calif. [The Politico \(Washington, D.C.\)](#) (3/14)

Management & Leadership

■ **Great bosses don't have to be geeks, Google says**

Google recently applied its data-mining expertise to its own performance reviews and management-feedback surveys in a bid to establish the defining features of a good leader. To the company's surprise, technical expertise ranked dead last among the most-desirable traits, behind strategic communication and an ability to deliver results. "We'd always believed that to be a manager ... you need to be as deep or deeper a technical expert than the people who work for you. It turns out that that's absolutely the least important thing," says Laszlo Bock, vice president for "people operations." [The New York Times \(free registration\)](#) (3/12)

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Editor's Note



▪ **How are you helping relief efforts in Japan?**

If you or your company, organization or group want to help the Japanese people recover from last week's earthquake and tsunami but aren't sure how to do so, InterAction provides options. An alliance of U.S.-based international nongovernmental aid organizations, InterAction has compiled [a list of groups](#) that are accepting private, corporate and group donations, along with some guidelines for the most appropriate ways to help. --**Rick Stamberger, CEO of SmartBrief**

What is your organization doing to help? [Share your story with us.](#)

SmartQuote



The reason for so much bad science is not that talent is rare, not at all; what is rare is character."

--**Sigmund Freud,**
Austrian founder of psychoanalysis



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Washington, DC 20005

From: [EDO Update](#)
To: [Taylor, Renee](#)
Subject: EDO Update
Date: Tuesday, March 15, 2011 10:16:04 AM

EDO Banner

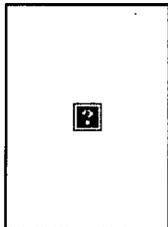


EDO Update

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Tuesday, March 15, 2011



We are all saddened about the tragic events in Japan. Our thoughts and prayers go out to all of those affected by the earthquake and tsunami. The serious nuclear power plant issues have obviously been a special focus of the NRC. Rest assured, we are closely monitoring the situation and providing requested assistance. Senior managers and staff have been manning the Operations Center in rotations 24 hours a day since the earthquake. Over the weekend, we sent two staff members to Japan who are boiling-water reactor experts (the technology used at the Fukushima site). At the Japanese government's request, we have also sent nine additional NRC staff to help the American embassy in Tokyo and to support the Japanese regulators. Not surprisingly, the Congressional hearing scheduled for this Wednesday, which was originally to focus on our Fiscal Year 2012 budget, will now be primarily focused on the events in Japan.

It is not for the NRC to speak for the Japanese or United States governments, so I won't comment on the situation in any greater detail. Additional information can be obtained from the International Atomic Energy Agency and the U.S. Agency for International Development, a part of the State Department that is coordinating the U.S. response and assistance efforts.

It is possible that some of you will be requested by colleagues in another country to provide technical advice and assistance during this emergency. It is essential that all such communications be handled through the NRC Operations Center. If you receive such a request, contact the NRC Operations Officer (301-816-5100 or via the NRC Operator) immediately. All media calls should be forwarded to the Office of Public Affairs (301-415-8200). If you receive information regarding this or any emergency (foreign or domestic) and you are not certain that the NRC's Incident Response Operations Officer is already aware of that information, you should contact the NRC Operations Officer (301-816-5100 or via the NRC Operator) and provide that information.

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Notwithstanding the significance of what is occurring in Japan, we still have our domestic mission to carry out, and with the exception of the small number of people who have been directly called upon to respond to this situation we should all proceed with previously planned activities. We will continue to process licensing actions, conduct inspections, and fulfill our regulatory responsibilities.

In accordance with NRC regulations, every American nuclear power plant is designed with multiple, redundant safety systems to be robust enough to withstand the seismic and natural event risks associated with its specific location. In other words, the NRC analyzes every reactor site for own specific features and potential hazards, and requires the plant to be designed and operated accordingly. But in calculating risks, a certain level of uncertainty is always present. To compensate for these uncertainties, the NRC utilizes the concept of "defense in depth"—an approach to safety where multiple, diverse, and redundant layers of protection are used to prevent accidents and mitigate consequences. While it is inappropriate to speculate on what would happen to an American nuclear power plant under similar circumstances to the Japan event, we do know that U.S. nuclear facilities are among the most robust and well-protected civilian structures in the country.

Let me express my thanks to the NRC staff that have served in or supported the Operations Center since the earthquake hit. I'd also like to thank those who have had to compensate for their colleagues who have been called away from their regular duties.

I will keep you informed of ongoing developments.



Bill Borchardt, EDO

From: E&E Publishing, LLC
To: Virgilio, Martin
Subject: March 15 -- Greenwire is ready
Date: Tuesday, March 15, 2011 1:31:06 PM

Greenwire



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GREENWIRE -- TUE., MARCH 15, 2011 -- [Read the full edition](#)

1. **CLIMATE:** Dems offer pro-EPA amendments to anti-EPA bill; McConnell pushes Senate amendment

With House Energy and Commerce Committee passage of a bill to repeal U.S. EPA's greenhouse gas program a foregone conclusion, committee Democrats today launched a last-ditch effort to reinstate the agency's position that man-made emissions are the main cause of global warming. Meanwhile, a debate erupted in the Senate this morning over climate and EPA regulations as the upper chamber was considering a small-business bill. Senate Minority Leader Mitch McConnell (R-Ky.) introduced an amendment to the bill that is identical to the bill Energy and Commerce is considering - as well as the equivalent of a stand-alone bill introduced by Sen. James Inhofe (R-Okla.).

TOP STORIES

2. **NUCLEAR CRISIS:** Failures in storage pools, battery backups point to problems in U.S. fleet
3. **NUCLEAR CRISIS:** Could Calif. reactors be next?
4. **NUCLEAR CRISIS:** Radiation fears spur U.S. sales of potassium iodide pills

JAPAN EARTHQUAKE

5. **NUCLEAR CRISIS:** Weighing fears of radiation doses in Japan
6. **JAPAN:** Death toll rises, stocks plunge, foreigners flee as nuclear crisis escalates
7. **GERMANY:** Seven pre-1980s nuclear plants will be shuttered
8. **ELECTRICITY:** Japan crisis unlikely to derail developing nations' nuclear plans
9. **NUCLEAR:** GE defends design of Japanese reactors
10. **HEALTH:** Emergency workers in Japan face radiation exposure

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11. **STATES:** Texas nuclear expansion halted while Ga. moves ahead
12. **CALIFORNIA:** Crescent City draws tsunamis like a magnet

CONGRESS

13. **APPROPRIATIONS:** Japanese nuclear crisis dominates DOE budget hearing
14. **POLITICS:** Christian Coalition visits Hill for energy discussion
15. **CLEAN TECH:** New Senate bill would reinstate manufacturing credit

POLITICS

16. **WHITE HOUSE:** CEQ counsel defends climate report against GOP attacks
17. **CAMPAIGN 2012:** Haley Barbour scorches Obama's economic and energy policies

ENERGY

18. **OIL AND GAS:** Petroleum trade group stresses its safety role
19. **NUCLEAR WASTE:** DOE lacks strategy for modeling cleanups -- GAO
20. **NATURAL GAS:** Ark. quakes quiet following injection well shutdowns
21. **COAL:** Ill. governor blocks gasification plant
22. **NATURAL GAS:** Marcellus Shale 'is a huge gift,' N.Y. geologist says

LAW AND LOBBYING

23. **REGULATIONS:** U.S. rail agency has NEPA authority, court rules

AIR AND WATER

24. **WATER POLLUTION:** EPA, S.F. Bay cities agree on stemming sewage discharges

TRANSPORTATION

25. **TRANSIT:** Strapped systems gird for crowds as gasoline prices surge

E&ETV'S ONPOINT

26. **OIL AND GAS:** CAP's Weiss discusses politics of rising prices
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From: [Rihm, Roger](#)
To: [Borchardt, Bill](#); [Virgilio, Martin](#); [Weber, Michael](#); [Ash, Darren](#)
Cc: [Landau, Mindy](#); [Muessle, Mary](#); [Andersen, James](#)
Subject: FW: Incoming Congressional Correspondence
Date: Tuesday, March 15, 2011 2:27:48 PM
Attachments: [Markey- Capps NRC letter 03 15 11.pdf](#)

FYI, another Markey letter that should be in the e-reader tomorrow.

From: Jaegers, Cathy
Sent: Tuesday, March 15, 2011 2:22 PM
To: Rihm, Roger
Subject: FW: Incoming Congressional Correspondence

From: Champ, Billie
Sent: Tuesday, March 15, 2011 1:12 PM
To: Jaegers, Cathy; Clayton, Kathleen
Subject: FW: Incoming Congressional Correspondence

From: Champ, Billie
Sent: Tuesday, March 15, 2011 1:08 PM
To: Batkin, Joshua; Monninger, John; Sharkey, Jeffrey; Sosa, Belkys; Bubar, Patrice; Nieh, Ho; Burns, Stephen
Cc: Vietti-Cook, Annette
Subject: Incoming Congressional Correspondence

I have attached for your information a letter from Reps. Markey and Capps dated March 15, 2011, requests additional information related to the seismic safety features in nuclear reactors in operation in the U.S.

Billie A. C-Lopes
March 15, 2011

44/112

Congress of the United States
Washington, DC 20515

March 15, 2011

The Honorable Greg Jaczko
Chairman
Nuclear Regulatory Commission
11555 Rockville Pike
Rockville, MD 20852

Dear Chairman Jaczko:

We write to request additional information related to the seismic safety features that are included in nuclear reactors currently in operation in this country. We are concerned that these reactors may not have the features necessary to withstand the sort of catastrophic earthquake and tsunami that has crippled several reactors in Japan, and caused a meltdown and the release of the highly radioactive materials contained within them.

The 9.0 magnitude earthquake caused a number of Japan's nuclear reactors to shut down automatically. However, a combination of tsunami-related damage and the long duration of the external power outages have subsequently led some of these reactors' emergency diesel generators, and thus cooling systems, to fail. To reduce rising pressure inside the Fukushima reactors, radioactive vapor is being vented, but three explosions have occurred as these pressures grew too high.¹ It appears as though meltdowns are proceeding at these reactors. Now life-threatening levels of radiation are being emitted, a 19-mile evacuation and no-fly zone has been established, a fire at a spent fuel pool at one of the units occurred, and 1,350 of the plant's 1,450 workers have been evacuated. Radioactive materials such as cesium and iodine have been detected as much as 100 miles away from these reactors.²

According to analysis prepared by Rep. Markey (see Appendix A, the map appended to this letter), there are eight nuclear reactors located on the seismically active West Coast of the United States, and twenty-seven nuclear reactors located near the New Madrid fault line in the Midwest.³ There are additionally thirty-one nuclear reactors in

¹ http://www.washingtonpost.com/business/economy/nuclear-crisis-deepens-as-third-reactor-loses-cooling-capacity/2011/03/14/ABk6rQV_story.html

² http://www.msnbc.msn.com/id/42066534/ns/world_news-asia-pacific/

³ See <http://pubs.usgs.gov/fs/2009/3071/pdf/FS09-3071.pdf> In 1811–1812, three major earthquakes (magnitude 7 to 7.7 on the commonly used Richter Scale) occurred near the town of New Madrid, MO. In 1886, a large earthquake (Richter Scale magnitude of about 7) occurred near Charleston, S.C. The United States Geological Survey has estimated that the chance of having an earthquake similar to one of the 1811–12 sequence in the next 50 years is about 7 to 10 percent, and the chance of having a magnitude 6 or larger earthquake in 50 years is 25 to 40 percent.

the United States that are of the same Mark 1 or Mark 2 design as those currently imperiled in Japan, and twelve of these are located in seismically active zones.

The Nuclear Regulatory Commission (NRC)⁴ indicates that safety-significant structures, systems, and components of nuclear reactors must be designed to take into account:

- “the most severe natural phenomena historically reported for the site and surrounding area. The NRC then adds a margin for error to account for the historical data’s limited accuracy;
- appropriate combinations of the effects of normal and accident conditions with the effects of the natural phenomena; and
- the importance of the safety functions to be performed.”

According to its website⁵, the San Onofre nuclear power plant, which is located 45 miles from Long Beach, California, is designed to withstand a 7.0 magnitude earthquake. An NRC staff memo⁶ indicates that the Diablo Canyon nuclear power plant, which is located 12 miles from San Luis Obispo, California, is designed to withstand a 7.5 magnitude earthquake. But according to the Southern California Earthquake Center,⁷ there is an 82 percent probability of an earthquake of 7.0 magnitude occurring in the next 30 years, and a 37 percent probability that an earthquake of 7.5 magnitude will occur.

It is not just resilience to the direct effects of an earthquake that raises concerns. While all nuclear power plants are equipped with emergency diesel generators, it is clear from the Japanese catastrophe that these are not themselves infallible, since they all appear to have failed at the Fukushima reactors. These can also fail for other reasons. For example, in 1990,⁸ the Vogtle plant in Georgia experienced a station blackout when a truck knocked over a transmission pole in the switchyard causing a loss of offsite power. The emergency diesel generator started but failed to load. The power plant suffered a complete station blackout, but fortunately power was restored in just over half an hour. NRC regulations only require nuclear power plants to be able to sustain cooling function in a station blackout for 4-8 hours⁹ using back-up battery powered generation capacity.

The vulnerability to the effects of a total station blackout was also noted by the NRC in its 2003 report entitled “Regulatory Effectiveness of the Station Blackout

⁴ <http://www.nrc.gov/reading-rm/doc-collections/fact-sheets/fs-seismic-issues.html>

⁵ <http://www.sce.com/PowerandEnvironment/PowerGeneration/SanOnofreNuclearGeneratingStation/publicsafety.htm>

⁶ Research Information Letter 09-001: Preliminary Deterministic Analysis of Seismic Hazard at Diablo Canyon Nuclear Power Plant from Newly Identified “Shoreline Fault”

⁷ <http://www.scec.org/core/public/scecontext.php/3935/13662>

⁸ <http://query.nytimes.com/gst/fullpage.html?res=9C0CEEDF123AF932A35757C0A966958260>

⁹

http://adamswebsearch2.nrc.gov/idmws/DocContent.dll?library=PU_ADAMS^pbntad01&LogonID=ba229e2ba98c61e668d07a5da3c0e726&id=032520158

Rule.”¹⁰ Appendix B of this report (attached to this letter) provides reactor-specific information related to outages experienced, demonstrating that many nuclear reactors in this country have already experienced lengthy power outages. The second column in this table reports the overall risk of core damage frequency as calculated by the plant owners. The third column reports the risk of core damage due to complete station blackout as calculated by the plant owners, which is also expressed as a percentage in column 4. If emergency diesel generators were truly fully reliable, there would be no risk associated with a complete station blackout. Instead, many nuclear reactors are estimated to have a real risk of core damage due to a complete station blackout. The fifth column in this table shows four parameters. The first parameter is the battery coping duration in hours, which can easily be seen to be four hours for most reactors, so some reactors can operate on batteries for eight hours.

Clearly, the risks of core damage to reactors due to a complete power outage are non-trivial and have already been contemplated by the NRC. The 4-8 hour battery generation capacity currently in place at U.S. reactor sites would not have helped mitigate the effects of the Japanese earthquake and subsequent tsunami.

Finally, the spent fuel pools at these nuclear reactors can also fail. If the water that cools these fuel rods drains, the zirconium cladding them can catch fire and lead to another source of melting fuel that can spew high level radioactive materials into the environment. This appears to have already occurred in Japan.

We are concerned that San Onofre, Diablo Canyon, and possibly other nuclear reactors located in seismically active areas are not designed with sufficient levels of resiliency against the sort of earthquakes scientists predict they could experience. We are also interested in more detailed information about just what it means to take the “most severe natural phenomena historically reported for the site and surrounding area” into account when designing the safety related features of nuclear reactors. Consequently, we ask for your prompt response to the following questions and requests for information.

- 1) Please provide the Richter or moment magnitude scale rating for each operating nuclear reactor in the United States. If no such rating information exists, then on what basis can such an assertion be made regarding the design of any single nuclear power plant?
- 2) The San Onofre reactor is reportedly designed to withstand a 7.0 earthquake, and the Diablo Canyon reactor is designed to withstand a 7.5 earthquake. According to the Southern California Earthquake Center,¹¹ there is an 82 percent probability of an earthquake of 7.0 magnitude in the next 30 years, and a 37 percent probability that an earthquake of 7.5 magnitude will occur. Shouldn't these reactors be retrofitted to ensure that they can withstand a stronger earthquake than a 7.5? If not, why not?
- 3) Please provide specific information regarding the differences in safety-significant structures between a nuclear power plant that is located in a seismically active area and one that is not. Please provide, for each operating nuclear reactor in a seismically

¹⁰ See <http://www.nrc.gov/reading-rm/doc-collections/nuregs/staff/sr1776/sr1776.pdf>

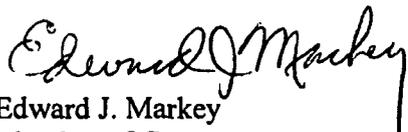
¹¹ <http://www.scec.org/core/public/scecontext.php/3935/13662>

active area, a full list and description of the safety-significant design features that are included that are not included in similar models that are not located in seismically active areas.

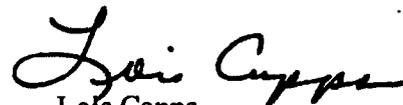
- 4) Please fully describe the emergency back-up power requirements that operating nuclear power plants must possess. How long are emergency diesel generators and back-up battery-powered generators required to be able to operate? If different requirements exist for different locations in the United States or for different types of reactors, please also include this information in your response.
- 5) For each operating nuclear power plant, please indicate a) whether the spent fuel pools are located inside or out of the containment structure, b) whether the emergency diesel generators are connected to the cooling and other equipment associated with the spent fuel pools, c) whether the battery-powered generators are connected to the cooling and other equipment associated with the spent fuel pools.
- 6) Please provide a list of all incidents at operating nuclear reactors since 1990 that have involved a) the loss of off-site power, b) a station blackout, or c) a failure of the battery-powered generators at the reactor. For each such incident, please fully describe the circumstances and duration, and impacts or damages, if any.
- 7) In your opinion, can any of the operating nuclear reactors in the United States withstand an earthquake of the magnitude experienced in Japan?

Please provide your response no later than close of business on Friday April 8, 2011. If you have any questions or concerns, please have your staff contact Dr. Michal Freedhoff of the Natural Resources Committee staff or Dr. Ilya Fischhoff of Rep. Markey's staff at 202-225-2836 or Jonathan Levenshus of Rep. Capps' staff at 202-225-3601.

Sincerely,

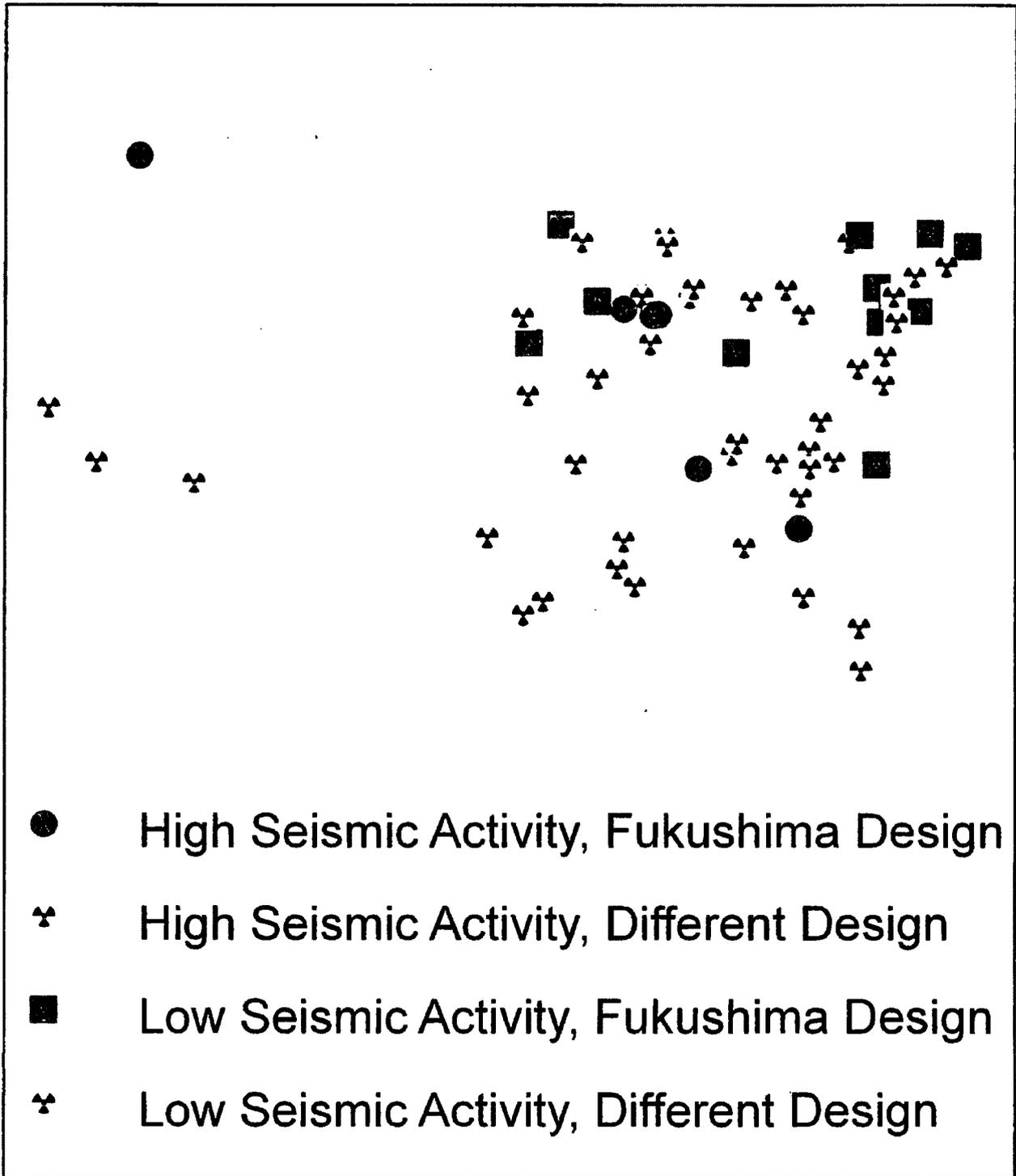


Edward J. Markey
Member of Congress



Lois Capps
Member of Congress

APPENDIX A



APPENDIX B

Plant-Specific Station Blackout Information by Reactor Type and Operating Status

Table B-1 Operating pressurized-water reactors

| Plant | Plant CDF | SBO CDF | Percent SBO CDF of Plant CDF | Coping time in hours/EDG reliability/Aac access time in minutes/ extremely severe weather | Modification summary (including dc load shed procedural modifications) | SBO factors | | | | | |
|-----------------------------|-----------|----------|------------------------------|---|--|-------------------------------------|---|---------|------|---|----------|
| | | | | | | PRA LOOP initiating event frequency | Number of LOOP events at power since commercial operation | | | LOOP event recovery times > 240 minutes | |
| | | | | | | | Plant | Weather | Grid | Power | Shutdown |
| Arkansas Nuclear One Unit 1 | 4.67E-05 | 1.58E-05 | 33.8 | 4/95/10/1 | Added 1 DG and crosstie | 3.58E-02 | 2 | 1 | | | |
| Arkansas Nuclear One Unit 2 | 3.40E-05 | 1.23E-06 | 3.6 | 4/95/10/1 | Added crosstie | 5.84E-02 | 1 | 1 | | | |
| Beaver Valley Unit 1 | 2.14E-04 | 6.51E-05 | 30.4 | 4/975/60/1 | Added crosstie | 6.64E-02 | 2 | | | | |
| Beaver Valley Unit 2 | 1.92E-04 | 4.86E-05 | 25.3 | 4/975/60/1 | Added crosstie | 7.44E-02 | 1 | | | | |
| Braidwood Units 1&2 | 2.74E-05 | 6.20E-06 | 22.6 | 4/95/10/1 | | 4.53E-02 | 2 | | | | |
| Bryon Units 1&2 | 3.09E-05 | 4.30E-06 | 13.9 | 4/95/10/1 | | 4.43E-02 | | | | | |
| Callaway | 5.85E-05 | 1.80E-05 | 30.8 | 4/975/-/1 | | 4.60E-02 | | | | | |
| Calvert Cliffs Units 1&2 | 2.40E-04 | 8.32E-06 | 3.4 | 4/975/60/4 | Added 1 EDG and one 1 DG | 1.36E-01 | 3 | | | | |
| Catawba Units 1&2 | 5.80E-05 | 6.0E-07 | 10.3 | 4/95/10/1 | | 2.0E-03 | 1 | | | 330 | |
| Comanche Peak Units 1&2 | 5.72E-05 | 1.5E-05 | 26.2 | 4/95/-/1 | | | | | | | |

Plant-Specific Station Blackout Information by Reactor Type and Operating Status

Table B-1 Operating pressurized-water reactors (Cont.)

| Plant | Plant CDF | SBO CDF | Percent SBO CDF of Plant CDF | Coping time in hours/EDG reliability/Aac access time in minutes/ extremely severe weather | Modification summary including dc load shed procedural modifications | SBO factors | | | | | |
|-------------------------|-----------|----------|------------------------------|---|--|-------------------------------------|---|---------|------|--|------------|
| | | | | | | PRA LOOP initiating event frequency | Number of LOOP events at power since commercial operation | | | LOOP event recovery times \geq 240 minutes | |
| | | | | | | | Plant | Weather | Grid | Power | Shutdown |
| Crystal River Unit 3 | 1.53E-05 | 3.28E-06 | 21.5 | 4/975/-/4 | dc load shed. Added nonclass 1E battery | 4.35E-01 | 3 | | | | |
| Davis-Besse | 6.6E-05 | 3.50E-05 | 53 | 4/95/10/2 | Added 1 DG | 3.50E-02 | 2 | 1 | | 1680 | |
| DC Cook Units 1&2 | 6.2E-05 | 1.13E-05 | 18.1 | 4/975/-/2 | dc load shed | 4.0E-02 | 1 | | | | |
| Diablo Canyon Units 1&2 | 8.8E-05 | 5.0E-06 | 5.68 | 4/95/-/1 | Added 1 DG | 9.1E-02 | 1 | | | | 261 917 |
| Farley Units 1&2 | 1.3E-04 | 1.22E-05 | 9.4 | 4/95/10/3 | Service water to Aac, auto load shedding | 4.70E-02 | 2 | | | | |
| Fort Calhoun | 1.36E-05 | NA | - | 4/95/-/2 | DC load shed | 2.17E-01 | 2 | | | | |
| GINNA | 8.74E-05 | 1.0E-06 | 1.14 | 4/975/-/1 | | 3.50E-03 | 4 | | | | |
| Harris | 7.0E-05 | 1.71E-05 | 24.4 | 4/95/-/3 | Lighting in several areas, ladder to isolation valve | | | | | | |
| Indian Point Unit 2 | 3.13E-05 | 4.47E-06 | 14.3 | 8/95/60/2 | Added a DG for gas turbine auxiliaries | 6.91E-02 | 2 | | 3 | 390 | |

Plant-Specific Station Blackout Information by Reactor Type and Operating Status

Table B-1 Operating pressurized-water reactors (Cont.)

| Plant | Plant CDF | SBO CDF | Percent SBO CDF of Plant CDF | Coping time in hours/EDG reliability/Aac access time in minutes/ extremely severe weather | Modification summary including dc load shed procedural modifications | SBO factors | | | | | |
|-------------------------|-----------|----------|------------------------------|---|--|-------------------------------------|---|---------|------|--|----------|
| | | | | | | PRA LOOP initiating event frequency | Number of LOOP events at power since commercial operation | | | LOOP event recovery times \geq 240 minutes | |
| | | | | | | | Plant | Weather | Grid | Power | Shutdown |
| Indian Point Unit 3 | 4.40E-05 | 4.80E-06 | 10.9 | 8/95/60/2 | | 6.80E-02 | 1 | | | | |
| Kewaunee | 6.6E-05 | 2.64E-05 | 40 | 4/95/60/2 | Cross-tie to nonsafety power source | 4.4E-02 | | | | | |
| McGuire Units 1&2 | 4.0E-05 | 9.26E-06 | 23.3 | 4/95/10/1 | | 7.0E-02 | 3 | | | | |
| Millstone Unit 2 | 3.42E-05 | 1.0E-10 | NMN | 8/975/60/5 | Upgraded unit 1-2 crosstie | 9.10E-02 | 1 | 1 | | 330 | |
| Millstone Unit 3 | 5.61E-05 | 5.10E-06 | 6 | 8/975/60/5 | Added DG | 1.12E-01 | | | | | |
| North Anna Units 1&2 | 7.16E-05 | 8.0E-06 | 11.2 | 4/95/60/4 | Added DG, switchgear, crosstie | 1.14E-02 | | | | | |
| Oconee Units 1, 2&3 | 2.3E-05 | 2.57E-06 | 11.2 | 4/975/10/1 | | 9.0E-02 | 2 | | | | |
| Palisades | 5.07E-05 | 9.10E-06 | 17.9 | 4/95/-/1 | DC load shed, compressed air for ADVs | 3.0E-02 | 3 | | | 388 | |
| Palo Verde Units 1, 2&3 | 9.0E-05 | 1.91E-05 | 21.2 | 4/95/10/2 | Added 2 gas turbines | 7.83E-02 | 3 | | | 1138 | |
| Point Beach Units 1&2 | 1.15E-04 | 1.51E-05 | 13.1 | 4/975/60/2 | Gas turbine modifications | 6.10E-02 | 4 | | | | |

Plant-Specific Station Blackout Information by Reactor Type and Operating Status

Table B-1 Operating pressurized-water reactors (Cont.)

| Plant | Plant CDF | SBO CDF | Percent SBO CDF of Plant CDF | Coping time in hours/EDG reliability/Aac access time in minutes/ extremely severe weather | Modification summary including dc load shed procedural modifications | SBO factors | | | | | |
|--------------------------|-----------|----------|------------------------------|---|--|-------------------------------------|---|---------|------|--|----------|
| | | | | | | PRA LOOP initiating event frequency | Number of LOOP events at power since commercial operation | | | LOOP event recovery times \geq 240 minutes | |
| | | | | | | | Plant | Weather | Grid | Power | Shutdown |
| Prairie Island Units 1&2 | 5.05E-05 | 3.1E-06 | 6.14 | 4/975/10/3 | Added 2 EDGs | - | 1 | 2 | | 296 296 | |
| Robinson Unit 2 | 3.20E-04 | 2.6E-05 | 8.13 | 8/95/60/4 | Modified conduit supports in switchgear room | 6.1E-02 | 2 | | | 454 | |
| Salem Unit 1 | 5.20E-05 | 2.10E-05 | 40.4 | 4/975/-/2 | EDG compressed air mod | 6.0E-02 | 1 | | | | |
| Salem Unit 2 | 5.5E-05 | 1.70E-05 | 30.9 | 4/975/-/2 | EDG compressed air mod | 6.0E-02 | 2 | | | 655 | 1675 |
| San Onofre Units 2&3 | 3.0E-05 | 2.0E-06 | 6.67 | 4/95/-/1 | DC load shed and crosstie | 1.1E-01 | | | 2 | | |
| St. Lucie Unit 1 | 2.30E-05 | 2.65E-06 | 11.5 | 4/975/10/5 | Added crosstie | 1.5E-01 | 1 | | 3 | | |
| St. Lucie Unit 2 | 2.62E-05 | 2.64E-06 | 10.1 | 4/975/10/5 | Added crosstie | 1.5E-01 | | | | | |
| Seabrook | 6.86E-05 | 1.53E-05 | 22.3 | 4/975/-/3 | DC load shed | 4.93E-02 | | | | | |
| Sequoyah Units 1&2 | 1.70E-04 | 5.32E-06 | 3.2 | 4/975/-/2 | DC load shed, added air supply | 5.16E-03 | 2 | | | | |

Plant-Specific Station Blackout Information by Reactor Type and Operating Status

Table B-1 Operating pressurized-water reactors (Cont.)

| Plant | Plant CDF | SBO CDF | Percent SBO CDF of Plant CDF | Coping time in hours/EDG reliability/Aac access time in minutes/ extremely severe weather | Modification summary including dc load shed procedural modifications | SBO factors | | | | | |
|--------------------------|-----------|----------|------------------------------|---|--|-------------------------------------|---|---------|------|---|----------|
| | | | | | | PRA LOOP initiating event frequency | Number of LOOP events at power since commercial operation | | | LOOP event recovery times ≥ 240 minutes | |
| | | | | | | | Plant | Weather | Grid | Power | Shutdown |
| Summer | 2.0E-04 | 4.9E-05 | 24.5 | 4/95/-13 | DC load shed, battery mod | 7.3E-02 | | | 1 | | |
| South Texas Units 1&2 | 4.3E-05 | 1.46E-05 | 34.9 | 4/975/10/5 | Procedural cross-tie | | | | | | |
| Surry Units 1&2 | 1.25E-04 | 8.09E-06 | 6.47 | 4/975/10/4 | Added DG | 7.69E-02 | | | | | |
| Three Mile Island Unit 1 | 4.49E-04 | 1.57E-05 | 3.5 | 4/975/10/3 | Modifications to existing DGs | 5.68E-02 | | | | | |
| Turkey Point Units 3&4 | 3.73E-04 | 4.70E-06 | 1.2 | 8/95/10/5 | Added 2 EDGs and cross-tie | 1.7E-01 | 4 | 2 | 7 | 7950 7908 | 335 |
| Vogtle Units 1&2 | 4.9E-05 | 4.4E-07 | 11 | 4/95/-12 | Added 5 circuit breakers and lighting | 6.6E-04 | | | | | |
| Waterford Unit 3 | 1.80E-05 | 6.24E-06 | 34.7 | 4/975/-14 | DC load shed. Added portable air compressors for EDGs | 3.6E-02 | | | | | |
| Watts Bar Unit 1 | 8.0E-05 | 1.73E-05 | 21.6 | 4/975/-7/1 | | 3.64E-02 | | | | | |
| Wolf Creek | 4.2E-05 | 1.88E-05 | 44.8 | 4/95/-1 | | 5.12E-02 | | | | | |

Plant-Specific Station Blackout Information by Reactor Type and Operating Status

Table B-2 Operating boiling-water reactors

| Plant | Plant CDF | SBO CDF | Percent SBO CDF of Plant CDF | Coping time in hours/EDG reliability/Aac access time in minutes/ extremely severe weather | Modification summary including dc load shed procedural modifications | SBO factors | | | | | |
|------------------------|-----------|----------|------------------------------|---|--|-------------------------------------|---|---------|------|--|-------------|
| | | | | | | PRA LOOP initiating event frequency | Number of LOOP events at power since commercial operation | | | LOOP event recovery times \geq 240 minutes | |
| | | | | | | | Plant | Weather | Grid | Power | Shutdown |
| Browns Ferry Units 2&3 | 4.80E-05 | 1.30E-05 | 27 | 4/95/-/1 | dc load shed | 1.12E-01 | | | | | |
| Brunswick Units 1&2 | 2.70E-05 | 1.80E-05 | 66.7 | 4/975/60/5 | Modified controls for existing cross tie | 7.40E-02 | 3 | | | | 1508 814 |
| Clinton | 2.66E-05 | 9.8E-06 | 36.8 | 4/95/10/1 | Added gas fans for selected room cooling | 8.40E-02 | | | | | |
| Cooper | 7.97E-05 | 2.77E-05 | 34.8 | 4/95/-/2 | | 3.50E-02 | | | | | |
| Dresden Units 2&3 | 1.8E-05 | 9.30E-07 | 5.03 | 4/95/60/2 | Added 2 DGs | 1.12E-01 | 3 | 1 | | 240 | |
| Duane Arnold | 7.84E-06 | 1.90E-06 | 24.2 | 4/975/-/2 | dc load shed, RCIC insulation & main control room lighting | 1.17E-01 | | | 1 | | |
| Fermi | 5.70E-06 | 1.3E-07 | NMN | 4/95/60/1 | | 1.88E-01 | | | | | |
| FitzPatrick | 1.92E-06 | 1.75E-06 | NMN | 4/95/-/1 | dc load shed, instrumentation and power supply mods | 5.70E-02 | | | | | |
| Grand Gulf | 1.77E-05 | 7.46E-06 | 36.8 | 4/95/-/2 | dc load shed | 6.80E-02 | | | | | |

Plant-Specific Station Blackout Information by Reactor Type and Operating Status

Table B-2 Operating boiling-water reactors (Cont.)

| Plant | Plant CDF | SBO CDF | Percent SBO CDF of Plant CDF | Coping time in hours/EDG reliability/Aac access time in minutes/ extremely severe weather | Modification summary including dc load shed procedural modifications | SBO factors | | | | | |
|------------------------|-----------|----------|------------------------------|---|--|-------------------------------------|---|---------|------|---|----------|
| | | | | | | PRA LOOP initiating event frequency | Number of LOOP events at power since commercial operation | | | LOOP event recovery times ≥ 240 minutes | |
| | | | | | | | Plant | Weather | Grid | Power | Shutdown |
| Hatch Unit 1 | 2.23E-05 | 3.30E-06 | 14.8 | 4/95/60/2 | Replaced battery chargers | 2.20E-02 | | | | | |
| Hatch Unit 2 | 2.36E-05 | 3.23E-06 | 13.7 | 4/95/60/2 | Replaced battery chargers | 2.20E-02 | | | | | |
| Hope Creek | 4.63E-05 | 3.38E-05 | 73 | 4/95/-/2 | Valve modifications | 3.4E-02 | | | | | |
| LaSalle Units 1&2 | 4.74E-05 | 3.82E-05 | 80.6 | 4/975/-/1 | dc load shed, New batteries | 9.60E-02 | 1 | | | | |
| Limerick Units 1&2 | 4.30E-06 | 1.0E-07 | NMN | 4/95/60/3 | Upgraded cross-ties | 5.9E-02 | | | | | |
| Monticello | 2.60E-05 | 1.20E-05 | 46.2 | 4/95/-/1 | dc load shed | 7.90E-02 | | | | | |
| Nine Mile Point Unit 1 | 5.50E-06 | 3.50E-06 | NMN | 4/975/-/1 | dc load shed, added two safety related batteries | 5.00E-02 | 4 | | | 595 | |
| Nine Mile Point Unit 2 | 3.10E-05 | 5.50E-06 | 17.7 | 4/975/-/1 | dc load shed | 1.20E-01 | | | | | |

Plant-Specific Station Blackout Information by Reactor Type and Operating Status

Table B-2 Operating boiling-water reactors (Cont.)

| Plant | Plant CDF | SBO CDF | Percent SBO CDF of Plant CDF | Coping time in hours/EDG reliability/Aac access time in minutes/ extremely severe weather | Modification summary including dc load shed procedural modifications | SBO factors | | | | | |
|---------------------------------|-----------|----------|------------------------------|---|--|-------------------------------------|---|---------|------|---|-------------|
| | | | | | | PRA LOOP initiating event frequency | Number of LOOP events at power since commercial operation | | | LOOP event recovery times ≥ 240 minutes | |
| | | | | | | | Plant | Weather | Grid | Power | Shutdown |
| Oyster Creek | 3.90E-06 | 2.30E-06 | NMN | 4/975/60/1 | Added crosstie & reactor pressure indication | 3.26E-02 | 3 | | | | 240 |
| Peach Bottom Units 2 & 3 | 5.53E-06 | 4.81E-07 | 8.7 | 8/975/60/3 | Cross-tie to hydro unit | 5.9E-02 | | | | | |
| Perry | 1.30E-05 | 2.25E-06 | 43.4 | 4/95/10/1 | Replaced selected cables | 6.09E-02 | | | | | |
| Pilgrim | 5.80E-05 | 1.0E-10 | NMN | 8/975/10/4 | Alarms to line-up Aac | 6.17E-01 | 1 | 5 | | | 1263 534 |
| Quad Cities Units 1&2 | 1.2E-06 | 5.72E-07 | NMN | 4/95/60/1 | Added 2 DGs | 4.81E-02 | 2 | | | | |
| River Bend | 1.55E-05 | 1.35E-05 | 87.5 | 4/95/-/2 | Minor structural mod | 3.50E-02 | 1 | | | | |
| Susquehanna Units 1&2 | 1.7E-05 | 4.2E-11 | NMN | 4/975/-/2 | dc load shed | - | 1 | | | | |
| Vermont Yankee | 4.30E-06 | 9.17E-07 | 21.3 | 8/975/10/4 | Modified incoming line and controls | 1.0E-01 | 2 | | | 277 | |
| Washington Nuclear Plant Unit 2 | 1.73E-05 | 1.07E-05 | 61.1 | 4/95/-/1 | dc load shed, replaced inverters | 2.46E-02 | | | | | |

From: OPA Resource
To: Ash, Darren; Barkley, Richard; Batkin, Joshua; Bell, Hubert; Belmore, Nancy; Bergman, Thomas; Bollwerk, Paul; Bonaccorso, Amy; Borchardt, Bill; Bozin, Sunny; Brenner, Eliot; Brock, Terry; Brown, Boris; Bubar, Patrice; Burnell, Scott; Burns, Stephen; Carpenter, Cynthia; Chandraithil, Prema; Clark, Theresa; Collins, Elmo; Couret, Ivonne; Crawford, Carrie; Cutler, Iris; Dacus, Eugene; Dapas, Marc; Davis, Roger; Dean, Bill; Decker, David; Dricks, Victor; Droggitis, Spiros; Flory, Shirley; Franovich, Mike; Gibbs, Catina; Haney, Catherine; Hannah, Roger; Harbuck, Craig; Harrington, Holly; Hasan, Nasreen; Hayden, Elizabeth; Holahan, Gary; Holahan, Patricia; Holian, Brian; Jacobssen, Patricia; Jaczko, Gregory; Jasinski, Robert; Jenkins, Verlyn; Johnson, Michael; Jones, Andrea; Kock, Andrea; Kotzalas, Margie; Ledford, Joey; Lee, Samson; Leeds, Eric; Lepre, Janet; Lew, David; Lewis, Antoinette; Loyd, Susan; Magwood, William; McCrary, Cheryl; McGrady-Finneran, Patricia; McIntyre, David; Mensah, Tanya; Mitlyng, Viktoria; Monninger, John; Montes, David; Nieh, Ho; Ordaz, Vonna; Ostendorff, William; Owen, Lucy; Powell, Amy; Quesenberry, Jeannette; Reddick, Darani; Regan, Christopher; Reyes, Luis; Riddick, Nicole; RidsSecyMailCenter Resource; Riley (OCA), Timothy; Rohrer, Shirley; Samuel, Olive; Satorius, Mark; Schaaf, Robert; Schmidt, Rebecca; Scott, Catherine; Screnci, Diane; Shaffer, Vered; Shane, Raeann; Sharkey, Jeffrey; Sheehan, Neil; Sheron, Brian; Siurano-Perez, Osiris; Steger (Tucci), Christine; Svinicki, Kristine; Tabatabai, Omid; Tannenbaum, Anita; Taylor, Renee; Temp, WDM; Thomas, Ann; Uhle, Jennifer; Uselding, Lara; Vietti-Cook, Annette; Virgilio, Martin; Virgilio, Rosetta; Walker-Smith, Antoinette; Weaver, Doug; Weber, Michael; Weil, Jenny; Werner, Greg; Wiggins, Jim; Williams, Evelyn; Zimmerman, Roy; Zorn, Jason
Subject: *RESEND*Press Release: NRC Analysis Continues to Support Japan's Protective Actions
Date: Tuesday, March 15, 2011 2:46:01 PM
Attachments: 11-049.docx

To be posted on the live web and public release in 10-15 minutes.

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No. 11-049

March 15, 2011

NRC ANALYSIS CONTINUES TO SUPPORT JAPAN'S PROTECTIVE ACTIONS

NRC analysts overnight continued their review of radiation data related to the damaged Japanese nuclear reactors. The analysts continue to conclude the steps recommend by Japanese authorities parallel those the United States would suggest in a similar situation.

The Japanese authorities Monday recommended evacuation to 20 kilometers around the affected reactors and said that persons out to 30 kilometers should shelter in place.

Those recommendations parallel the protective actions the United States would suggest should dose limits reach 1 rem to the entire body and 5 rem for the thyroid, an organ particularly susceptible to radiation uptake.

A rem is a measure of radiation dose. The average American is exposed to approximately 620 millirems, or 0.62 rem, of radiation each year from natural and manmade sources.

###

News releases are available through a free *listserv* subscription at the following Web address: <http://www.nrc.gov/public-involve/listserver.html>. The NRC homepage at www.nrc.gov also offers a SUBSCRIBE link. E-mail notifications are sent to subscribers when news releases are posted to NRC's website.

From: [Weber, Michael](#)
To: [Virgilio, Martin](#)
Subject: Response - Assistant Secretary Level SVTC on Japan Earthquake - March 16, 2011 - 8:00-9:00am
Date: Tuesday, March 15, 2011 9:54:47 PM

Thanks, Marty. I plan to brief from that paper. I should get what I need during turnover and then use this to support the call.

From: Virgilio, Martin
To: Weber, Michael; ET01 Hoc
Cc: LIA05 Hoc; Dorman, Dan; Grobe, Jack
Sent: Tue Mar 15 21:23:03 2011
Subject: Re: FYI - Assistant Secretary Level SVTC on Japan Earthquake - March 16, 2011 - 8:00-9:00am

Mike

How can we help/support you beyond the paper we are already grinding out

Marty

From: Weber, Michael
To: ET01 Hoc
Cc: LIA05 Hoc; Virgilio, Martin; Dorman, Dan
Sent: Tue Mar 15 18:39:53 2011
Subject: FYI - Assistant Secretary Level SVTC on Japan Earthquake - March 16, 2011 - 8:00-9:00am

Here is the agenda for tomorrow morning's call at 0800, which I have been asked to attend.

44/114

From: [Weber, Michael](#)
To: [ET01 Hoc](#)
Cc: [LIA05 Hoc](#); [Virgilio, Martin](#); [Dorman, Dan](#)
Subject: FYI - Assistant Secretary Level SVTC on Japan Earthquake - March 16, 2011 - 8:00-9:00am
Date: Tuesday, March 15, 2011 6:39:55 PM
Attachments: [16 March 0800 Japan IPC SVTC Agenda.pdf](#)

Here is the agenda for tomorrow morning's call at 0800, which I have been asked to attend.

44/115

Japanese Earthquake and Pacific Tsunami Response
IPC-Level SVTC

DATE: March 16, 2011
LOCATION: White House Situation Room
TIME: 8:00 - 9:00 a.m.

AGENDA

- I. Introduction/Update on Due-OutsNSS
- II. Brief Seismic and Weather Update USGS/NOAA
- III. Nuclear Reactor Update NRC/DOE
- IV. Humanitarian Response Update USAID/DOD
- V. Economic ImpactTreasury
- VI. Next Steps/Summary..... NSS

From: Virgilio, Martin
To: Borchardt, Bill; Weber, Michael; Leeds, Eric; Grobe, Jack; Casto, Chuck; Dorman, Dan
Subject: WANO
Date: Tuesday, March 15, 2011 10:21:02 PM

Bill

I spoke with Jim Ellis this evening. I complimented him on the Event Report and the specific actions it requires.

The purpose of the call was to request his support in providing access for our site team members to periodic TEPCO/WANO meetings that where facility status is discussed.

It turns out that the president of WANO international is in town (Atlanta) and Jim will discuss our interest with him. Jim stated that he would call WANO Tokyo if his discussions with the President were not successful.

In closing he noted that INPO should be viewed as the POC for industry. He suggested that having an INPO staff member on our team could both help us and help them stay connected. I told him that we would consider his offer.

I suggested that he call either you or me with the results of his interaction with WANO.

Marty

44/116

From: Cianci, Sandra
To: Taylor, Renee; Garland, Stephanie; Hasan, Nasreen; Johnson, Michael; Sprogeris, Patricia; Leeds, Eric; Wiggins, Jim; Schwarz, Sherry; Salus, Amy; Satorius, Mark; Dean, Bill; McCree, Victor; Matakas, Gina; Buckley, Patricia; Collins, Elmo; Owen, Lucy; Ash, Darren
Cc: Wittick, Brian; Sanfilippo, Nathan; Andersen, James; Merzke, Daniel; Virgilio, Martin; Muesle, Mary
Subject: Marty's Coverage Status/Delegation of Authority
Date: Tuesday, March 15, 2011 11:02:59 AM

For the remainder of the week, Marty is working the night shift at the Ops Center (6pm-6am).

Mike Johnson will be acting effective today, 3/15 through Thursday 3/17. Eric Leeds will act on Friday 3/18.

Marty's Delegation of Authority to follow.

Thank you

Sandy Cianci

Administrative Assistant to Marty Virgilio, DEDR

Office of the Executive Director for Operations

O-17 H13

301-415-1714

sandra.cianci@nrc.gov

44/117

From: E&E Publishing, LLC
To: [Virgilio, Martin](#)
Subject: March 15 -- E&ENews PM is ready
Date: Tuesday, March 15, 2011 5:25:22 PM

E&ENews PM



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E&ENEWS PM -- TUE., MARCH 15, 2011 -- [Read the full edition](#)

1. **CLIMATE:** Moderates add amendment to anti-EPA GHG bill

The House Energy and Commerce Committee added language to a bill by its chairman this afternoon that states that Congress should seek to curb greenhouse gas emissions "by developing policies that do not adversely affect the American economy, energy supplies and employment." A committee vote on the full bill is expected later today.

THIS AFTERNOON'S STORIES

2. **NUCLEAR CRISIS:** Chu, industry oppose U.S. licensing halt; lawmakers launch reviews
3. **NUCLEAR CRISIS:** Chu ranks Japanese disaster maybe worse than Three Mile Island
4. **BUDGET:** House passes another short-term CR
5. **AGRICULTURE:** Court delivers mixed bag for EPA, agribusinesses on CAFO permitting
6. **CHESAPEAKE BAY:** Farm pollution not as bad as previously thought -- USDA
7. **INFRASTRUCTURE:** Senators propose \$10B bank for energy, transportation projects
8. **WOLVES:** FWS won't appeal court decision on Wyo. management plan
9. **MINING:** Massey exec pleads 'not guilty' to charges related to W.Va. blast
10. **WATER POLLUTION:** Coalition decries House bid to slash restoration budgets

E&ETV'S ONPOINT

11. **OIL AND GAS:** CAP's Weiss discusses politics of rising prices

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From: OPA Resource
To: Ash, Darren; Barkley, Richard; Batkin, Joshua; Bell, Hubert; Belmore, Nancy; Bergman, Thomas; Bollwerk, Paul; Bonaccorso, Amy; Borchardt, Bill; Bozin, Sunny; Brenner, Eliot; Brock, Terry; Brown, Boris; Bubar, Patrice; Burnell, Scott; Burns, Stephen; Carpenter, Cynthia; Chandrathil, Prema; Clark, Theresa; Collins, Elmo; Couret, Ivonne; Crawford, Carrie; Cutler, Iris; Dacus, Eugene; Dapas, Marc; Davis, Roger; Dean, Bill; Decker, David; Dricks, Victor; Droggitis, Spiros; Flory, Shirley; Franovich, Mike; Gibbs, Catina; Haney, Catherine; Hannah, Roger; Harbuck, Craig; Harrington, Holly; Hasan, Nasreen; Hayden, Elizabeth; Holahan, Gary; Holahan, Patricia; Holian, Brian; Jacobssen, Patricia; Jaczko, Gregory; Jasinski, Robert; Jenkins, Verlyn; Johnson, Michael; Jones, Andrea; Kock, Andrea; Kotzalas, Margie; Ledford, Joey; Lee, Samson; Leeds, Eric; Lepré, Janet; Lew, David; Lewis, Antoinette; Loyd, Susan; Magwood, William; McCrary, Cheryl; McGrady-Finneran, Patricia; McIntyre, David; Mensah, Tanya; Mitlyng, Viktoria; Monninger, John; Montes, David; Nieh, Ho; Ordaz, Vonna; Ostendorff, William; Owen, Lucy; Powell, Amy; Quesenberry, Jeannette; Reddick, Darani; Regan, Christopher; Reyes, Luis; Riddick, Nicole; RidsSecyMailCenter Resource; Riley (OCA), Timothy; Rohrer, Shirley; Samuel, Olive; Satorius, Mark; Schaaf, Robert; Schmidt, Rebecca; Scott, Catherine; Screnci, Diane; Shaffer, Vered; Shane, Raeann; Sharkey, Jeffry; Sheehan, Neil; Sheron, Brian; Siurano-Perez, Osiris; Steger (Tucci), Christine; Svinicki, Kristine; Tabatabai, Omid; Tannenbaum, Anita; Taylor, Renee; Temp, WDM; Thomas, Ann; Uhle, Jennifer; Uselding, Lara; Vietti-Cook, Annette; Virgilio, Martin; Virgilio, Rosetta; Walker-Smith, Antoinette; Weaver, Doug; Weber, Michael; Weil, Jenny; Werner, Greg; Wiggins, Jim; Williams, Evelyn; Zimmerman, Roy; Zorn, Jason
Subject: Press Release: NRC Analysis Continues to Support Japan's Protective Actions
Date: Tuesday, March 15, 2011 1:29:45 PM
Attachments: 11-049.docx

Attaching the press release would be helpful!

To be issued and posted to the live web in 15 minutes.

Office of Public Affairs
US Nuclear Regulatory Commission
301-415-8200
opa.resource@nrc.gov

44/119



NRC NEWS

U.S. NUCLEAR REGULATORY COMMISSION

Office of Public Affairs Telephone: 301/415-8200

Washington, D.C. 20555-0001

E-mail: opa.resource@nrc.gov Site: www.nrc.gov

Blog: <http://public-blog.nrc-gateway.gov>

No. 11-049

March 15, 2011

NRC ANALYSIS CONTINUES TO SUPPORT JAPAN'S PROTECTIVE ACTIONS

NRC analysts overnight continued their review of radiation data related to the damaged Japanese nuclear reactors. The analysts continue to conclude the steps recommend by Japanese authorities parallel those the United States would suggest in a similar situation.

The Japanese authorities Monday recommended evacuation to 20 kilometers around the affected reactors and said that persons out to 30 kilometers should shelter in place.

Those recommendations parallel the protective actions the United States would suggest should dose limits reach 1 rem to the entire body and 5 rem for the thyroid, an organ particularly susceptible to radiation uptake.

A rem is a measure of radiation dose. The average American is exposed to approximately 620 millirems, or 0.62 rem, of radiation each year from natural and manmade sources.

###

News releases are available through a free *listserv* subscription at the following Web address: <http://www.nrc.gov/public-involve/listserver.html>. The NRC homepage at www.nrc.gov also offers a SUBSCRIBE link. E-mail notifications are sent to subscribers when news releases are posted to NRC's website.

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Subject: Press Release: (Revised) NRC Sends Additional Experts to Assist Japan
Date: Tuesday, March 15, 2011 11:41:11 AM
Attachments: 11-048R.docx

Attached to be released in approximately 15 minutes.

Office of Public Affairs
US Nuclear Regulatory Commission
301-415-8200
opa.resource@nrc.gov

44/120

REVISED: NRC SENDS ADDITIONAL EXPERTS TO ASSIST JAPAN

The NRC has sent nine additional experts to Tokyo to provide assistance as requested by the Japanese government. Acting as part of a U.S. Agency for International Development assistance team, the NRC has dispatched the experts to Tokyo to provide assistance as requested by the Japanese government.

The first members of the team left the United States Monday evening and were due to arrive in Tokyo Wednesday afternoon. The team includes additional reactor experts, international affairs professional staffers, and a senior manager from one of the NRC's four operating regions.

The team members come from the NRC's headquarters in Rockville, Md., and from offices in King of Prussia, Pa., Chattanooga, Tenn., and Atlanta. The team has been instructed to: conduct all activities needed to understand the status of efforts to safely shut down the Japanese reactors; better understand the potential impact on people and the environment of any radioactivity releases; if asked, provide technical advice and support through the U.S. ambassador for the Japanese government's decision making process; and draw on NRC-headquarters expertise for any other additional technical requirements. The team will be in communication with the Japanese regulator, the U.S. Embassy, NRC headquarters, and other government stakeholders as appropriate.

The team is led by Charles A. Casto, deputy regional administrator of the NRC's Center of Construction Inspection, based in NRC's office in Atlanta. Casto has worked in the commercial nuclear power industry at three different nuclear power plants, including Browns Ferry, which has three boiling water reactors, operated by the Tennessee Valley Authority in Alabama. He has also worked as a licensed reactor operator and operator instructor. Casto will provide a single point of contact for the U.S. Ambassador in Japan on nuclear reactor issues.

The two reactor experts sent Saturday to Japan will participate as members of this assistance team.

Note To Editors: Revision reflects an additional team member, there are now a total of 11 NRC staffers on the assistance team.

###

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Subject: Press Release: NRC Analysis Continues to Support Japan's Protective Actions
Date: Tuesday, March 15, 2011 1:28:21 PM

To be issued and posted to the live web in 15 minutes.

Office of Public Affairs
US Nuclear Regulatory Commission
301-415-8200
opa.resource@nrc.gov

44/121

From: Caldwell, Robert
To: Correia, Richard; Wastler, Sandra; Erlanger, Craig; Huyck, Doug; Shropshire, Alan
Subject: RE: Additional Staff requirements outside Ops Center Long Term Staffing
Date: Wednesday, March 16, 2011 11:07:56 AM

Quick Clarifier: Are we asking our staff for the following (combo of both attached e-mails)?

- (1) OIP is looking for names of people who have desk officer or other OIP or international experience to assist them in the event that current staff cannot meet the work demands for call inquiries as well as ongoing international work. Need their general availability over the next week and month.
- (2) Additional staff to support in the ops center, the primary needs are for:
 - a. the specialized positions on the PMT and
 - b. (? Is this not the same as above?) anyone with previous international experience in OIP. Regarding support in Japan, please provide any updates/changes to the list by COB March 17. The target time frame for sending these staff members is March 27-April 9,

BTW, Tim Harris indicated he has PMT experience.

Thanks Bob C.

From: Correia, Richard
Sent: Wednesday, March 16, 2011 10:50 AM
To: Wastler, Sandra; Caldwell, Robert; Erlanger, Craig; Huyck, Doug; Shropshire, Alan
Subject: FW: Additional Staff requirements outside Ops Center Long Term Staffing

Please let me know ASAP if we have anyone that meets the "quals" below to assist OIP and if they would be willing to assist.

thx

From: Rheume, Cynthia
Sent: Wednesday, March 16, 2011 10:45 AM
To: Holahan, Patricia; Layton, Michael; Correia, Richard; Westreich, Barry
Subject: RE: Additional Staff requirements outside Ops Center Long Term Staffing

All - Do we have anyone who would fit the bill?

Cynthia Rheume
Director, Program Management, Policy
Development and Analysis
Nuclear Security and Incident Response
(301)415-6538
Cynthia.Rheume@nrc.gov



44/122

From: Evans, Michele
Sent: Wednesday, March 16, 2011 9:38 AM
To: Abraham, Susan; Rheaume, Cynthia
Cc: Holahan, Patricia; Correia, Richard; Layton, Michael; Westreich, Barry
Subject: FW: Additional Staff requirements outside Ops Center Long Term Staffing
Importance: High

Susan/Cyndi,

Please handle this for NSIR and respond if we have anyone. Maybe other parts of NSIR (not DPR) can help out with this request.

thanks

From: Muessle, Mary
Sent: Wednesday, March 16, 2011 9:32 AM
To: Evans, Michele; Hackett, Edwin; Brenner, Eliot; Schmidt, Rebecca; Powell, Amy; Droggitis, Spiros; Doane, Margaret; Mamish, Nader; Dyer, Jim; Brown, Milton; Greene, Kathryn; Stewart, Sharon; Howard, Patrick; Miller, Charles; Moore, Scott; Cohen, Miriam; Tracy, Glenn; Haney, Catherine; Dorman, Dan; Johnson, Michael; Holahan, Gary; Leeds, Eric; Boger, Bruce; Grobe, Jack; Zimmerman, Roy; Campbell, Andy; Sheron, Brian; Uhle, Jennifer; Dean, Bill; Lew, David; McCree, Victor; Wert, Leonard; Casto, Chuck; Satorius, Mark; Pederson, Cynthia; Collins, Elmo; Howell, Art; Andersen, James; Akstulewicz, Brenda; Belmore, Nancy; Quesenberry, Jeannette; Kreuter, Jane; Armstrong, Janine; Hudson, Sharon; Ellis, Marv; Hasan, Nasreen; Ronewicz, Lynn; Schumann, Stacy; Daniels, Stanley; Casby, Marcia; Thomas, Loretta; Walker, Dwight; Sprogeris, Patricia; Schwarz, Sherry; Ross, Robin; Cohen, Shari; Riddick, Nicole; Flory, Shirley; Veltri, Debra; Matakas, Gina; ODaniell, Cynthia; Miles, Patricia; Lee, Pamela; Dubose, Sheila; Buckley, Patricia; Tomczak, Tammy; Owen, Lucy; Tannenbaum, Anita; Gusack, Barbara; Harrington, Holly; Ricketts, Paul; Howell, Linda; Higginbotham, Tina; Ross, Brenda; Boyce, Thomas (OIS); Schaeffer, James; Jackson, Donald
Cc: Williams, Shawn; Andersen, James; Ramsey, Jack
Subject: Additional Staff requirements outside Ops Center Long Term Staffing
Importance: High

OPA and OIP expect large call volumes today and in the next few weeks given expected news from Japan. OIP is looking for names of people who have desk officer or other OIP or international experience to assist them in the event that current staff cannot meet the work demands for call inquiries as well as ongoing international work. Please provide Shawn Williams and I a list of names that could serve to help OIP in this capacity and their general availability over the next week and month. It is difficult to determine the need level at this time, but as in the Op Center, it is anticipated OIP will have for an additional month. We would like the list of names by COB today.

Thanks

Mary

Mary Muessle
Assistant for Operations - Acting
Office of the Executive Director for Operations
U.S. Nuclear Regulatory Commission
301-415-1703 office
301-415-2700 fax

From: Evans, Michele

Sent: Tuesday, March 15, 2011 5:53 PM

To: Hackett, Edwin; Brenner, Eliot; Schmidt, Rebecca; Powell, Amy; Droggitis, Spiros; Doane, Margaret; Mamish, Nader; Dyer, Jim; Brown, Milton; Greene, Kathryn; Stewart, Sharon; Howard, Patrick; Miller, Charles; Moore, Scott; Cohen, Miriam; Tracy, Glenn; Haney, Catherine; Dorman, Dan; Johnson, Michael; Holahan, Gary; Leeds, Eric; Boger, Bruce; Grobe, Jack; Zimmerman, Roy; Campbell, Andy; Sheron, Brian; Uhle, Jennifer; Dean, Bill; Lew, David; McCree, Victor; Wert, Leonard; Casto, Chuck; Satorius, Mark; Pederson, Cynthia; Collins, Elmo; Howell, Art; Muessle, Mary; Andersen, James; Akstulewicz, Brenda; Belmore, Nancy; Quesenberry, Jeannette; Kreuter, Jane; Armstrong, Janine; Hudson, Sharon; Ellis, Marv; Hasan, Nasreen; Ronewicz, Lynn; Schumann, Stacy; Daniels, Stanley; Casby, Marcia; Thomas, Loretta; Walker, Dwight; Sprogeris, Patricia; Schwarz, Sherry; Ross, Robin; Cohen, Shari; Riddick, Nicole; Flory, Shirley; Veltri, Debra; Matakas, Gina; ODaniell, Cynthia; Miles, Patricia; Lee, Pamela; Dubose, Sheila; Buckley, Patricia; Tomczak, Tammy; Owen, Lucy; Tannenbaum, Anita; Gusack, Barbara; Harrington, Holly; Ricketts, Paul; Howell, Linda; Higginbotham, Tina; Ross, Brenda; Boyce, Thomas (OIS); Schaeffer, James; Jackson, Donald

Subject: Follow-up from 4 pm teleconference on Ops Center Long Term Staffing

Everyone,

Please find attached 1) a list of current positions being staffed in the Ops Center and 2) the staff identified as available to support in Japan.

Regarding additional staff available to support in the ops center, the primary needs are for the specialized positions on the PMT and anyone with previous international experience in OIP.

Regarding support in Japan, please provide any updates/changes to the list by COB March 17. The target time frame for sending these staff members is March 27-April 9, so please consider that when considering staff to put on the list.

Thanks for your support.

Michele

From: [Huyck, Doug](#)
To: [Correia, Richard](#); [Layton, Michael](#); [Caldwell, Robert](#)
Subject: RE: Additional Staff requirements outside Ops Center Long Term Staffing
Date: Wednesday, March 16, 2011 12:09:01 PM

No one from RSRLB with PMT experience.

One suggestion is Pete Prescott. Pete (mechanical engineering degree) has extensive agency experience in PRA and maintenance team inspections. He has successfully completed BWR and PWR courses at TTC.

I have not asked him if he could assist.

Doug

From: Correia, Richard
Sent: Wednesday, March 16, 2011 10:50 AM
To: Wastler, Sandra; Caldwell, Robert; Erlanger, Craig; Huyck, Doug; Shropshire, Alan
Subject: FW: Additional Staff requirements outside Ops Center Long Term Staffing

Please let me know ASAP if we have anyone that meets the "quals" below to assist OIP and if they would be willing to assist.

thx

From: Rheume, Cynthia
Sent: Wednesday, March 16, 2011 10:45 AM
To: Holahan, Patricia; Layton, Michael; Correia, Richard; Westreich, Barry
Subject: RE: Additional Staff requirements outside Ops Center Long Term Staffing

All - Do we have anyone who would fit the bill?

Cynthia Rheume

Director, Program Management, Policy
Development and Analysis
Nuclear Security and Incident Response
(301)415-6538
Cynthia.Rheume@nrc.gov



From: Evans, Michele
Sent: Wednesday, March 16, 2011 9:38 AM
To: Abraham, Susan; Rheume, Cynthia
Cc: Holahan, Patricia; Correia, Richard; Layton, Michael; Westreich, Barry
Subject: FW: Additional Staff requirements outside Ops Center Long Term Staffing
Importance: High

Susan/Cyndi,

44/123

Please handle this for NSIR and respond if we have anyone. Maybe other parts of NSIR (not DPR) can help out with this request.

thanks

From: Muessle, Mary

Sent: Wednesday, March 16, 2011 9:32 AM

To: Evans, Michele; Hackett, Edwin; Brenner, Eliot; Schmidt, Rebecca; Powell, Amy; Droggitis, Spiros; Doane, Margaret; Mamish, Nader; Dyer, Jim; Brown, Milton; Greene, Kathryn; Stewart, Sharon; Howard, Patrick; Miller, Charles; Moore, Scott; Cohen, Miriam; Tracy, Glenn; Haney, Catherine; Dorman, Dan; Johnson, Michael; Holahan, Gary; Leeds, Eric; Boger, Bruce; Grobe, Jack; Zimmerman, Roy; Campbell, Andy; Sheron, Brian; Uhle, Jennifer; Dean, Bill; Lew, David; McCree, Victor; Wert, Leonard; Casto, Chuck; Satorius, Mark; Pederson, Cynthia; Collins, Elmo; Howell, Art; Andersen, James; Akstulewicz, Brenda; Belmore, Nancy; Quesenberry, Jeannette; Kreuter, Jane; Armstrong, Janine; Hudson, Sharon; Ellis, Marv; Hasan, Nasreen; Ronewicz, Lynn; Schumann, Stacy; Daniels, Stanley; Casby, Marcia; Thomas, Loretta; Walker, Dwight; Sprogeris, Patricia; Schwarz, Sherry; Ross, Robin; Cohen, Shari; Riddick, Nicole; Flory, Shirley; Veltri, Debra; Matakas, Gina; ODaniell, Cynthia; Miles, Patricia; Lee, Pamela; Dubose, Sheila; Buckley, Patricia; Tomczak, Tammy; Owen, Lucy; Tannenbaum, Anita; Gusack, Barbara; Harrington, Holly; Ricketts, Paul; Howell, Linda; Higginbotham, Tina; Ross, Brenda; Boyce, Thomas (OIS); Schaeffer, James; Jackson, Donald

Cc: Williams, Shawn; Andersen, James; Ramsey, Jack

Subject: Additional Staff requirements outside Ops Center Long Term Staffing

Importance: High

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Thanks

Mary

Mary Muessle

Assistant for Operations - Acting

Office of the Executive Director for Operations

U.S. Nuclear Regulatory Commission

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301-415-2700 fax

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Thanks for your support.

Michele

From: [Trapp, James](#)
To: [LaVie, Steve](#)
Subject: PMT
Date: Wednesday, March 16, 2011 12:06:31 AM

Might consider completing a worse case dose map.

4/1/124

From: [Bukharin, Oleg](#)
To: [Layton, Michael](#)
Cc: [Caldwell, Robert](#); [Correia, Richard](#)
Subject: RE: Additional Staff requirements outside Ops Center Long Term Staffing
Date: Wednesday, March 16, 2011 4:16:44 PM

I have worked with OIP in the past (on a limited set of issues although). Perhaps I can provide support. I am currently scheduled to be on travel Mar 23 and Apr 5-7.

Oleg

From: Layton, Michael
Sent: Wednesday, March 16, 2011 1:45 PM
To: Sapountzis, Alexander; Bukharin, Oleg; Wray, Barry; Clinton, Rebecca; Ragland, Robert; Jamgochian, Kris; Collins, Chiquita; Kohen, Marshall; Harris, Larry; Harris, Tim; Tardiff, Al; Coughlin, Patrick; Leitch, Rosalyn
Cc: Caldwell, Robert; Correia, Richard
Subject: FW: Additional Staff requirements outside Ops Center Long Term Staffing

See message below from EDO/AO Mary Muesle:

With Bob off today, this message may have gotten to you all.

If you have the skills sets and inclination to help, let me or Cynthia Rheume in PMDA know. If you are called to support, we'll adjust your normal schedule and duties to accommodate.

Many thanks,

MCL

From: Rheume, Cynthia
Sent: Wednesday, March 16, 2011 10:43 AM
To: Evans, Michele
Cc: Holahan, Patricia; Correia, Richard; Layton, Michael; Westreich, Barry; Abraham, Susan
Subject: RE: Additional Staff requirements outside Ops Center Long Term Staffing

Michele – yes, I will take this for response.

Cynthia Rheume
Director, Program Management, Policy
Development and Analysis
Nuclear Security and Incident Response
(301)415-6538
Cynthia.Rheume@nrc.gov



From: Evans, Michele

44/125

Sent: Wednesday, March 16, 2011 9:38 AM
To: Abraham, Susan; Rheaume, Cynthia
Cc: Holahan, Patricia; Correia, Richard; Layton, Michael; Westreich, Barry
Subject: FW: Additional Staff requirements outside Ops Center Long Term Staffing
Importance: High

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Thanks

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From: Evans, Michele
Sent: Tuesday, March 15, 2011 5:53 PM

To: Hackett, Edwin; Brenner, Eliot; Schmidt, Rebecca; Powell, Amy; Droggitis, Spiros; Doane, Margaret; Mamish, Nader; Dyer, Jim; Brown, Milton; Greene, Kathryn; Stewart, Sharon; Howard, Patrick; Miller, Charles; Moore, Scott; Cohen, Miriam; Tracy, Glenn; Haney, Catherine; Dorman, Dan; Johnson, Michael; Holahan, Gary; Leeds, Eric; Boger, Bruce; Grobe, Jack; Zimmerman, Roy; Campbell, Andy; Sheron, Brian; Uhle, Jennifer; Dean, Bill; Lew, David; McCree, Victor; Wert, Leonard; Casto, Chuck; Satorius, Mark; Pederson, Cynthia; Collins, Elmo; Howell, Art; Muessle, Mary; Andersen, James; Akstulewicz, Brenda; Belmore, Nancy; Quesenberry, Jeannette; Kreuter, Jane; Armstrong, Janine; Hudson, Sharon; Ellis, Marv; Hasan, Nasreen; Ronewicz, Lynn; Schumann, Stacy; Daniels, Stanley; Casby, Marcia; Thomas, Loretta; Walker, Dwight; Sprogeris, Patricia; Schwarz, Sherry; Ross, Robin; Cohen, Shari; Riddick, Nicole; Flory, Shirley; Veltri, Debra; Matakas, Gina; ODaniell, Cynthia; Miles, Patricia; Lee, Pamela; Dubose, Sheila; Buckley, Patricia; Tomczak, Tammy; Owen, Lucy; Tannenbaum, Anita; Gusack, Barbara; Harrington, Holly; Ricketts, Paul; Howell, Linda; Higginbotham, Tina; Ross, Brenda; Boyce, Thomas (OIS); Schaeffer, James; Jackson, Donald

Subject: Follow-up from 4 pm teleconference on Ops Center Long Term Staffing

Everyone,

Please find attached 1) a list of current positions being staffed in the Ops Center and 2) the staff identified as available to support in Japan.

Regarding additional staff available to support in the ops center, the primary needs are for the specialized positions on the PMT and anyone with previous international experience in OIP.

Regarding support in Japan, please provide any updates/changes to the list by COB March 17. The target time frame for sending these staff members is March 27-April 9, so please consider that when considering staff to put on the list.

Thanks for your support.

Michele

Kauffman, John

From: Howe, Allen
Sent: Wednesday, March 16, 2011 5:09 PM
To: Dion, Jeanne; Williams, Donna; Bajwa, Chris; Wittick, Susan; Shropshire, Alan; VandenBerghe, John; Deegan, George; Milligan, Patricia
Cc: Meighan, Sean; Hall, Randy; Boska, John
Subject: Assistance with Commission Brief
Attachments: Scheduling NoteMar2011_JapaneseEvent agh 3-16-2011.docx; commission meeting outline 3-16-2011.docx

Importance: High

I am looking for assistance to pull together background information, slides, key messages, talking points and possible Q&A for the Commission briefing on the Japan event. The briefing is likely to happen Monday. Looks like a busy weekend. A rough draft outline is attached with leads for the areas. Please keep in mind that the meeting will be public and the information will be at a fairly high level. If you know of a point of contact that is best suited to address the information, please let me know.

I am working to schedule a meeting tomorrow afternoon @1:30 to flesh this out. I will send out a scheduler with a bridge line.

Thanks - Allen

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From: [Temple, Jeffrey](#)
To: [Correia, Richard](#); [McGinty, Tim](#); [Bower, Anthony](#)
Cc: [Layton, Michael](#)
Subject: RE: Query: Willing/Able to Serve on the Liaison Team in the Operations Center
Date: Wednesday, March 16, 2011 9:52:34 PM

Thanks Rich. We may be all set for the time being, but will be in touch.

Jeff Temple
Response Program Manager
301-415-0156

From: Correia, Richard
Sent: Wednesday, March 16, 2011 3:36 PM
To: McGinty, Tim; Temple, Jeffrey; Bower, Anthony
Cc: Layton, Michael
Subject: RE: Query: Willing/Able to Serve on the Liaison Team in the Operations Center

All,

I am willing to help support the LT as needed.

From: McGinty, Tim
Sent: Wednesday, March 16, 2011 1:45 PM
To: Akstulewicz, Frank; Bergman, Thomas; Madden, Patrick; Richards, Stuart; Gibson, Kathy; Correia, Richard; Delligatti, Mark; Webber, Robert; Persinko, Andrew; Davis, Jack; Bailey, Marissa; Weaver, Doug; Adams, John
Cc: Evans, Michele; OST02 HOC; Thaggard, Mark; Tschiltz, Michael; Blount, Tom; Lombard, Mark; Jones, Cynthia; Giitter, Joseph; Temple, Jeffrey; LIA06 Hoc; LIA08 Hoc; McDermott, Brian; Morris, Scott; Bower, Anthony
Subject: Query: Willing/Able to Serve on the Liaison Team in the Operations Center
Importance: High

Colleagues – I am reaching out to you directly to see if you can, and would be interested, in joining the Liaison Team (LT) in the Operations Center as a Director and/or Deputy Director.

If you already have a defined incident response roll, please disregard this query.

To get to the point: The LT currently only has a handful of "Directors". Since we need to staff the Ops Center 24/7, perhaps for an extended period of time (see below from the NSIR Acting Deputy Director), I am "recruiting" among colleagues who may be able and interested in helping. Since this is an ongoing event on foreign soil, the LT has actually been actively involved. We need additional help to staff the LT leadership position for the next month.

If you are interested and able to help, please email the LT Coordinator (Jeff Temple), Anthony Bower and myself. There is no need to "reply to all", or to reply at all, as the Incident Response activity continues to be on a voluntary basis.

I think the LT only needs 2 or 3 additional volunteers to establish enough capability to

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allow for a rotating shiftwork watchbill that will also give us some flexibility to do our normal jobs part time as well. If you can do it, I would expect the process to be to "shadow" one of the LT Directors at shift change and perhaps for a couple hours to observe team activities, a half-hour brief by the Coordinator, and to review the LT Directors procedure.

Thanks for your consideration - Tim

From: OST02 HOC
Sent: Tuesday, March 15, 2011 6:28 PM
To: Thaggard, Mark; Blount, Tom; McGinty, Tim; Tschiltz, Michael
Cc: Evans, Michele
Subject: Staffing Ops Center 24/7
Importance: High

Liaison Team Directors:

Per EDO direction we plan to staff the Ops Center 24/7 while we have staff dispatched in Japan. And we are currently planning to identify a second team to send to Japan in about 2 weeks, with the idea that they may stay there for an additional two weeks. That would take us out to April 10 or so.

Staffing in the IRC will remain at the current levels for potentially another week. Possibly we will be able to scale back somewhat at that point. The intent is to develop a schedule through April 10 at this point. The immediate focus is to staff for the first week, starting Saturday March 19.

We'd like to have a little more consistency in the staffing of most positions. So we'd like to staff the Liaison Team Director in 4 day blocks, three shifts each day, starting March 19.

Tim McGinty has offered to take the lead to coordinate among the potential Liaison Team Directors to fill the schedule. Please work with him and provide at least the schedule for the first four day block by COB Wednesday March 16.

Michele

From: [Evans, Michele](#)
To: [Correia, Richard](#)
Subject: FW: Planning for upcoming, short notice Commission meeting
Date: Wednesday, March 16, 2011 2:05:41 PM
Attachments: [Scheduling_NoteMar2011_JapaneseEvent_agh_3-16-2011.docx](#)

Please provide the POC as we discussed. Thanks

From: Ruland, William
Sent: Wednesday, March 16, 2011 1:19 PM
To: Williams, Donna; Uhle, Jennifer; Sheron, Brian; Moore, Scott; Miller, Charles; Brenner, Eliot; Haney, Catherine; Dorman, Dan; Wiggins, Jim; Evans, Michele; Doane, Margaret; Mamish, Nader
Cc: Johnson, Michael; Holahan, Gary; Leeds, Eric; Grobe, Jack; Howe, Allen
Subject: Planning for upcoming, short notice Commission meeting

Folks,

Attached find a early draft of a scheduling note for a Commission meeting that may be held as early as this coming Monday, March 21st. NRR has been assigned as the lead to pull the meeting together. As you could imagine, this will take some effort. To help with coordination, please provide me a contact so that we can draw on your expertise and help to make this happen. Alan Howe, currently deputy director of DORL, has the lead to pull this together.

I know you have many questions. I'd ask for your patience as we try to get this done! I'll keep you updated through the contact that you provide to us.

Thank you very much.

Bill Ruland

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Attachment Scheduling NoteMar2011_JapaneseEvent agh 3-16.docx (21811 Bytes) cannot be converted to PDF format.

From: [Sheron, Brian](#)
To: [Case, Michael](#); [Coe, Doug](#); [Correia, Richard](#); [Gibson, Kathy](#); [Lui, Christiana](#); [Richards, Stuart](#); [Sangimino, Donna-Marie](#); [Scott, Michael](#); [Uhle, Jennifer](#); [Valentin, Andrea](#)
Subject: FW: Follow-up from 4 pm teleconference on Ops Center Long Term Staffing
Date: Wednesday, March 16, 2011 7:41:16 AM
Attachments: [Japan Exercise Position Title March 15.docx](#)
[Japan Support.xlsx](#)

Here is the list of expertise the Op center is looking for.

From: Evans, Michele
Sent: Tuesday, March 15, 2011 5:53 PM
To: Hackett, Edwin; Brenner, Eliot; Schmidt, Rebecca; Powell, Amy; Droggitis, Spiros; Doane, Margaret; Mamish, Nader; Dyer, Jim; Brown, Milton; Greene, Kathryn; Stewart, Sharon; Howard, Patrick; Miller, Charles; Moore, Scott; Cohen, Miriam; Tracy, Glenn; Haney, Catherine; Dorman, Dan; Johnson, Michael; Holahan, Gary; Leeds, Eric; Boger, Bruce; Grobe, Jack; Zimmerman, Roy; Campbell, Andy; Sheron, Brian; Uhle, Jennifer; Dean, Bill; Lew, David; McCree, Victor; Wert, Leonard; Casto, Chuck; Satorius, Mark; Pederson, Cynthia; Collins, Elmo; Howell, Art; Muesse, Mary; Andersen, James; Akstulewicz, Brenda; Belmore, Nancy; Quesenberry, Jeannette; Kreuter, Jane; Armstrong, Janine; Hudson, Sharon; Ellis, Marv; Hasan, Nasreen; Ronewicz, Lynn; Schumann, Stacy; Daniels, Stanley; Casby, Marcia; Thomas, Loretta; Walker, Dwight; Sprogeris, Patricia; Schwarz, Sherry; Ross, Robin; Cohen, Shari; Riddick, Nicole; Flory, Shirley; Veltri, Debra; Matakas, Gina; ODaniell, Cynthia; Miles, Patricia; Lee, Pamela; Dubose, Sheila; Buckley, Patricia; Tomczak, Tammy; Owen, Lucy; Tannenbaum, Anita; Gusack, Barbara; Harrington, Holly; Ricketts, Paul; Howell, Linda; Higginbotham, Tina; Ross, Brenda; Boyce, Thomas (OIS); Schaeffer, James; Jackson, Donald
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Thanks for your support.

Michele

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Attachment Japan Exercise Position Title March 15.docx (11481 Bytes) cannot be converted to PDF format.

| | SAMG | SRO/RI @BWR | Desc | |
|-----------------------------------|------|----------------|--|--------------------------------------|
| Rudy Bernhard | | SRO/RI @BWR | Senior Reactor Analyst, Senior Resident Inspector at Grand Gulf; GE SRO Certification at Dresden, Hatch and River Bend; General Electric Construction/Pre-op/Start-up Testing/ and Operations, Browns Ferry Restart support. | PASSPORT NEEDS UPDATING |
| Bruno Caballero | | SRO/RI @BWR | Senior Operator Licensing Examiner, former SRO at Browns Ferry (BWR4/Mark | CURRENT PASSPORT |
| Len Wert | | SRO/RI @BWR | SRI Browns Ferry and Hatch (BWR4/Mark 1) | PASSPORT NEEDS UPDATING |
| Chuck Casto | | SRO/RI @BWR | former licensed SRO at Browns Ferry (BWR4/Mark | CURRENT PASSPORT |
| Joel Munday | | SRO/RI @BWR | former licensed SRO at Brunswick ((BWR4/Mark 1) SRI at Hatch (BWR4/Mark 1) | PASSPORT NEEDS UPDATING |
| Tony Nakanishi | | SRO/RI @BWR | BWR analysis guy, spent fuel pool criticality, | speaks Japanese |
| Tony Mendiola | | SRO/RI @BWR | BWR qualified examiner (dated) , SRO certified by GE, Navy Nuke | |
| Lawrence Kokajko | SAMG | SRO/RI @BWR | licensed operator on this type of plant (SOP 3938). He also taught degraded core cooling post TMI. | CURRENT PASSPORT, Current Japan Visa |
| Aby Mohseni | SAMG | | severe accident experience for this type of unit | CURRENT PASSPORT |
| George Wilson – Chief, I&C Branch | | SRO/RI @BWR | BS Nuclear/Electrical Engineering Navy ET/Reactor Operator TVA I&C Supervisor STA at Watts Bar NRC License Examiner RI/SRI at BWR 4/5 Mark 2s Electrical Branch Chief 2005-2011 Evaluated Forsmark event in Sweden | |
| Martin Murphy | | | Navy Nuke program – GE / Knolls Atomic Power Laboratory employee – 6 years operating prototype Calvert Cliffs nuclear power plant – 12 years system engineering (ECCS & containment spray), senior material engineer US NRC materials engineer licensing experience project engineering – special projects | |

| | | | | |
|--------------------------------------|------|----------------|---|--|
| Roy Mathews - Electrical Engineer | | | thirty years nuclear power plant experience in the areas of design, maintenance and operation Expert in power plant electrical engineering design and operation Participated in the NRC, IIT, AITs and Team Inspections and a qualified NRC inspector Participated in international electrical design standards | |
| Jeff Circle | | SRO/RI @BWR | Probabilistic risk assessments, including system modeling. ROP, SDP, and SERPs Licensing interface Maintenance rule Reactive inspection decision-making Outage management Mr. Circle is a member of the HQ Incident Response Reactor Safety Team. Prior to joining the NRC, Mr. Circle worked for Entergy for 6 years (2000-2006) and with the New York Power Authority for 7 years (1993-2000). He has significant experience with BWRs and PWRs. | |
| Harold Barrett | | SRO/RI @BWR | significant BWR experience. He worked at Nine Mile Point on and off for about 15 years. He held a Senior Reactor Operator's license at Nine Mile Point Unit 1, including several positions in Operations Management (Assistant Operations Superintendent and General Supervisor Operations), was qualified in Emergency Plan Implementation and was involved with symptom-based procedure development and participated on the BWR Owner's Group Emergency Procedures Committee (responsible for the BWR Emergency Procedure Guidelines for all BWR product lines) in the mid-1980s. | |
| Tim Kolb | | SRO/RI @BWR | BWR specialist | |
| Kristy Bucholtz | | SRO/RI @BWR | Recently licensed SRO at Peach Bottom. | |
| Chuck Norton | | SRO/RI @BWR | BWR expertise (shift manager for many years at a BWR 4, resident inspector at a BWR 6 (Grand Gulf)). | |
| Joe Giitter | | | source term, incident response | |
| Bill Cook | SAMG | | severe accident mitigation. knowledgeable of SAMAs and B.5.b strategies. considerable BWR backgrounds. Region I Senior reactor analysts. | |
| Wayne Schmidt | SAMG | | severe accident mitigation. knowledgeable of SAMAs and B.5.b strategies. considerable BWR backgrounds. Region I Senior reactor analysts. | |

| | | | | |
|------------------|------|-------------|--|-----------------------------------|
| Chris Cahill | SAMG | | severe accident mitigation. knowledgeable of SAMAs and B.5.b strategies. considerable BWR backgrounds. Region I Senior reactor analysts. | |
| Ron Nimitz | | | radiological health effects and plume modeling | |
| Jim Noggle | | | radiological health effects and plume modeling | worked at Fukushima in the 1980's |
| Ray McKinley | | SRO/RI @BWR | incident response, former BWR 4 SRO | |
| Edward Fuller | SAMG | | Ph.D. Nuclear Engineering, Expert: Severe Accident Analysis | current passport |
| Donald Dube | SAMG | | Ph.D. Nuclear Engineering Expert: Severe Accident Analysis and Operational Experience | |
| Charles Hinson | | | M.E. Nuclear Engineering/ Health Physics Expert: ALARA & Radiological Safety Programs | |
| Reynaldo Jenkins | | | M.E. Nuclear Engineering/ Health Physics Expert: ALARA & Radiological Safety Programs | |
| Mark Ring | SAMG | SRO/RI @BWR | Div of Reactor Projects Br Chief for many years. Responsible for Dresden and Quad, I consider him one of the agency's best on BWR 3 and 4's qual in our emerg response org in rst, pmt, and response coordination | |
| Jim McGhee | | SRO/RI @BWR | SRI Quad, former SRO BWR and BWR examiner. Former licensee Ops and Maint mana at entergy BWRs. | |
| Jack Foster | SAMG | | HOO Protective Measure Team (PMT). Qualified as Reactor Safety Team/PMT Liaison and PMT Coordinator. RST/PMT skills need include Reactor background and health physics. PMT Coordinator skill include use and training on RASCAL, GIS, overall process of PMT. Branch Chief Materials Licensing Branch in FSME. Responsibilities include: Exempt Distribution Licensing, General Licensing, Web Based Licensing/Licensing Tracking System.Branch Chief - Generic Issues and OpE (RES). Included skills are GI-199 (Seismic) and Accident sequence precursor program (ASP) | |
| Jason Schaperow | SAMG | | Severe Accident (SA) Management Strategies (SAMGs), SA phenomena, source term chemical interaction, member of RST | current passport |

| | | | | |
|--------------------------|------|----------------|---|------------------|
| Richard Lee | SAMG | | SAMGs, SA phenomena | current passport |
| Mark Leonard (Sandia) | SAMG | SRO/RI @BWR | BWR SAMGs, SA phenomena | current passport |
| Randy Gauntt (Sandia) | SAMG | SRO/RI @BWR | SAMGs, SA phenomena, source term chemical interaction | current passport |
| Annie Kammerer | | | Seismic, tsunami, works with Japanese through IAEA program | current passport |
| Steve Garchow | | | Licensed as a BWR 6 (Perry) SRO. Went through construction and startup. While at Perry, I developed many of the initial safety related normal operating and abnormal operating procedures. This was a "from scratch" effort and, thus, involved a large amount of research with regard to system designs, capabilities, and interfaces with other systems. Perry was the lead plant for the development of the initial BWR EOPs following TMI. I was one of the licensed SRO's responsible for the initial validation and subsequent revisions of the draft EOP's. This effort was part of the BWR industry's EOP implementation plan following TMI. While an INPO employee, was a simulator evaluation team leader. This involved evaluating BWR operating crews across the country in "emergency" EOP simulated scenarios. As an NRC Chief Examiner, led many exams on BWR 4's, 5's, and 6's. This has included exams on MARK I, MARK II and MARK III containment designs. While at INPO was an accident/incident investigator and in this capacity investigated many nuclear industry events. Was a company spokesperson at First Energy and, as such, was responsible for the JPIC during emergency situations. | |
| Michael Hay | | | Bachelors/Masters in Health Physics NRC GE/BWR series course Resident Inspector at Cooper Nuclear Station: BWR 4/Mark 1 (approx 4 years) Extensive emergency planning and event response experiences | |
| Tony Vogel | | | RI/SRI at BWR's (Fermi, Perry) Knowledgeable of BWR Mark 1 Containment Lead RIV NRC response to Hurricane Katrina Extensive emergency planning and event response experiences, including Base Team Manager | |

From: [Correia, Richard](#)
To: [Layton, Michael](#); [Wastler, Sandra](#); [Caldwell, Robert](#); [Erlanger, Craig](#); [Huyck, Doug](#); [NSIR_DSP_Distribution](#)
Subject: FW: Press Release: (Revised) NRC Sends Additional Experts to Assist Japan
Date: Wednesday, March 16, 2011 7:32:40 AM
Attachments: [11-048R.docx](#)

From: Sheron, Brian
Sent: Tuesday, March 15, 2011 2:04 PM
To: Bonaccorso, Amy; Calvo, Antony; Case, Michael; Coe, Doug; Correia, Richard; Dion, Jeanne; Gibson, Kathy; Lui, Christiana; Richards, Stuart; Rini, Brett; Sangimino, Donna-Marie; Uhle, Jennifer; Valentin, Andrea
Subject: FW: Press Release: (Revised) NRC Sends Additional Experts to Assist Japan

From: OPA Resource
Sent: Tuesday, March 15, 2011 11:41 AM
To: Ash, Darren; Barkley, Richard; Batkin, Joshua; Bell, Hubert; Belmore, Nancy; Bergman, Thomas; Bollwerk, Paul; Bonaccorso, Amy; Borchardt, Bill; Bozin, Sunny; Brenner, Eliot; Brock, Terry; Brown, Boris; Bubar, Patrice; Burnell, Scott; Burns, Stephen; Carpenter, Cynthia; Chandrathil, Prema; Clark, Theresa; Collins, Elmo; Couret, Ivonne; Crawford, Carrie; Cutler, Iris; Dacus, Eugene; Dapas, Marc; Davis, Roger; Dean, Bill; Decker, David; Dricks, Victor; Droggitis, Spiros; Flory, Shirley; Franovich, Mike; Gibbs, Catina; Haney, Catherine; Hannah, Roger; Harbuck, Craig; Harrington, Holly; Hasan, Nasreen; Hayden, Elizabeth; Holahan, Gary; Holahan, Patricia; Holian, Brian; Jacobsen, Patricia; Jaczko, Gregory; Jasinski, Robert; Jenkins, Verlyn; Johnson, Michael; Jones, Andrea; Kock, Andrea; Kotzalas, Margie; Ledford, Joey; Lee, Samson; Leeds, Eric; Lepre, Janet; Lew, David; Lewis, Antoinette; Loyd, Susan; Magwood, William; McCrary, Cheryl; McGrady-Finneran, Patricia; McIntyre, David; Mensah, Tanya; Mitlyng, Viktoria; Monninger, John; Montes, David; Nieh, Ho; Ordaz, Vonna; Ostendorff, William; Owen, Lucy; Powell, Amy; Quesenberry, Jeannette; Reddick, Darani; Regan, Christopher; Reyes, Luis; Riddick, Nicole; RidsSecyMailCenter Resource; Riley (OCA), Timothy; Rohrer, Shirley; Samuel, Olive; Satorius, Mark; Schaaf, Robert; Schmidt, Rebecca; Scott, Catherine; Screnci, Diane; Shaffer, Vered; Shane, Raeann; Sharkey, Jeffrey; Sheehan, Neil; Sheron, Brian; Siurano-Perez, Osiris; Steger (Tucci), Christine; Svinicki, Kristine; Tabatabai, Omid; Tannenbaum, Anita; Taylor, Renee; Temp, WDM; Thomas, Ann; Uhle, Jennifer; Uselding, Lara; Vietti-Cook, Annette; Virgilio, Martin; Virgilio, Rosetta; Walker-Smith, Antoinette; Weaver, Doug; Weber, Michael; Weil, Jenny; Werner, Greg; Wiggins, Jim; Williams, Evelyn; Zimmerman, Roy; Zorn, Jason
Subject: Press Release: (Revised) NRC Sends Additional Experts to Assist Japan

Attached to be released in approximately 15 minutes.

Office of Public Affairs
US Nuclear Regulatory Commission
301-415-8200
opa.resource@nrc.gov

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Attachment 11-048R_1.docx (13014 Bytes) cannot be converted to PDF format.

From: GovExec.com newsletters
To: Virgilio, Martin
Subject: Govexec Today: Pentagon's furlough planning; CBO scores proposed pay caps; SBA begins reg review
Date: Wednesday, March 16, 2011 5:06:25 AM



Today

WEDNESDAY, MARCH 16, 2011

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HEADLINES

1. **Government would save billions by capping pay, CBO says**
2. **Defense outlines furlough policy**
3. **GSA's wiki platform is improving efficiency and performance, senior official says**
4. **House passes government funding bill for three more weeks**
5. **Administration backs delay of contractor tax withholding**
6. **From Nextgov: Defense blocks access to 13 websites to conserve bandwidth for Japan**
7. **Hiring managers should be agency brand ambassadors, says official**
8. **SBA opens its review of small business regulations**
9. **Five decades of the Peace Corps in photos**
10. **A Japan-reactor repeat in the United States could cost the government dearly**
11. **For Petraeus, apathy about Afghanistan may be the biggest challenge**
12. **Fedblog: Union Pulls Out of Talks on DoD Pay System**
13. **Executive Coach: Japan: What You Can Do**
14. **Today's column: Management Matters**
15. **The Earlybird: Today's headlines**
16. **Quote of the Day**

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Cybersecurity Report: Updates on the battle to protect data and systems

Check out Nextgov's cybersecurity blog delivering breaking news and insights on federal cybersecurity efforts. **Don't miss the latest cybersecurity updates – [click here!](#)**

1. **Government would save billions by capping pay, CBO says**

By Kellie Lunney

Latest report from the Congressional Budget Office explores potential savings of reducing annual military and civilian pay raises.

Full story: http://www.govexec.com/story_page.cfm?articleid=47337&dcn=e_gvet

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2. **Defense outlines furlough policy**

By Emily Long

Military personnel must report for duty without pay and complete any work left undone by furloughed civilian employees.

Full story: http://www.govexec.com/story_page.cfm?articleid=47336&dcn=e_gvet

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3. **GSA's wiki platform is improving efficiency and performance, senior official says**

By George A. Warner

Initiative is in keeping with White House efforts to link open government to improved operations.

Full story: http://www.govexec.com/story_page.cfm?articleid=47345&dcn=e_gvet

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4. **House passes government funding bill for three more weeks**

By Humberto Sanchez, National Journal

Measure now goes to the Senate for consideration later this week.

Full story: http://www.govexec.com/story_page.cfm?articleid=47339&dcn=e_gvet

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- [Building Business Cases](#)
- [Leadership and Communication Skills for Business Analysts NEW](#)
- [Principles of Business Analysis](#)

Enroll Today!

5. **Administration backs delay of contractor tax withholding**

By Robert Brodsky

Controversial provision would require the government to withhold 3 percent of its payments to industry firms.

Full story: http://www.govexec.com/story_page.cfm?articleid=47341&dcn=e_gvet

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6. **From Nextgov: Defense blocks access to 13 websites to conserve bandwidth for Japan**

By Bob Brewin

Employees and service members can continue to use Facebook.

Full story: http://www.govexec.com/story_page.cfm?articleid=47343&dcn=e_gvet

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7. **Hiring managers should be agency brand ambassadors, says official**

By Emily Long

OPM recruiting specialist recommends that search for new talent be done through formal activities; new online tools suggest how.

Full story: http://www.govexec.com/story_page.cfm?articleid=47340&dcn=e_gvet

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8. **SBA opens its review of small business regulations**

By Robert Brodsky

Agency wants public input on which rules should be streamlined, expanded or withdrawn.

Full story: http://www.govexec.com/story_page.cfm?articleid=47338&dcn=e_gvet

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9. **Five decades of the Peace Corps in photos**

By Emily Long

As the agency marks a landmark anniversary, a look back at some compelling images of its work.

Full story: http://www.govexec.com/story_page.cfm?articleid=47334&dcn=e_gvet

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10. **A Japan-reactor repeat in the United States could cost the government dearly**

By Jim Tankersley, National Journal

Taxpayers, not the utilities, would be liable for most of the bill.

Full story: http://www.govexec.com/story_page.cfm?articleid=47331&dcn=e_gvet

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11. **For Petraeus, apathy about Afghanistan may be the biggest challenge**

By Yochi J. Dreazen, National Journal

General's Hill visit will be less scrutinized this week.

Full story: http://www.govexec.com/story_page.cfm?articleid=47332&dcn=e_gvet

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Get breaking links and more from the best news source for federal government news, from human capital and IT to finance and procurement. Read our tweets at

<http://twitter.com/govexec>.

12. **Fedblog: Union Pulls Out of Talks on DoD Pay System**

By Emily Long

Outside the bureaucracy, looking in.

Tuesday, March 15, 5:02 p.m. ET:

The American Federation of Government Employees has pulled out of talks around the Defense Department's personnel system overhaul, calling recent agency actions "nothing less than union busting."

Read blog: <http://blogs.govexec.com/fedblog/>

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13. **Executive Coach: Japan: What You Can Do**

By Scott Eblin

Taking your career to the next level.

Tuesday, March 15, 10:45 a.m. ET:

Like many other people around the world this past weekend, I was transfixed by the news of the epic disaster that hit Japan on March 11. I've noticed that almost all of the coverage so far has been straight news and very little commentary. In my own case, I find that I can't get my mind around the scale of the disaster and the impact on the people in the area.

Read blog: <http://blogs.govexec.com/executivecoach/>

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14. **Today's column: Management Matters**

Diamonds in the Rough

By identifying and grooming top talent, managers can play an important role in encouraging the next generation of leaders.

Full column: <http://www.govexec.com/dailyfed/0311/031611mm.htm>

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15. **The Earlybird: Today's headlines**

Get links to the top news of the day:

<http://www.govexec.com/dailyfed/ebird.htm>

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16. **Quote of the Day**

You chose to be a manager. This is your responsibility. You should be out there recruiting.

-- Carmen Andujar, OPM recruitment specialist, [talking](#) to federal managers.

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Government Executive * 600 New Hampshire Avenue, NW * Washington, DC 20037

Ibarra, Jose

From: Operations Center Bulletin
Sent: Wednesday, March 16, 2011 10:40 AM
To: Operations Center Bulletin
Subject: UPDATE: NRC IS RESPONDING TO JAPANESE EVENTS

THIS IS NOT A DRILL

The Office of Public Affairs is expecting a large volume of calls from media and the general public regarding the latest statements from the State Department and the NRC regarding the situation in Japan. ALL CALLS from media or the general public on this topic must be referred to the 301-415-8200 number.

The NRC is coordinating its actions with other Federal agencies as part of the U.S. government response to the events in Japan. The NRC is examining all available information as part of the effort to analyze the event and understand its implications both for Japan and the United States. The NRC's Headquarters Operations Center in Rockville, MD has been stood up since the beginning of the emergency in Japan and is operating on a 24-hour basis.

NRC Incident Responders at Headquarters have spoken with the agency's counterpart in Japan and offered the assistance of U.S. technical experts. NRC representatives with expertise on boiling water nuclear reactors have deployed to Japan as part of a U.S. International Agency for International Development (USAID) team. USAID is the Federal government agency primarily responsible for providing assistance to countries recovering from disasters.

U.S. nuclear power plants are built to withstand environmental hazards, including earthquakes and tsunamis. Even those plants that are located outside of areas with extensive seismic activity are designed for safety in the event of such a natural disaster. The NRC requires that safety significant structures, systems, and components be designed to take in account the most severe natural phenomena historically estimated for the site and surrounding area.

The NRC will **not** provide information on the status of Japan's nuclear power plants. For the latest information on NRC actions see the NRC's web site at www.nrc.gov or blog at <http://public-blog.nrc-gateway.gov>.

Two important reminders:

It is possible that some of us will be requested by colleagues in another country to provide technical advice and assistance during this emergency. It is essential that all such communications be handled through the NRC Operations Center. Any assistance to a foreign government or entity must be coordinated through the NRC Operations Center and the U.S. Department of State (DOS). If you receive such a request, contact the NRC Operations Officer (301-816-5100 or via the NRC Operator) immediately.

If you receive information regarding this or any emergency (foreign or domestic) and you are not certain that the NRC's Incident Response Operations Officer is already aware of that information, you should contact the NRC Operations Officer (301-816-5100 or via the NRC Operator) and provide that information.

Other Sources of Information:

USAID – www.usaid.gov
U.S. Department of State – www.state.gov
FEMA – www.fema.gov
White House – www.whitehouse.gov
Nuclear Energy Institute – www.nei.org

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International Atomic Energy Agency – www.iaea.org/press

No response to this message is required.

THIS IS NOT A DRILL

From: NEIGA@nei.org
To: [Trapp, James](#)
Subject: **Update 1:15pm March 16** Information on the Japanese Earthquake and Reactors in that Region
Date: Wednesday, March 16, 2011 2:01:24 PM



UPDATE AS OF 1:15 P.M. EDT, WEDNESDAY, MARCH 16:

NEI has posted an updated version of the fact sheet [Used Nuclear Fuel Storage at the Fukushima Daiichi Nuclear Power Plant](#). Also available is a new fact sheet called [Industry Taking Action to Ensure Continued Safety at U.S. Nuclear Energy Plants](#).

As always, please go to <http://resources.nei.org/japan> for the latest updates.

Click [here](#) to unsubscribe



44/133

Ibarra, Jose

From: Coe, Doug
Sent: Wednesday, March 16, 2011 7:36 PM
To: Coyne, Kevin; Salley, MarkHenry; Kuritzky, Alan; Marksberry, Don; Ott, William; Beasley, Benjamin
Cc: Demoss, Gary; Stutzke, Martin; Ibarra, Jose; Hudson, Daniel; Peters, Sean; Xing, Jing; Correia, Richard
Subject: RE: RES support for commission meeting on Monday 3/21.

I expect this will be a public meeting and therefore our key messages must be couched accordingly. RES/DRA will likely get asked to provide bullets on our work on PRA model improvement in general and on GI-199 in particular. The level III work is still formative, and we should be careful not to over-commit it toward seismic or any other particular focus area. We'll see what the scheduling call brings tomorrow.

From: Coyne, Kevin
Sent: Wednesday, March 16, 2011 6:56 PM
To: Salley, MarkHenry; Kuritzky, Alan; Marksberry, Don; Ott, William; Beasley, Benjamin
Cc: Demoss, Gary; Stutzke, Martin; Ibarra, Jose; Hudson, Daniel; Peters, Sean; Xing, Jing; Coe, Doug; Correia, Richard
Subject: FW: RES support for commission meeting on Monday 3/21.

Just wanted to give you a head's up...

Still a bit fuzzy exactly what we need to provide, but we will need to help NRR with this emergent Commission briefing. NRR has the lead, but we need to be ready to lend a hand. More specifics will come after an Office TA scheduling call tomorrow, but you may want to start thinking about these topics:

Bill Borchardt intends to cover:

Advance Our Understanding of Safety and Risk

Marty Virgilio's portion will cover:

- External Events
 - Seismic
 - Flood
 - Tsunamis
- Severe Accidents
 - SBO
 - B.5.b/50.54 (hh)(2)
 - SAMGs
 - Hydrogen control
 - Emergency planning

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- Spent Fuel

Bill Borchardt's talk seems more in the DSA area (but might provide an opening for the emerging Level 3 project). Marty Virgilio appears to be touching on topics with some tie to DRA (particularly if NRR wants to address relative risk significance of these events for the US or touch on GI-199). It's a short briefing, so everything would be at a very high level. Obviously, once we have feedback from NRR we'll have a better idea where to head with this...

Kevin

From: Dion, Jeanne

Sent: Wednesday, March 16, 2011 6:43 PM

To: Coe, Doug; Gibson, Kathy; Coyne, Kevin; Case, Michael; Sheron, Brian; Uhle, Jennifer

Cc: Rini, Brett; Armstrong, Kenneth

Subject: RES support for commission meeting on Monday 3/21.

NRR has requested RES to support a commission briefing on Monday 3/21. They are looking for background information, slides, key messages, talking points and possible Q&A- see the attached message. This might be a public meeting- our input will need to be fairly high level. NRR will provide more information after the EDO alignment meeting tomorrow 3/17.

Bill Borchardt's presentation, "Overview of Japanese Event and US response"

- RES to provide slides/information on "Advancing our understanding of safety and risk" (more info to come)

Mike Weber's presentation, "Situation assessment for US reactors and applicants"

- RES to provide slides/information on "Consequence Projections in Japan and what we might expect to see in the US"

Marty Virgilio's presentation, "Situation assessment for US reactors and applicants."

- RES to assist NRR as requested.

I will be in a meeting tomorrow morning (8am to noon)- Kenneth Armstrong will attend the 8:45am meeting.

Thanks,

Jeanne Dion

Technical Assistant (Acting)

U.S. Nuclear Regulatory Commission

Office of Nuclear Regulatory Research

jeanne.dion@nrc.gov

301-251-7482

From: [Layton, Michael](#)
To: [Rheaume, Cynthia](#); [Holahan, Patricia](#); [Correia, Richard](#); [Westreich, Barry](#)
Subject: RE: Additional Staff requirements outside Ops Center Long Term Staffing
Date: Wednesday, March 16, 2011 6:03:47 PM
Attachments: [RE Additional Staff requirements outside Ops Center Long Term Staffing.msg](#)
[RE Additional Staff requirements outside Ops Center Long Term Staffing.msg](#)
[RE Additional Staff requirements outside Ops Center Long Term Staffing.msg](#)

Here's three. In addition, Tim Harris, Doug Huyck, and Craig Erlanger have already contacted Ops Center staff and are engaged.

MCL

From: Rheaume, Cynthia
Sent: Wednesday, March 16, 2011 5:18 PM
To: Holahan, Patricia; Layton, Michael; Correia, Richard; Westreich, Barry
Subject: RE: Additional Staff requirements outside Ops Center Long Term Staffing

All – I have no responses to this yet. How about...I will assume a negative response unless I hear back from you in the next ½ hour?

Cynthia Rheaume
Director, Program Management, Policy
Development and Analysis
Nuclear Security and Incident Response
(301)415-6538
Cynthia.Rheaume@nrc.gov



From: Rheaume, Cynthia
Sent: Wednesday, March 16, 2011 10:45 AM
To: Holahan, Patricia; Layton, Michael; Correia, Richard; Westreich, Barry
Subject: RE: Additional Staff requirements outside Ops Center Long Term Staffing

All - Do we have anyone who would fit the bill?

Cynthia Rheaume
Director, Program Management, Policy
Development and Analysis
Nuclear Security and Incident Response
(301)415-6538
Cynthia.Rheaume@nrc.gov



From: Evans, Michele
Sent: Wednesday, March 16, 2011 9:38 AM
To: Abraham, Susan; Rheaume, Cynthia

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Cc: Holahan, Patricia; Correia, Richard; Layton, Michael; Westreich, Barry
Subject: FW: Additional Staff requirements outside Ops Center Long Term Staffing
Importance: High

Susan/Cyndi,

Please handle this for NSIR and respond if we have anyone. Maybe other parts of NSIR (not DPR) can help out with this request.

thanks

From: Muessle, Mary

Sent: Wednesday, March 16, 2011 9:32 AM

To: Evans, Michele; Hackett, Edwin; Brenner, Eliot; Schmidt, Rebecca; Powell, Amy; Droggitis, Spiros; Doane, Margaret; Mamish, Nader; Dyer, Jim; Brown, Milton; Greene, Kathryn; Stewart, Sharon; Howard, Patrick; Miller, Charles; Moore, Scott; Cohen, Miriam; Tracy, Glenn; Haney, Catherine; Dorman, Dan; Johnson, Michael; Holahan, Gary; Leeds, Eric; Boger, Bruce; Grobe, Jack; Zimmerman, Roy; Campbell, Andy; Sheron, Brian; Uhle, Jennifer; Dean, Bill; Lew, David; McCree, Victor; Wert, Leonard; Casto, Chuck; Satorius, Mark; Pederson, Cynthia; Collins, Elmo; Howell, Art; Andersen, James; Akstulewicz, Brenda; Belmore, Nancy; Quesenberry, Jeannette; Kreuter, Jane; Armstrong, Janine; Hudson, Sharon; Ellis, Marv; Hasan, Nasreen; Ronewicz, Lynn; Schumann, Stacy; Daniels, Stanley; Casby, Marcia; Thomas, Loretta; Walker, Dwight; Sprogeris, Patricia; Schwarz, Sherry; Ross, Robin; Cohen, Shari; Riddick, Nicole; Flory, Shirley; Veltri, Debra; Matakas, Gina; ODaniell, Cynthia; Miles, Patricia; Lee, Pamela; Dubose, Sheila; Buckley, Patricia; Tomczak, Tammy; Owen, Lucy; Tannenbaum, Anita; Gusack, Barbara; Harrington, Holly; Ricketts, Paul; Howell, Linda; Higginbotham, Tina; Ross, Brenda; Boyce, Thomas (OIS); Schaeffer, James; Jackson, Donald

Cc: Williams, Shawn; Andersen, James; Ramsey, Jack

Subject: Additional Staff requirements outside Ops Center Long Term Staffing

Importance: High

OPA and OIP expect large call volumes today and in the next few weeks given expected news from Japan. OIP is looking for names of people who have desk officer or other OIP or international experience to assist them in the event that current staff cannot meet the work demands for call inquiries as well as ongoing international work. Please provide Shawn Williams and I a list of names that could serve to help OIP in this capacity and their general availability over the next week and month. It is difficult to determine the need level at this time, but as in the Op Center, it is anticipated OIP will have for an additional month. We would like the list of names by COB today.

Thanks

Mary

Mary Muessle

Assistant for Operations - Acting

Office of the Executive Director for Operations

U.S. Nuclear Regulatory Commission

301-415-1703 office

301-415-2700 fax

From: Evans, Michele

Sent: Tuesday, March 15, 2011 5:53 PM

To: Hackett, Edwin; Brenner, Eliot; Schmidt, Rebecca; Powell, Amy; Droggitis, Spiros; Doane, Margaret; Mamish, Nader; Dyer, Jim; Brown, Milton; Greene, Kathryn; Stewart, Sharon; Howard, Patrick; Miller,

Charles; Moore, Scott; Cohen, Miriam; Tracy, Glenn; Haney, Catherine; Dorman, Dan; Johnson, Michael; Holahan, Gary; Leeds, Eric; Boger, Bruce; Grobe, Jack; Zimmerman, Roy; Campbell, Andy; Sheron, Brian; Uhle, Jennifer; Dean, Bill; Lew, David; McCree, Victor; Wert, Leonard; Casto, Chuck; Satorius, Mark; Pederson, Cynthia; Collins, Elmo; Howell, Art; Muessle, Mary; Andersen, James; Akstulewicz, Brenda; Belmore, Nancy; Quesenberry, Jeannette; Kreuter, Jane; Armstrong, Janine; Hudson, Sharon; Ellis, Marv; Hasan, Nasreen; Ronewicz, Lynn; Schumann, Stacy; Daniels, Stanley; Casby, Marcia; Thomas, Loretta; Walker, Dwight; Sprogeris, Patricia; Schwarz, Sherry; Ross, Robin; Cohen, Shari; Riddick, Nicole; Flory, Shirley; Veltri, Debra; Matakas, Gina; ODaniell, Cynthia; Miles, Patricia; Lee, Pamela; Dubose, Sheila; Buckley, Patricia; Tomczak, Tammy; Owen, Lucy; Tannenbaum, Anita; Gusack, Barbara; Harrington, Holly; Ricketts, Paul; Howell, Linda; Higginbotham, Tina; Ross, Brenda; Boyce, Thomas (OIS); Schaeffer, James; Jackson, Donald

Subject: Follow-up from 4 pm teleconference on Ops Center Long Term Staffing

Everyone,

Please find attached 1) a list of current positions being staffed in the Ops Center and 2) the staff identified as available to support in Japan.

Regarding additional staff available to support in the ops center, the primary needs are for the specialized positions on the PMT and anyone with previous international experience in OIP.

Regarding support in Japan, please provide any updates/changes to the list by COB March 17. The target time frame for sending these staff members is March 27-April 9, so please consider that when considering staff to put on the list.

Thanks for your support.

Michele

Attachment RE Additional Staff requirements outside Ops C.msg (2560 Bytes) cannot be converted to PDF format.

Attachment RE Additional Staff requirements outside Ops C_1.msg (2560 Bytes) cannot be converted to PDF format.

Attachment RE Additional Staff requirements outside Ops C_2.msg (2560 Bytes) cannot be converted to PDF format.

From: [Ash, Darren](#)
To: [Virgilio, Martin](#)
Subject: Re: commission meeting outline.docx
Date: Wednesday, March 16, 2011 7:26:46 AM

Thx.

From: Virgilio, Martin
To: Ash, Darren
Sent: Wed Mar 16 07:24:01 2011
Subject: Re: commission meeting outline.docx

I would think so

From: Ash, Darren
To: Virgilio, Martin
Sent: Wed Mar 16 06:20:26 2011
Subject: RE: commission meeting outline.docx

Ok to give ADM a heads up?

From: Virgilio, Martin
Sent: Wednesday, March 16, 2011 6:19 AM
To: Ash, Darren
Subject: Re: commission meeting outline.docx

Darren

I understand. This was proposed by the Commissioners as open to demonstrate their involvement.

Marty

From: Ash, Darren
To: Virgilio, Martin
Sent: Wed Mar 16 06:09:15 2011
Subject: RE: commission meeting outline.docx

Open meeting or closed?

Reason I ask, is that if public, I would expect a large crowd, plus potentially (???) protesters

From: Virgilio, Martin
Sent: Wednesday, March 16, 2011 3:29 AM
To: Borchardt, Bill
Cc: Weber, Michael; Leeds, Eric; Dorman, Dan; Miller, Chris; Lewis, Robert; Doane, Margaret; Powell, Amy; Wiggins, Jim; Casto, Chuck; Brenner, Eliot; Muessle, Mary; Andersen, James; Wittick, Brian; Grobe, Jack; Evans, Michele; Ash, Darren
Subject: FW: commission meeting outline.docx

Bill

44/136

Last night the Chairman briefed the Commissioners on the status of the events in Japan and NRC's response. During that meeting the Commissioners suggested NRC hold a Commission meeting either this week or next on the events and the Chairman agreed to the meeting.

Attached is a draft outline for that meeting. We believe this outline could also be used as a tool for organizing a presentation for Congressional Briefings and interactions with the media. We acknowledge the ambitious nature of the outline and the fact that we might not be ready to speak to each of the issues if the Commission meeting is held this week.

Marty

From: [Virgilio, Martin](#)
To: [Borchardt, Bill](#)
Cc: [Weber, Michael](#); [Leeds, Eric](#); [Dorman, Dan](#); [Miller, Chris](#); [Lewis, Robert](#); [Doane, Margaret](#); [Powell, Amy](#); [Wiggins, Jim](#); [Casto, Chuck](#); [Brenner, Eliot](#); [Muessle, Mary](#); [Andersen, James](#); [Wittick, Brian](#); [Grobe, Jack](#); [Evans, Michele](#); [Ash, Darren](#)
Bcc: [Virgilio, Martin](#); [Virgilio, Rosetta](#)
Subject: FW: commission meeting outline.docx
Date: Wednesday, March 16, 2011 3:29:00 AM
Attachments: [commission meeting outline.docx](#)

Bill

Last night the Chairman briefed the Commissioners on the status of the events in Japan and NRC's response. During that meeting the Commissioners suggested NRC hold a Commission meeting either this week or next on the events and the Chairman agreed to the meeting.

Attached is a draft outline for that meeting. We believe this outline could also be used as a tool for organizing a presentation for Congressional Briefings and interactions with the media. We acknowledge the ambitious nature of the outline and the fact that we might not be ready to speak to each of the issues if the Commission meeting is held this week.

Marty

44/137

Commission Meeting Outline

NRC Response to Core Damage Accident in Japan

Current Status of Fukushima Daiichi

- Reactors
- Spent Fuel Pools

Consequence Projections

NRC Response Objectives

- Support of US Citizens in Japan
- Support of the Japanese Government
- Advance Our Understanding of Safety and Risk

NRC Response Actions

- In Japan
- At HQ

US Government Response

- NRC Partners and Stakeholders

Challenges to Success in the Response

- Information
- Coordination

Situation Assessment For US Reactors and Applicants (JCO)

- External Events
- Severe Accidents

Path Forward and Priorities

- Near Term Actions
 - In Support of Response
- Longer Term Actions
 - Lessons Learned From this Event
 - Resolution of GSI 19

From: USATODAY.com
To: [Virgilio, Martin](#)
Subject: Daily Briefing from USATODAY.com - March 16
Date: Wednesday, March 16, 2011 7:37:22 AM

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7950 Jones Branch Drive, McLean, VA 22108

From: [Shapiro, Nicholas S.](#)
To: [Miller, Chris](#); [Brennan, John O.](#); [Jaczko, Gregory](#); "[Daniel.Poneman@hq.doe.gov](#)"; [Holdren, John P.](#); "[roosj@state.gov](#)"; "[SteinbergJB@state.gov](#)"; [McDonough, Denis R.](#); [Avery, Heidi E.](#); [Reed, Richard A.](#); [Kern, Dab](#); "[HammerMA@state.gov](#)"
Cc: [Weber, Michael](#); [Virgilio, Martin](#); [Borchardt, Bill](#); [McDermott, Brian](#); [Mamish, Nader](#)
Subject: Re: 4 points on protecting us personnel and actions needed for Dai-ihl reactors
Date: Wednesday, March 16, 2011 7:54:10 AM

Adding hammer

----- Original Message -----

From: Miller, Chris <Chris.Miller@nrc.gov>
To: Miller, Chris <Chris.Miller@nrc.gov>; Brennan, John O.; Jaczko, Gregory <Gregory.Jaczko@nrc.gov>; 'Daniel.Poneman@hq.doe.gov' <Daniel.Poneman@hq.doe.gov>; Holdren, John P.; 'roosj@state.gov' <roosj@state.gov>; 'SteinbergJB@state.gov' <SteinbergJB@state.gov>; McDonough, Denis R.; Avery, Heidi E.; Reed, Richard A.; Kern, Dab; Shapiro, Nicholas S.
Cc: Weber, Michael <Michael.Weber@nrc.gov>; Virgilio, Martin <Martin.Virgilio@nrc.gov>; Borchardt, Bill <Bill.Borchardt@nrc.gov>; McDermott, Brian <Brian.McDermott@nrc.gov>; Mamish, Nader <Nader.Mamish@nrc.gov>; Miller, Chris <Chris.Miller@nrc.gov>
Sent: Wed Mar 16 07:28:37 2011
Subject: 4 points on protecting us personnel and actions needed for Dai-ihl reactors

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From: [NYTimes.com](http://www.nytimes.com)
To: [Virgilio, Martin](#)
Subject: Today's Headlines: Last Defense at Troubled Reactors: 50 Japanese Workers
Date: Wednesday, March 16, 2011 4:40:56 AM

If you have trouble reading this e-mail, go to: <http://www.nytimes.com/indexes/2011/03/16/todayshadlines/index.html>



Today's Headlines

March 16, 2011

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TOP NEWS

Last Defense at Troubled Reactors: 50 Japanese Workers

By KEITH BRADSHER and HIROKO TABUCHI

A small crew of technicians, braving radiation and fire, became perhaps Japan's last chance of preventing a broader nuclear catastrophe.



 [Experts Had Long Criticized Potential Weakness in Design of Stricken Reactor](#)

 [Wind and Rain Steer Radiation's Reach](#)

 [Precautions Should Limit Health Problems From Nuclear Plant's Radiation](#)

Libyan Forces Rout Rebels as West's Effort for No-Flight Zone Stalls

By ANTHONY SHADID

Forces loyal to Col. Muammar el-Qaddafi routed insurgents in Ajdabiya, their last defensive line before the rebel capital of Benghazi.

 [Security Council Uncertain About Intervening in Libya](#)

 [G-8 Ministers Fail to Agree on Libya No-Flight Zone](#)

 [Video: Rebels Retreat](#)

 [Photographs: Scenes From Libya](#)

Certainties of Modern Life Upended in Japan

By KEN BELSON

Tokyo residents are learning that things they have taken for granted can quickly slip beyond their reach.

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QUOTATION OF THE DAY

"We're all ready to die for him. He's done so much for us, after all."

ELHADJ MAIGA, who is recruiting young men in Mali to fight for Col. Muammar el-Qaddafi, the Libyan leader.

WORLD

A Year at War |

War Dogs

American soldiers and Afghan dogs are drawn to each other. But the human-canine relationships do not always end well away from the main base.



OPINION

OPINIONATOR

Some Animals Are More Equal Than Others

By MARK BITTMAN

Why do we protect pets more than farm animals?



WORLD

Japan Says 2nd Reactor May Have Ruptured With Radioactive Release

By HIROKO TABUCHI and KEITH BRADSHER

Japan's nuclear crisis intensified again Wednesday as authorities lacked a clear picture of whether one of the reactors was still on fire.



Videos About Japan's Nuclear Crisis



Japan's Government Likely to Bear Much of the Loss

In Remote Towns, Survivors Tell of a Wave's Power

By MARTIN FACKLER and MICHAEL WINES

In coastal towns, mountains and deep inlets amplified the power of the tsunami.



Overwhelmed by Toll, Coastal Town Shifts Focus to Survivors



A Charitable Rush, With Little Direction

World Markets Dive as Investors Retreat to Safety

By GRAHAM BOWLEY

Japan's nuclear disaster, the latest blow to the global growth prospects, led to heavy selling in equities.



Economix: Gauging Disaster's Toll on an Economy



Global Energy Companies React to Japan's Nuclear Crisis

U.S.

Ohio Town Sees Public Job as Only Route to Middle Class

By SABRINA TAVERNISE

Public sector jobs in southeast Ohio, with benefits and good wages, are considered plum by the workers who hold them, but ripe for cutting by state lawmakers.



Slide Show: Decades of Decline



Ohio Governor's Budget Seeks to Limit Union Influence

U.S. Urged to Raise Teachers' Status

By SAM DILLON

An international education study says the United States must improve the way it recruits, trains and pays teachers.

Loan Study on Students Goes Beyond Default Rates

By TAMAR LEWIN

A nonprofit policy group tried to give a broader picture of students struggling with debt.

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BUSINESS

DEALBOOK

Freddie Mac's Former Chief May Face S.E.C. Action

By BEN PROTESS and AZAM AHMED

Fannie Mae and Freddie Mac executives may face S.E.C. civil actions, but no criminal charges have been made.

Japan's Government Likely to Bear Much of the Loss

By MARY WILLIAMS WALSH

The losses in Japan as a result of the earthquake and resulting tsunami are expected to exceed \$100 billion and fall most heavily on the government.

Japanese Stocks Rebound After Big Sell-Off

By BETTINA WASSENER

The Nikkei jumped as investors decided that a dramatic decline the previous day presented buying opportunities.

• [More Business News »](#)

SPORTS

Star's Heart Condition Keeps L.I.U. on Edge

By KATIE THOMAS

Stories of athletes felled by malformed hearts make for a haunting backdrop for Long Island University forward Julian Boyd.

Feel Locked Out? Nothing to Tackle? Well, Try Opera

By KAREN CROUSE

Before Lawrence Harris became a booming baritone, he was a brawny lineman with the N.F.L.'s Houston Oilers.



Players Contemplating Draft Boycott Options

Focal Point of Players' Lawsuit Is Lifting the Lockout

By JUDY BATTISTA

The urgency to return to the negotiating table could hinge on the ruling of an injunction request filed by the players as part a class-action suit against the N.F.L.

[• More Sports News »](#)

ARTS

CRITIC'S NOTEBOOK

From Cee Lo Green to Pink, Speaking the Unspeakable

By JON PARELES

With so-called forbidden words becoming standard in pop songs, singers and radio stations play cat-and-mouse with the rules.

This Museum Has a Lived-In Look

By RANDY KENNEDY

As the White House curator, William G. Allman works hard to keep a low profile as he tends to the art and antiques.



Slide Show: The White House Collection

In Austin, Music Lovers Get Parallel Universes

By BEN SISARIO

Amid the excitement of the South by Southwest music festival, the Fader Fort has grown into a loud (if unofficial) player.



Slide Show: Monday Night at South by Southwest

[• More Arts News »](#)

DINING & WINE

D.I.Y. Cooking Handbook

By JULIA MOSKIN

A do-it-yourself starter kit of simple kitchen projects that anyone can tackle.

RESTAURANT REVIEW | VERITAS

Living Up to Its Cellar

By SAM SIFTON

A reopened restaurant offers a tightly focused, extremely flavorful and somewhat less expensive à la carte menu of aggressively American cooking.



Slide Show on Diner's Journal | [Post a Comment](#)



The Scoop App: Download for More Dining Recommendations

The Sorcerer of Shaken and Stirred

By JEFF GORDINIER

Alex Ott sees himself as much more than a bartender, and when he talks about making a drinker feel good, he doesn't just mean lightheaded and loose-limbed.



Video: In the Cocktail Laboratory

[• More Dining & Wine »](#)

EDITORIALS

EDITORIAL

Government by the Week

There is chaos throughout the federal government because Congress has forced agencies to operate on a week-by-week basis.

EDITORIAL

Gen. Petraeus Reports

We need to hear more about the strategy for holding cleared areas of Afghanistan and about plans for building up a minimally competent Afghan government.

EDITORIAL

The Court's Recusal Problem

The Supreme Court's refusal to address its recusal policy damages the justices' credibility and authority.

EDITORIAL

Forest Rules

There has been good news recently for America's national forests, and some that could have been better.

• [More Opinion »](#)

OP-ED

OP-ED CONTRIBUTOR

The Haitian Lazarus

By AMY WILENTZ

At a fragile moment, former President Jean-Bertrand Aristide returns from exile - again.

OP-ED COLUMNIST

Avenging Altar Boy

By MAUREEN DOWD

The Philadelphia D.A., who once cleaned up the rectory, continues to clean up his church.



Columnist Page

OP-ED CONTRIBUTOR

In Japan, No Time Yet for Grief

By KAZUMI SAEKI

A novelist in Sendai recalls the big earthquake and his discovery of the horrifying damage it caused.

• [More Opinion »](#)

ON THIS DAY

On March 16, 1968, during the Vietnam War, the My Lai Massacre was carried out by United States troops under the command of Lt. William L. Calley Jr.

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- White House calls for stricter copyright laws, greater enforcement authority
- Successor to virtual border fence faulted by auditor
- GSA's wiki platform is improving efficiency and performance, senior official says
- Defense blocks access to 13 websites to conserve bandwidth for Japan operations
- Despite power outage, key U.S. air base in Japan supports rescue operations
- U.S. supercomputer experts assess radiation risks amid crisis at Japanese nuclear facility
- Military units supporting relief operations in Japan face bandwidth shortages
- Widespread errors hinder Obama administration's open government initiative
- Privacy issues tarnish Google's Washington image

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ARTICLES

▪ **New FBI system to use hands, faces, irises, in addition to 70 million fingerprints to ID suspects**

BY WILLIAM MATTHEWS

If you get stopped by the police in Houston, it will take them just 16 seconds to compare your fingerprints to the 2 million that are in a database of terrorists, sex offenders, criminals with outstanding arrest warrants and others.

Full story: http://www.nextgov.com/nextgov/ng_20110315_9026.php?oref=rss?zone=NGtoday

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▪ **White House calls for stricter copyright laws, greater enforcement authority**

BY JOSH SMITH, NATIONAL JOURNAL

The Obama Administration is calling for greater law enforcement authority and tougher penalties, including prison in some cases, for people convicted of copyright infringement.

Full story: http://www.nextgov.com/nextgov/ng_20110315_4128.php?oref=rss?zone=NGtoday

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Relational Database Technology is Over 30 Years Old, and It Shows

RDBMS were never made for blogs, web pages, PDFs, or tweets. This paper makes a compelling and undeniable case for taking the next step — the step beyond relational models where precious time is wasted forcing information into rigid columns and rows. Download *Beyond Relational: Designing and Deploying Applications for Mission Success Today*, and learn how MarkLogic is helping agencies exploit unstructured information. [Click here!](#)

▪ **Successor to virtual border fence faulted by auditor**

BY ALIYA STERNSTEIN

The Homeland Security Department has provided no evidence that a new plan to intertwine surveillance technologies across the nation's southern border will be more practical and cost-efficient than the failed \$1.5 billion virtual fence the project is supposed to replace, a federal auditor said on Tuesday.

Full story: http://www.nextgov.com/nextgov/ng_20110315_9810.php?oref=rss?zone=NGtoday

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▪ **GSA's wiki platform is improving efficiency and performance, senior official says**

BY GEORGE A. WARNER

Government transparency efforts should focus more on improving performance management, an Office of Management and Budget official said Tuesday.

Full story: http://www.nextgov.com/nextgov/ng_20110315_1321.php?oref=rss?zone=NGtoday

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Defense blocks access to 13 websites to conserve bandwidth for Japan operations

BY BOB BREWIN

U.S. Cyber Command has blocked access to 13 commercial websites from Defense Department networks to conserve bandwidth needed to support relief operations in Japan.

Full story: http://www.nextgov.com/nextgov/ng_20110315_6342.php?oref=rss?zone=NGtoday

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▪ **Despite power outage, key U.S. air base in Japan supports rescue operations**

BY BOB BREWIN

With limited power and communications capability in frigid temperatures, Misawa Air Base in northeast Japan has been serving as the hub for search-and-rescue teams that arrived Sunday.

Full story: http://www.nextgov.com/nextgov/ng_20110314_7198.php?oref=rss?zone=NGtoday

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▪ **U.S. supercomputer experts assess radiation risks amid crisis at Japanese nuclear facility**

BY ALIYA STERNSTEIN

The U.S. agency charged with protecting America's nuclear weapons has deployed a team of stateside supercomputer experts to gauge the radiation risks posed by the nuclear crisis in Japan.

Full story: http://www.nextgov.com/nextgov/ng_20110314_3634.php?oref=rss?zone=NGtoday

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▪ **Military units supporting relief operations in Japan face bandwidth shortages**

BY BOB BREWIN

Defense Department relief operations in Japan range from the simple -- sailors picking up debris in a fishing village -- to the sophisticated -- troops conducting aerial surveillance over the country using an Air Force unmanned Global Hawk aircraft based in Guam.

Full story: http://www.nextgov.com/nextgov/ng_20110314_9111.php?oref=rss?zone=NGtoday

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▪ **Widespread errors hinder Obama administration's open government initiative**

BY WILLIAM MATTHEWS

There are two sides to the Obama administration's push for open government:

Full story: http://www.nextgov.com/nextgov/ng_20110314_5330.php?oref=rss?zone=NGtoday

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▪ **Privacy issues tarnish Google's Washington image**

BY DAVID HATCH, NATIONAL JOURNAL

Reps. Edward Markey, D-Mass., and Joe Barton, R-Texas, cochairmen of the Bipartisan Privacy Caucus and longtime members of the House Energy and Commerce Committee, don't agree on much. But after Google was caught last month collecting Social Security information from children who took part in its annual doodling contest, the lawmakers set aside their differences. In a scathing joint statement, they called the action "unacceptable."

Full story: http://www.nextgov.com/nextgov/ng_20110314_6988.php?oref=rss?zone=NGtoday

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WHAT'S BREWIN'

Bob Brewin's Take on Defense Information Technology

- **GAO to Navy: Rethink \$50B NGEN**

BY BOB BREWIN | 3/15/11 | 3:55 P.M. ET

I've been so busy with earthquake coverage that I've neglected the boilerplate of my beat, which includes reading GAO reports -- a tough job, but someone has to do it.

Read More: http://whatsbrewin.nextgov.com/2011/03/gao_to_navy_rethink_50b_ngen.php

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TECH INSIDER

An Expert Blog on the State of Federal Technology

- **Cost of Earthquake Being Tabulated With Federal News Feeds**

BY ALIYA STERNSTEIN | 3/11/11 | 6:39 P.M. ET

Insurance companies are preparing for the economic fallout of the tsunami rippling through the Pacific by generating risk models based on ground motion data feeds from the U.S. Geological Survey.

Read More:

http://techinsider.nextgov.com/2011/03/cost_of_earthquake_being_tabulated_with_federal_news_feeds.php

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WIRED WORKPLACE

A Look at Issues Facing Federal IT Workers

- **CIOs Face Skills Gaps**

BY BRITTANY BALLENSTEDT | 3/15/11 | 1:41 P.M. ET

Chief information officers are seeing some gaping holes in the competencies of their IT staffs, in part thanks to rapidly changing technology, according to a new survey by *CIO* magazine and the MIT Center for Information Systems Research.

Read More: http://wiredworkplace.nextgov.com/2011/03/cios_need_new_it_skills.php

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CYBERSECURITY REPORT

Updates on the battle to protect data and systems

- **Cybersecurity and Public-Private Partnerships**

BY JESSICA HERRERA-FLANIGAN | 3/15/11 | 5:30 P.M. ET

A coalition of information technology and civil liberties organizations released a joint white paper last week on improving cybersecurity through public-private partnerships. The report is an interesting synthesis of the priorities and concerns of a very broad coalition, and worth reviewing. Larry Clinton, the President and Chief Executive Officer of the Internet Security Alliance, played a central role in the study and took time to answer a few brief questions.

Read More: http://cybersecurityreport.nextgov.com/2011/03/qa_with_isa_ceo_larry_clinton_public-private_partnership.php

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HEALTH IT UPDATE

The latest developments in the e-health world

- **Report: EHRs Don't Come Cheap**

BY JOHN PULLEY | 3/14/11 | 3:53 P.M. ET

A five-physician primary-care practice can expect to spend about \$233,000 to implement electronic health records, including \$85,500 in maintenance expenses in the first year, a new federally financed academic study found.

Read More: http://healthitupdate.nextgov.com/2011/03/ehrs_dont_come_cheap_report.php

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Crisis in Japan



■ **Japan reports possible breach at Fukushima Daiichi reactor**

A containment vessel in one of the reactors of the Fukushima Daiichi nuclear plant may have been breached and seemed to be emitting radioactive steam, Japanese authorities said today. Meanwhile, increasing radiation readings prompted some of the plant's remaining employees to briefly withdraw. Fire was reported at the fourth unit today, just hours after officials announced that Tuesday's blaze was extinguished. [Reuters](#) (3/16), [The New York Times](#) ([free registration](#)) (3/15)

■ **Stay up to date on the facts about the situation in Japan:**

- Read [NEI's regular updates](#).
- Follow [@N E I](#) on Twitter.

■ **Obama: U.S. nuclear facilities are safe**

U.S. nuclear facilities are designed to handle natural disasters and are closely monitored by regulators, President Barack Obama said. "I think it is very important to make sure that we are doing everything we can to insure the safety and effectiveness of the nuclear facilities that we have," Obama said in an interview. "I've already instructed our nuclear regulatory agency to make sure that we take lessons learned from what's happening in Japan and that we are constantly upgrading how we approach our nuclear safety in this country," he added.

[The Washington Post/The Associated Press](#) (3/15)

■ **NEI: U.S. reactors are built to handle natural disasters**

U.S. nuclear facilities are designed to withstand natural disasters such as earthquakes and tsunamis, said Tony Pietrangelo, chief nuclear officer at the Nuclear Energy Institute. Such plants undergo rigorous studies to secure and preserve licenses, Pietrangelo added, and the Japanese reactor crisis isn't expected to affect U.S. projects. [The Wall Street Journal/Dow](#)

[Jones Newswires](#) (3/15)

■ **U.S. nuclear projects must proceed, Chu says**

Despite the nuclear crisis in Japan, U.S. regulators should allow construction licenses for new reactor projects, Energy Secretary Steven Chu said. The disaster in Japan offers lessons but shouldn't be a reason to suspend U.S. expansion, Chu said. "The American people should have full confidence that the United States has rigorous safety regulations in place to ensure that our nuclear power is generated safely and responsibly," he added. [Reuters](#) (3/15), [The Politico](#) ([Washington, D.C.](#)) (3/15)

■ **Salazar: Nuclear power still part of U.S. energy mix**

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Nuclear power is still part of the country's energy mix, Interior Secretary Ken Salazar said during a teleconference in Oklahoma. "The huge presence of oil and gas companies is part of what powers our American economy, but we have also said from the beginning that nuclear energy is part of our portfolio," Salazar said. [KOCO-TV \(Oklahoma City\)](#) (3/15)

- **Industry groups discuss Japan crisis with lawmakers**

Industry groups are doing their best to update lawmakers on the nuclear crisis in Japan and its implications for the U.S. nuclear sector, according to the Nuclear Energy Institute. "We're trying to make sure people understand exactly what's occurring -- understand the context under which they're going to be making decisions in the future about the way in which the Congress wants to treat nuclear energy," said Alex Flint, an NEI lobbyist. [CNN](#) (3/15)

- **Other News**

- **NEI's Kauffman: Japan situation more severe than Three Mile Island incident**

National Public Radio (text and audio) (3/15)

- **2011 planning for social media made simpler**

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- **News Roundup**



- **NRC temporarily delays issuing license extension for Vermont Yankee**

The Nuclear Regulatory Commission will delay the license renewal for Entergy's Vermont Yankee plant as the agency addresses the crisis in Japan. The NRC has sent personnel to help Japan's response efforts. Entergy was expected to secure the documents this week. [Boston Herald/The Associated Press](#) (3/15)

- **Duke Energy requests approval to spend \$459M for S.C. nuclear project**

Duke Energy is seeking clearance from the North Carolina Utilities Commission to spend as much as \$459 million in preparation for an \$11 billion nuclear facility in South Carolina. Duke said it would abandon the project unless North Carolina amends its laws to allow the utility to charge customers for certain development costs. [WCBT-TV \(Charleston, S.C.\)/The Associated Press](#) (3/15)

- **Ameren, supporters to continue push for new Mo. nuclear plant**

Missouri lawmakers and Ameren Missouri intend to develop a second nuclear plant in Callaway County despite the reactor crisis in Japan. They said they will continue to pursue legislation allowing the utility to recoup building costs from its customers. Ameren has safety protocols for handling emergency situations, said Rick Eastman, business-operations supervisor. [Columbia Missourian](#) (3/15)

- **SCE&G officials tout safe design of nuclear plants**

South Carolina Electric & Gas' nuclear plant and two planned facilities in South Carolina are more capable of handling natural disasters than the ones that were damaged in Japan, company officials said. "A tragedy such as we're seeing in Japan right now is not only highly unlikely here, but the plant that we have and the plants that we are in the process of building are of a substantially safer design," said Bill Timmerman, chairman and CEO of SCANA, the parent company of SCE&G. [Bloomberg Businessweek/The Associated Press](#) (3/15)

- **Other News**

- **Japan crisis could dim prospects for Texas nuclear project**

Houston Chronicle (3/14)



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Policy Watch

▪ **NRC is urged to fast-track studies on reactor safety**

The Nuclear Regulatory Commission should move quickly on studying whether the country's reactors have adequate safety measures, said Sen. Jeff Bingaman, D-N.M. "I hope that the commission will quickly reach some conclusions about whether the safety precautions and provisions that it has insisted on are adequate for the future," Bingaman said. [The Hill/E2 Wire blog](#) (3/15)

▪ **Lawmakers seek more info on the durability of U.S. reactors**

The Nuclear Regulatory Commission should provide further input on the capability of the country's nuclear plants to withstand natural disasters, said Reps. Edward Markey, D-Mass., and Lois Capps, D-Calif. The facilities may be unable to sustain an event like the earthquake and tsunami "that has crippled several reactors in Japan, and caused a [partial] meltdown and the release of the highly radioactive materials within them," the lawmakers wrote in a letter to NRC Chairman Gregory Jaczko. [The Hill/E2 Wire blog](#) (3/15)

Management & Leadership

▪ **Learn from NASA to put a rocket under your innovation programs**

NASA used to be one of America's most exciting drivers of innovation, but these days the agency is drifting into irrelevance, Jeffrey Phillips writes. That's largely due to its lack of a clear vision. Many terrestrial businesses face similar problems, Phillips writes, and should set vivid "moon shot"-style goals to spur their innovators to new heights. [Innovate on Purpose](#) (3/11)

▪ **All you need is grit, researchers say**

The world's most successful people aren't necessarily the smartest or those with the most raw talent, researchers say. Instead, the people who rise to the top of their profession are those with "grit" -- the determination to keep slogging away while everyone around them quits.

[Wired.com/The Frontal Cortex blog](#) (3/14)

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- [Facebook Likes and Shares: What They Mean for Your Website](#) TIMOTHY MCCUE
- [5 Ways to Earn More Every Week](#) Elaine Pofeldt
- [How a Tiny Company Created a Global Marketplace](#) Shel Israel
- [The Pros and Cons of Tumblr for Small Business](#) Brenna Ehrlich

Editor's Note

▪ **How are you helping relief efforts in Japan?**

If you or your company, organization or group want to help the Japanese people recover from last week's earthquake and tsunami but aren't sure how to do so, InterAction provides options. An alliance of U.S.-based international nongovernmental aid organizations, InterAction has compiled [a list of groups](#) that are accepting private, corporate and group donations, along with some guidelines for the most appropriate ways to help. --Rick

Stamberger, CEO of SmartBrief

What is your organization doing to help? [Share your story with us.](#)

SmartQuote 



Our fathers had their dreams; we have ours; the generation that follows will have its own. Without dreams and phantoms man cannot exist."

**--Olive Schreiner,
South African author**



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Greenwire



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1. **AIR POLLUTION:** EPA proposes toxic emissions rules for power plants

After two decades of delays and false starts, U.S. EPA unveiled a plan today to require coal- and oil-fired power plants to reduce emissions of mercury and 83 other toxics by 2016. The proposed rules would limit the amount of toxic pollution that can be released into the air for every unit of electricity that is generated. In total, the plan would reduce mercury and acid gas emissions from the U.S. power sector by 91 percent while cutting soot-forming sulfur dioxide (SO₂) pollution by 53 percent, the agency said today.

TOP STORIES

2. **NUCLEAR CRISIS:** Japan disaster sparks message battle in Washington
3. **OFFSHORE DRILLING:** Pair of bills from GOP, Dems seek to spur production
4. **CLIMATE:** Inhofe vows to keep pushing if anti-EPA amendment fails today

JAPAN EARTHQUAKE

5. **NUCLEAR CRISIS:** Military scraps cooling plan amid possible new rupture
6. **NUCLEAR CRISIS:** Obama admin maintains its support for nuclear power
7. **NUCLEAR POWER:** NRC puts hold on Vermont Yankee license extension
8. **NOAA:** House bill would put tsunami center in Puerto Rico
9. **EPA:** More radiation monitors to be deployed in the West
10. **CHINA:** Beijing freezes nuclear approvals
11. **INTERNATIONAL:** Europe will conduct stress tests on plants; Venezuela halts nuclear plans
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13. **ENDANGERED SPECIES:** Tsunami killed thousands of birds at Pacific

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14. **JAPAN:** Government to foot most of bill for damages
15. **PUBLIC HEALTH:** Precautions likely to stave off radiation effects
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Napolitano

CONGRESS

17. **POLITICS:** House Republicans stick to jobs theme
18. **BUDGET:** Byrd's legacy invoked as Senate panel considers line-item veto

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19. **CALIFORNIA:** GOP lawmakers want enviro laws changed in exchange
for budget votes

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incentives
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LAW AND LOBBYING

24. **AIR POLLUTION:** Cement industry keeps up fight against EPA rules
25. **COAL:** Trial begins in suit alleging Massey coal dust in school

AIR AND WATER

26. **AIR POLLUTION:** Federal judge dismisses clean air suit against
Alabama Power
27. **AIR POLLUTION:** TVA to pay \$450K for violations at Ala. plant

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To: Ash, Darren; Barkley, Richard; Batkin, Joshua; Bell, Hubert; Belmore, Nancy; Bergman, Thomas; Bollwerk, Paul; Bonaccorso, Amy; Borchardt, Bill; Bozin, Sunny; Brenner, Eliot; Brock, Terry; Brown, Boris; Bubar, Patrice; Burnell, Scott; Burns, Stephen; Carpenter, Cynthia; Chandrathil, Prema; Clark, Theresa; Collins, Elmo; Couret, Ivonne; Crawford, Carrie; Cutler, Iris; Dacus, Eugene; Dapas, Marc; Davis, Roger; Dean, Bill; Decker, David; Dricks, Victor; Droggitis, Spiros; Flory, Shirley; Franovich, Mike; Gibbs, Catina; Hanev, Catherine; Hannah, Roger; Harbuck, Craig; Harrington, Holly; Hasan, Nasreen; Hayden, Elizabeth; Holahan, Gary; Holahan, Patricia; Holian, Brian; Jacobssen, Patricia; Jaczko, Gregory; Jasinski, Robert; Jenkins, Verlyn; Johnson, Michael; Jones, Andrea; Kock, Andrea; Kotzalas, Margie; Ledford, Joey; Lee, Samson; Leeds, Eric; Lepré, Janet; Lew, David; Lewis, Antoinette; Loyd, Susan; Magwood, William; McCrary, Cheryl; McGrady-Finneran, Patricia; McIntyre, David; Mensah, Tanya; Mitlyng, Viktoria; Monninger, John; Montes, David; Nieh, Ho; Ordaz, Vonna; Ostendorff, William; Owen, Lucy; Powell, Amy; Quesenberry, Jeannette; Reddick, Darani; Regan, Christopher; Reyes, Luis; Riddick, Nicole; RidsSecyMailCenter Resource; Riley (OCA), Timothy; Rohrer, Shirley; Samuel, Olive; Satorius, Mark; Schaaf, Robert; Schmidt, Rebecca; Scott, Catherine; Screnci, Diane; Shaffer, Vered; Shane, Raeann; Sharkey, Jeffry; Sheehan, Neil; Sheron, Brian; Siurano-Perez, Osiris; Steger (Tucci), Christine; Svinicki, Kristine; Tabatabai, Omid; Tannenbaum, Anita; Taylor, Renee; Temp, WDM; Thomas, Ann; Uhle, Jennifer; Uselding, Lara; Vietti-Cook, Annette; Virgilio, Martin; Virgilio, Rosetta; Walker-Smith, Antoinette; Weaver, Doug; Weber, Michael; Weil, Jenny; Werner, Greg; Wiggins, Jim; Williams, Evelyn; Zimmerman, Roy; Zorn, Jason
Subject: Press Release: NRC Provides Protective Action Recommendations Based on U.S. Guidelines
Date: Wednesday, March 16, 2011 1:55:28 PM
Attachments: 11-050.pdf

For immediate release.

Office of Public Affairs
US Nuclear Regulatory Commission
301-415-8200
opa.resource@nrc.gov

44/145



NRC NEWS

U.S. NUCLEAR REGULATORY COMMISSION

Office of Public Affairs Telephone: 301/415-8200

Washington, D.C. 20555-0001

E-mail: opa.resource@nrc.gov Site: www.nrc.gov

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No. 11-050

March 16, 2011

NRC PROVIDES PROTECTIVE ACTION RECOMMENDATIONS BASED ON U.S. GUIDELINES

Under the guidelines for public safety that would be used in the United States under similar circumstances, the NRC believes it is appropriate for U.S. residents within 50 miles of the Fukushima reactors to evacuate.

Among other things, in the United States protective actions recommendations are implemented when projected doses could exceed 1 rem to the body or 5 rem to the thyroid. A rem is a measure of radiation dose. The average American is exposed to approximately 620 millirems, or 0.62 rem, of radiation each year from natural and manmade sources.

In making protective action recommendations, the NRC takes into account a variety of factors that include weather, wind direction and speed, and the status of the problem at the reactors.

Attached are the results of two sets of computer calculations used to support the NRC recommendations.

In response to nuclear emergencies, the NRC works with other U.S. agencies to monitor radioactive releases and predict their path. All the available information continues to indicate Hawaii, Alaska, the U.S. Territories and the U.S. West Coast are not expected to experience any harmful levels of radioactivity.

###

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From: [Virgilio, Martin](#)
To: [Virgilio, Rosetta](#)
Subject: FW: Chambersburg Public Opinion: Retired engineer in Greencastle says Japan's nuclear plant poses little threat to Franklin County
Date: Wednesday, March 16, 2011 11:24:00 PM

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From: OST05 Hoc
Sent: Wednesday, March 16, 2011 2:02 PM
To: LIA12 Hoc
Subject: FW: Chambersburg Public Opinion: Retired engineer in Greencastle says Japan's nuclear plant poses little threat to Franklin County

FYI

From: Kenneth.wierman@dhs.gov [<mailto:Kenneth.wierman@dhs.gov>]
Sent: Wednesday, March 16, 2011 2:03 PM
To: OST05 Hoc
Subject: Chambersburg Public Opinion: Retired engineer in Greencastle says Japan's nuclear plant poses little threat to Franklin County

This article link was mailed to you by: Kenneth.wierman@dhs.gov *

I thought you might find this article of interest.

[Retired engineer in Greencastle says Japan's nuclear plant poses little threat to Franklin County - Public Opinion Online](#)

By ROSCOE BARNES III Staff writer GREENCASTLE -- In light of the nuclear power plant crisis in Japan, it wouldn't be a bad idea to have the milk in this area tested for radiation, according to a retired engineer who served on the Nuclear Regulatory Commission. [View Full Story](#)

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From: OST05 Hoc
To: LIA12 Hoc
Subject: RE: Chambersburg Public Opinion: Retired engineer in Greencastle says Japan's nuclear plant poses little threat to Franklin County
Date: Wednesday, March 16, 2011 2:06:42 PM

NOTE ATTACHED (NRC seal in background?!)

From: Kenneth.wierman@dhs.gov [mailto:Kenneth.wierman@dhs.gov]
Sent: Wednesday, March 16, 2011 2:03 PM
To: OST05 Hoc
Subject: Chambersburg Public Opinion: Retired engineer in Greencastle says Japan's nuclear plant poses little threat to Franklin County

This article link was mailed to you by: Kenneth.wierman@dhs.gov *

I thought you might find this article of interest.

[Retired engineer in Greencastle says Japan's nuclear plant poses little threat to Franklin County - Public Opinion Online](#)

By ROSCOE BARNES III Staff writer GREENCASTLE -- In light of the nuclear power plant crisis in Japan, it wouldn't be a bad idea to have the milk in this area tested for radiation, according to a retired engineer who served on the Nuclear Regulatory Commission. [View Full Story](#)

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To: [Virgilio, Martin](#)
Subject: March 16 -- E&ENews PM is ready
Date: Wednesday, March 16, 2011 5:08:34 PM

E&ENews PM



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E&ENEWS PM -- WED., MARCH 16, 2011 -- [Read the full edition](#)

1. **NUCLEAR CRISIS:** Radiation levels 'extremely high' at Fukushima plant -- NRC chairman

The Nuclear Regulatory Commission chairman painted a grim picture of the nuclear crisis at Japan's crippled Fukushima Daiichi power plant for a House subcommittee today. While conceding his agency has "limited information" about what is happening at the plant, Chairman Gregory Jaczko told lawmakers the commission believes "core cooling is not safe at" Unit 2 and is concerned about falling water levels in the spent fuel pool. At Unit 3, he said, the spent fuel "integrity has been compromised." And at Unit 4, the situation was more dangerous following a hydrogen explosion, Jaczko told the Energy and Power Subcommittee.

THIS AFTERNOON'S STORIES

2. **NUCLEAR CRISIS:** U.S. urges Americans near Japan plant to evacuate
3. **CLIMATE:** Senate Dems still mulling a way forward on EPA amendments
4. **CLIMATE:** Issa throws more dirt on cap and trade's grave
5. **OCEANS:** Navy sonar may still be too high for whales -- study
6. **PESTICIDES:** House panel approves bill to bar EPA double-permitting
7. **FISHERIES:** Court upholds U.S. scallop management plan
8. **AUTOS:** Two-thirds of Americans favor higher fuel standards -- report
9. **WATER POLLUTION:** Groundwater in Calif. farm belt tainted by fertilizer, animal wastes -- report

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From: [Weber, Michael](#)
To: [LIA05 Hoc](#)
Cc: [Leeds, Eric](#); [McDermott, Brian](#); [Wiggins, Jim](#); [Evans, Michele](#); [Virgilio, Martin](#); [Burnell, Scott](#); [McIntyre, David](#)
Subject: FYI - GOVERNMENT EXECUTIVE ARTICLE ON GOVERNMENT LIABILITY FOR A LARGE-SCALE NUCLEAR EMERGENCY
Date: Wednesday, March 16, 2011 6:25:48 PM

This article takes NRC to task for being a weak regulator.

A Japan-reactor repeat in the United States could cost the government dearly

By Jim Tankersley *National Journal* March 15, 2011

An American nuclear power-plant accident similar to the ongoing disaster in Japan would leave taxpayers on the hook for billions, and perhaps hundreds of billions, of dollars in health and economic damage claims, risk experts estimate.

Federal law puts most nuclear-accident liability on the shoulders of taxpayers, but regulators have not enforced safety standards vigorously enough to fully safeguard against those risks, economists Geoffrey Heal and Howard Kunreuther wrote in a 2009 [paper](#) that warned of excessive taxpayer exposure to the risks of nuclear catastrophe.

Heal, a professor at Columbia University, and Kunreuther, of the Risk Management and Decision Processes Center at the University of Pennsylvania's Wharton School of Business, acknowledge that the risks and costs of a nuclear accident in the United States are difficult to quantify. But they say that the upper-end damage estimates of a full core meltdown are almost "unimaginable."

The prospect of such an accident, while low, suddenly seems more imaginable in the wake of the simultaneous failures of three reactors at Japan's Fukushima Daiichi Nuclear Power Station, following the 8.9-scale earthquake and massive tsunami that struck the country on Friday.

Heal and Kunreuther sketch a deadly and expensive example of how bad a U.S. nuclear accident might be: A meltdown at the Indian Point nuclear-power station 25 miles north of New York City, they write, could eventually kill some 64,000 people - damage that they calculate at \$384 billion - and inflict \$50 billion to \$100 billion in economic costs. Nightmare scenarios involving lost nuclear material that ends up in terrorists' hands, or the long-term evacuation of New York City, would dramatically increase the costs.

The Price-Anderson act limits private liability for those costs to \$375 million for an individual company, plus \$12.6 billion from an industry liability pool, leaving taxpayers on the hook for the rest. That transfer of liability creates conditions for moral hazard - an incentive for an electric utility, in this case, to take on too much risk because the utility would not bear the full costs of a catastrophic event.

The Nuclear Regulatory Commission is supposed to be taxpayers' guard against that risk. But, Heal and Kunreuther write, it's far from clear that regulators have done the job adequately: "There is empirical evidence that the NRC does not aggressively pursue and penalize mismanagement of

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nuclear-power stations, and that the federal authorities are not sensitive to the increase in potential costs associated with siting near densely populated areas."

In a phone interview on Monday, Heal gave the NRC a "5 out of 10" on a regulatory rating scale and raised concerns over whether the agency had adequately prepared for the possibility of a large American earthquake shaking a nuclear facility. In California, home to two working nuclear plants, Heal said that a massive radiation release would inflict damage "in the billions and billions of dollars."

U.S. regulators must quickly learn the still-unfolding lessons from the Japanese plant failures, he said, including whether plant operators there took any safety shortcuts.

"The priority in this country now is to focus very heavily on reactors that are in a seismic zone," Heal said, adding, "The NRC is supposed to be our guarantee against moral hazard. But if the NRC isn't keeping its game up to scratch, the risk from moral hazard is tremendous."

Mike

Michael Weber
Deputy Executive Director for Materials, Waste, Research,
State, Tribal, and Compliance Programs
U.S. Nuclear Regulatory Commission

301-415-1705
Mail Stop O16E15

From: [Weber, Michael](#)
To: [Brenner, Eliot](#); [Burnell, Scott](#); [McIntyre, David](#)
Cc: [Virgilio, Martin](#); [Andersen, James](#); [Sanfilippo, Nathan](#); [Bowman, Gregory](#); [Wittick, Brian](#); [Trapp, James](#)
Subject: FYI - NBC deadline question for NRC on seismic hazard estimates
Date: Wednesday, March 16, 2011 6:34:14 PM

From: Sheron, Brian
Sent: Wednesday, March 16, 2011 8:10 AM
To: Uhle, Jennifer; Case, Michael; Richards, Stuart; Hogan, Rosemary; Kammerer, Annie; Ake, Jon; Murphy, Andrew
Cc: Weber, Michael; Virgilio, Martin; Leeds, Eric; Grobe, Jack; Dean, Bill; Lew, David
Subject: FW: NBC deadline question for NRC on seismic hazard estimates

FYI. I imagine this should generate some new interest in IP.

From: Bill Dedman [<mailto:Bill.Dedman@msnbc.com>]
Sent: Wednesday, March 16, 2011 6:44 AM
To: Manoly, Kamal; Sheron, Brian; Hiland, Patrick; OPA Resource
Subject: RE: NBC deadline question for NRC on seismic hazard estimates

This story is online now. If you see any error, please let me know right away.

Thanks,

Bill

http://www.msnbc.msn.com/id/42103936/ns/world_news-asiapacific/

From: Bill Dedman
Sent: Tuesday, March 15, 2011 9:06 AM
To: 'Kamal.Manoly@nrc.gov'; 'brian.sheron@nrc.gov'; 'patrick.hiland@nrc.gov'; 'OPA.Resource@nrc.gov'
Subject: NBC deadline question for NRC on seismic hazard estimates

Good morning,

My name is Bill Dedman. I'm a reporter for NBC News and msnbc.com, writing an article today about:

SAFETY/RISK ASSESSMENT RESULTS FOR GENERIC ISSUE 199, "IMPLICATIONS OF UPDATED PROBABILISTIC SEISMIC HAZARD ESTIMATES IN CENTRAL AND EASTERN UNITED STATES ON EXISTING PLANTS"

I reached out to NRC Public Affairs yesterday but have not heard back, and my deadline is end-of-day today. I'm hoping to get on the phone today with someone from NRC to make sure I'm conveying this information accurately to the public. If nothing else, I'm hoping one of the technical people can help clarify the points below. My telephone number is 203-451-9995.

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I've read Director Brian Sheron's memo of Sept. 2, 2010, to Mr. Patrick Hiland; the safety/risk assessment of August 2010; its appendices A through D; NRC Information Notice 2010-18; and the fact sheet from public affairs from November 2010.

I have these questions:

1. I'd like to make sure that I accurately place in layman's terms the seismic hazard estimates. I need to make sure that I'm understanding the nomenclature for expressing the seismic core-damage frequencies. Let's say there's an estimate expressed as "2.5E-06." (I'm looking at Table D-2 of the safety/risk assessment of August 2010.) I believe that this expression means the same as 2.5×10^{-06} , or 0.0000025, or 2.5 divided by one million. In layman's terms, that means an expectation, on average, of 2.5 events every million years, or once every 400,000 years. Similarly, "2.5E-05" would be 2.5 divided by 100,000, or 2.5 events every 100,000 years, on average, or once every 40,000 years. Is this correct?
2. These documents give updated probabilistic seismic hazard estimates for existing nuclear power plants in the Central and Eastern U.S. What document has the latest seismic hazard estimates (probabilistic or not) for existing nuclear power plants in the Western U.S.?
3. The documents refer to newer data on the way. Have NRC, USGS et al. released those? I'm referring to this: "New consensus seismic-hazard estimates will become available in late 2010 or early 2011 (these are a product of a joint NRC, U.S. Department of Energy, U.S. Geological Survey (USGS) and Electric Power Research Institute (EPRI) project). These consensus seismic hazard estimates will supersede the existing EPRI, Lawrence Livermore National Laboratory, and USGS hazard estimates used in the GI-199 Safety/Risk Assessment."
4. What is the timetable now for consideration of any regulatory changes from this research?

Thank you for your help.

Regards,

Bill Dedman

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To: [Weber, Michael](#); [Powell, Amy](#)
Cc: [Borchardt, Bill](#); [Virgilio, Martin](#); [McDermott, Brian](#); [Evans, Michele](#); [Sheron, Brian](#); [Leeds, Eric](#); [Haney, Catherine](#); [Johnson, Michael](#); [LIA05 Hoc](#); [ET01 Hoc](#)
Subject: Re: FYI - READY TO DEPLOY
Date: Wednesday, March 16, 2011 7:23:51 PM

Thanks. Maybe we can meet briefly tomorrow to see when we can deploy

From: Weber, Michael
To: Powell, Amy; Schmidt, Rebecca
Cc: Borchardt, Bill; Virgilio, Martin; McDermott, Brian; Evans, Michele; Sheron, Brian; Leeds, Eric; Haney, Catherine; Johnson, Michael; LIA05 Hoc; ET01 Hoc
Sent: Wed Mar 16 19:15:40 2011
Subject: FYI - READY TO DEPLOY

As requested by Bill Borchardt, we have arranged for Brian Sheron, Cathy Haney, Eric Leeds, and Mike Johnson to be prepared to conduct briefings for Congressional members and staffs on the NRC's ongoing response to the nuclear emergency in Japan. NSIR/OPS Center has a few additional action items to support, such as distributing additional information (including the Chairman's short statement, testimony, and Q&As from today's hearing/meeting) and preparing a standard slide deck (8-10 slides) that could be used to communicate our key messages in a clear and consistent manner.

Mike

Michael Weber
Deputy Executive Director for Materials, Waste, Research,
State, Tribal, and Compliance Programs
U.S. Nuclear Regulatory Commission

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44/151

From: [Library Resource](#)
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- ** Worst-case Fukushima fallout 'higher than Chernobyl': French expert
- ** Vladivostok radiation level rises slightly
- ** French Socialists call for rethinking nuclear, not a phase-out
- ** EU nuclear regulators to set 'stress test' criteria
- ** Medvedev convinced nuclear power can be safe
- ** Russia to lend Belarus US\$6 billion to build first nuclear plant

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** SKB submits application for spent fuel repository
** US nuclear industry to conduct review of severe accident response: NEI
** NRC recommends broader evacuation from Japan nuclear disaster: Jaczko
** US reactor report

*** Up to 6 feet of Fukushima cores without water cover

Between one and two meters (two meters is about 6.5 feet) of the fuel cores in reactors 1, 2 and 3 of the Fukushima I nuclear power plant in Japan are not covered by water, IAEA Director General Yukima Amano said at a press briefing in Vienna March 16.

Amano said the situation at the six-reactor Fukushima I nuclear power station, also known as Fukushima Daiichi, was very serious and core damage has been confirmed in reactors 1, 2 and 3.

In addition, he said temperatures rises have been observed in the spent fuel pools of reactors 4, 5 and 6 at the site.

Amano said the evacuation of a 20-kilometer (12.4-mile) zone around the plant has been completed and residents living between 20 km and 30 km of the plant have been advised to take shelter.

Amano said he would fly to Japan as soon as possible to investigate how the agency can help and report back to the IAEA's board of governors.

He said the IAEA's Fukushima Accident Coordination Team formed March 15 to be sent to Japan will include nuclear safety and radioprotection experts.

*** Fukushima I-5 reactor core water level drop

The water covering the nuclear fuel core of reactor 5 at the Fukushima I nuclear plant in Japan fell 40 centimeters (15.7 inches) between 7 am and noon Greenwich Mean Time March 15, the IAEA said March 16.

The IAEA did not say why the water level had fallen, but it did say the water level remained above the top of the fuel assemblies in the core.

The development opens a new front in the battle by Tokyo Electric Power Co. to secure the six-reactor nuclear plant site against potential meltdowns and radioactive releases.

Until now, no significant problems had been reported at units 5 and 6 at Fukushima I, both of which were already in cold shutdown when the March 11 earthquake and tsunami struck.

The water is already boiling in the spent fuel pool of unit 4, and Tepco is struggling to maintain cooling of the reactor cores at units 1, 2 and 3.

IAEA said Wednesday that Japanese authorities informed it that at noon GMT March 15 the water level

in unit 5 had dropped to 201 cm above the top of the fuel. This was a 40 cm decrease since 7 am GMT that day. Officials at the plant were planning to use an operational diesel generator at unit 6 to supply water to unit 5.

*** China suspends new plant approval in Fukushima's wake

China, which leads the world in nuclear power expansion, will suspend new nuclear power plant approval, according to the state-owned Xinhua News Agency.

Xinhua reported March 16 the government has also ordered a "comprehensive safety check" on all operating nuclear plants and those under construction. It said the decisions were made during a State Council Standing Committee meeting the same day.

Chinese Premier Wen Jiabao presided over the meeting and was briefed on the situation at Japan's Fukushima I nuclear power plant, where a meltdown is under way after an earthquake followed by a tsunami cut off all power supply, Xinhua said.

Officials at the meeting decided to "speed up" the development of a nuclear safety plan and to "suspend nuclear power projects review and approval, including early site work" until the plan is approved, the Xinhua report said. It also said that officials at the meeting decided to "adjust and improve" a nuclear power roadmap for the next few years.

China had planned to launch nuclear energy projects during 2011-2015 that would have a combined generating capacity of 40,000 MW, according to the government's draft 12th Five-Year Plan. The National People's Congress China's national parliament met earlier this month to discuss the plan. It is unclear what the parliament decided after the meeting ended March 14.

China has 10,744 MW of nuclear generating capacity online, according to Platts data. One megawatt equals 0.001 gigawatt. There are 13 nuclear power units, totaling 10.8 GW, operating in China. Twenty-eight more units, totaling 30.8 GW, are under construction or have received a construction permit, totaling 30.8 GW.

*** Spot price of uranium falls to at least \$50/lb

The spot price of uranium continued to fall to at least \$50 a pound U308 and possibly as low as \$47/lb, several analysts said. According to TradeTech, the spot price March 16 was \$50/lb, down \$5/lb from the March 15 price. The spot U308 price has dropped by at least \$18/lb since the March 11 earthquake and tsunami hit Japan. The fall in the spot price was accelerated by the announcement by the Chinese government that new nuclear power plant approvals would be temporarily suspended and that safety inspections of nuclear power plants under construction would be conducted.

*** ARMZ deal to buy Mantra killed by events in Japan

An A\$1.2 billion (\$1.17 billion) uranium deal has been canceled in the wake of the nuclear accident unfolding at Japan's Fukushima-I, also called Fukushima Daiichi, nuclear power plant.

Canada's Uranium One said March 16 that a deal by its majority shareholder, Russia's Atomredmetzoloto, to buy Perth, Australia-based Mantra Resources Ltd. will not go forward under the existing agreement.

Uranium One said events in Japan "are likely to have a material adverse effect" on the business, results of operations, assets or liabilities, financial position or prospects of Mantra.

ARMZ considers that the requirements in the December agreement between ARMZ and Mantra could not be satisfied because the agreement requires that there be "no material adverse change" prior to closing the deal, Uranium One said.

Uranium One said ARMZ would explore "alternative approaches" to buying Mantra. Mantra's Mkuju River Project in southern Tanzania has reserves of 39,000 metric tons of uranium, according to ARMZ's December 15 announcement of the deal.

ARMZ was to pay \$8 per share representing a 15.5% premium to Mantra's 20-day volume weighted average price on the Australian Stock Exchange at the time of the announcement which put Mantra's value at \$1.2 billion of resource.

When the deal closed, Uranium One was to operate and finance Mantra's assets, the companies said at the time.

*** Worst-case Fukushima fallout 'higher than Chernobyl': French expert

The events at Japan's Fukushima I nuclear power plant could potentially lead to higher total radioactive fallout than that from the 1986 Chernobyl accident, the head of France's nuclear safety institute, IRSN, said March 16.

Jacques Repussard said IRSN, along with its US counterparts, has modeled possible radioactive releases under different scenarios of what might happen at the Japanese plant.

He said that in the worst-case scenario, if the six reactor cores and spent fuel pools at Fukushima I, also known as Fukushima Daiichi, cannot be cooled, the releases of radioactive cesium and other radionuclides from "several cores over a longer period" could be "higher than [those from] Chernobyl."

He added that under some accident scenarios, the 20-kilometer evacuation zone and the 30-km sheltering zone ordered around Fukushima I "could be insufficient."

He said Tokyo would be slightly contaminated but that the level of contamination would not pose a problem for human health.

*** Vladivostok radiation level rises slightly

Radiation levels in the Russian Pacific port city of Vladivostok, about 500

miles northwest of Japan's damaged Fukushima I nuclear power plant, rose to 14 microroentgens an hour at 4:00 GMT March 16, from 12 microroentgens the previous day.

The roentgen is a unit of measurement for exposure to ionizing radiation, such as X-ray and gamma rays.

The results follow tests started that day on sea scallops to monitor radiation levels in Russia's Far East, state-run local water firm Primvodokanal said on its web site March 16.

The regional emergencies ministry says up to 30 microroentgens an hour is considered safe, Primvodokanal said.

"If the radiation in the water rises, the health of the molluscs will change as they react to the ions in heavy metal," it said. "So far, this has not happened."

Scientists first started using this method to check for pollution in Russia's Far East waters last year.

The Far East's regional emergencies ministry said in a statement March 16 that it does not see any danger from radiation to the region from the nuclear crisis in Japan, though it is checking radiation levels round-the-clock.

*** French Socialists call for rethinking nuclear, not a phase-out

France's Socialist Party stopped short of calling for a phase-out of nuclear power in a policy laid out in a document circulated March 16 at a parliamentary hearing on Japan's ongoing nuclear accident.

The party said a phase-out was "hypothetical" since some 80% of France's electricity is supplied by its 58 nuclear power units. But it said the country should "sincerely" look for alternatives to nuclear. In the meantime, there should be no nuclear generating capacity added in France, it said.

The party called for immediate safety audits for all French nuclear plants "without waiting for experience feedback from the accidents in Japan." The audits should probe the justification for plant life extension, it said.

The French government has also called for such audits, but Environment Minister Nathalie Kosciusko-Morizet said at the hearing that the audits would be done under criteria to be worked out on an EU level by the EU nuclear regulators' group, Ensreg.

French Green party EELV has called for phasing out nuclear within 25 years. Green Party MP Yves Cochet said at the hearing that goal was "possible." He called for a national debate on nuclear power, followed by a referendum on closing the French reactors.

Nuclear policy is shaping up as an issue in the 2012 presidential and legislative elections.

In the last national elections in 2007, PS candidate Segolene Royal ran on a platform hostile to new nuclear. She lost to Nicolas Sarkozy, who is openly pro-nuclear. This year, Sarkozy is trailing in opinion

polls, but the Socialists are not doing well either and could need the support of the Greens, for whom the nuclear issue is central, to form a coalition.

The far-right National Front's leader Marine Le Pen is running strongly in opinion polls. The party opposes nuclear power.

*** EU nuclear regulators to set 'stress test' criteria

The European Nuclear Safety Regulators Group will meet in April to work out standards and criteria for the planned "stress tests" of European nuclear power plants, French Environment Minister Nathalie Kosciusko-Morizet said March 16.

Kosciusko-Morizet told a French parliamentary hearing on the ongoing accident at Japan's Fukushima I nuclear power plant that the criteria will be used to assess the safety of France's 58 reactors.

Industry Minister Eric Besson said the safety audit would include issues of seismic resistance, flooding, loss of cooling resources and "tools to cope with core melt," such as the "core catcher," or core retention chamber, in Areva's EPR design.

The EU group includes nuclear and radiation safety regulators from all 27 EU member states, some of which, such as Austria, are officially anti-nuclear.

France has 58 reactors, about a third of the EU total, and gets more than 75% of its electricity from nuclear power plants.

A French energy official said it would take time to work out details of the planned "stress tests" and to determine how the nuclear safety audits will be done.

*** Medvedev convinced nuclear power can be safe

Russian President Dmitry Medvedev said March 16 he is convinced nuclear power can be safe, if the location of plant, its design and operator are chosen properly, Russian news agency Itar-Tass reported.

"The construction of new nuclear power stations has arrested great attention, in the wake of the colossal calamity experienced by Japan," he said after talks with Turkish Prime Minister Recep Tayyip Erdogan, with whom he discussed, among other things, Russia's work to build what would become Turkey's first nuclear power plant at Akkuyu.

"Everybody is asking the simple question: Can nuclear power be safe?" the Russian president said, referring to the ongoing accident at the Japanese nuclear power plant Fukushima I.

"With all of these conditions met, nuclear power is absolutely safe and very beneficial to humankind," he said.

For the Akkuyu plant, Russia will use a "fundamentally new control pattern," which includes the "trinity of opportunities" construction of the station, ownership, and its management, Medvedev said.

"This certainly increases our responsibility [and] our Turkish partners are interested in this to a no small degree," he said.

*** Russia to lend Belarus US\$6 billion to build first nuclear plant

Russia will arrange a state loan of "about" \$US6 billion to fund Belarusia's first nuclear power plant, Russian Prime Minister Vladimir Putin told local Russian media March 16.

The loan agreement will be concluded "within a month," he said, according to Itar-Tass.

The two countries signed an agreement to cooperate in the construction of the two-unit, 2,400-MW plant in Astravets March 15, Russian state nuclear corporation Rosatom said that day. The first unit is to start commercial operation in 2017 and the second in 2018.

The agreement was signed by Rosatom Director General Sergey Kirienko and Belarusian energy minister Alexander Ozerets, in the presence of Putin and his Belarusian counterpart Mikhail Myasnikovich.

Myashnikovich said the plant would create a "technological basis" for a common Russian-Belarusian electricity market, which Kazakhstan might join in the future, Itar-Tass said March 16.

Rosatom subsidiary Atomstroyexport is to be the general contractor of the project.

Kirienko said March 16 that a general agreement on the construction of the plant would be signed in May.

*** SKB submits application for spent fuel repository

SKB submitted a repository application to the Swedish Radiation Safety Authority and an environmental court March 16 as the nuclear crisis at Fukushima I in Japan continued unfolding.

"Of course we have considered doing this in the context of what's happened, but I don't think anything that's happening now in Japan speaks against going ahead with this," Claes Thegerstroem, chief executive of the Swedish Nuclear Fuel & Waste Management Co., or SKB, said at a press conference March 16.

SKB also submitted an application to build a factory to manufacture the copper and steel canisters for the spent fuel.

They will review the applications in parallel and make recommendations to the Swedish government, which will make the final decision.

The proposed repository would be built at the Forsmark nuclear plant, while the factory would be near the Oskarshamn nuclear power plant.

The canisters would be placed 500 meters deep in granite bedrock. Bentonite clay would be placed around them as a buffer against radioactive leaks reaching the atmosphere.

SKB is jointly owned by Sweden's nuclear utilities.

*** US nuclear industry to conduct review of severe accident response: NEI

The US nuclear power industry will take "several actions" to assess its capability to respond to severe accidents like the unfolding disaster at two plants in Fukushima, a senior industry official testified at a March 16 hearing.

Anthony Pietrangelo, senior vice president and chief nuclear officer at the Nuclear Energy Institute, said at the Senate Environment and Public Works hearing that the chief nuclear officers of US nuclear utilities have all agreed to verify "capability to mitigate severe adverse events" at their reactors, "including loss of major safety systems."

NEI said in a March 16 statement that the industry agreed to "verify each company's capability to mitigate conditions that result from severe adverse events, including the loss of significant operational and safety systems due to natural events, fires, aircraft impact and explosions. Specific actions include testing and inspecting equipment required to mitigate these events and verifying that qualifications of operators and support staff required to implement them are current."

Operators will "verify that the capability to mitigate a total loss of electric power to a nuclear power plant is proper and functional. This will require inspections verifying that all required materials are adequate and properly staged and that procedures are implemented," NEI said.

Loss of offsite power and emergency diesel generators crippled safety systems at the Fukushima I reactors after the March 11 earthquake and tsunami, allowing nuclear fuel in the reactors' cores and spent fuel pools to overheat. This overheating led to hydrogen explosions and possibly breaches of containment at some of the reactors, releasing large amounts of radioactivity.

The US operators will "verify the capability to mitigate flooding and the impact of floods on systems inside and outside the plant. Specific actions include verifying required materials and equipment are properly located to protect them from flood," the group said.

NEI said nuclear plant workers will "perform walk downs and inspection of important equipment needed to successfully respond to fire and flood events" and identify the potential that the equipment's function could be lost during seismic events appropriate for the site and develop mitigating strategies for potential vulnerabilities.

"We have no fatalities due to radioactive releases in our country. We're proud of our safety record," Pietrangelo said at the hearing.

The nuclear industry "will apply lessons learned" from the Fukushima events to "make it even less probable" that such accidents will occur in the US, he said.

*** NRC recommends broader evacuation from Japan nuclear disaster: Jaczko

The US Nuclear Regulatory Commission believes it is "appropriate to evacuate to a much larger distance" from the region around the damaged Japanese nuclear power reactors, NRC

Chairman Jaczko said March 16 in testimony before subcommittees of the House Energy and Commerce Committee.

If a similar accident occurred in the US, Jaczko said, the NRC believes it would be appropriate to evacuate "to a much larger radius than has currently been provided in Japan," Jaczko said in his opening statement. The US Ambassador in Japan is now informing US citizens there that it is "appropriate to evacuate to a much larger distance," up to 50 miles from the crippled nuclear power reactors, he said.

Japanese authorities are evacuating people from a 20-kilometer zone around the Fukushima nuclear plants. Those located between 20 and 30 km of the plants are being told to shelter in place.

"We have indication of radiation levels that would be lethal within a fairly short period of time. So they're very significant," Jaczko told the subcommittees at the hearing. "These very, very high readings" are "recent developments," he said at the hearing, mid-afternoon US time.

Jaczko did not provide quantitative estimates of the releases or doses resulting from them, nor did he say how close to the plant the readings were taken.

The three reactors at the Fukushima I plant, also called Fukushima Daiichi, that were operating at the time of the March 11 earthquake are believed to have "suffered some degree of core damage from insufficient cooling caused by the loss of offsite power and the inability of emergency diesel generators to operate successfully after the tsunami," Jaczko said. He did not provide details on the extent of the damage.

"Stable cooling" has now been established at Fukushima I-1 and -3 by flooding the reactor vessels with seawater, Jaczko said. "The primary containment is described as functional" for those units, he said.

"We believe core cooling is not stable" at Fukushima I-2, but "believe that primary containment is continuing to function," Jaczko said.

It is believed that the water level in the unit 2 spent fuel pool is "decreasing," Jaczko said. The "structural integrity has been compromised" at the unit 3 pool, and there may have been interaction of zirconium fuel cladding and water in that pool, he said.

At Fukushima I-4, a hydrogen explosion took place "due to uncovering of the spent fuel pool," Jaczko said. The secondary containment was "destroyed" by the blast "and there is no water in the spent fuel pool," he said.

"Radiation levels are very high" at unit 4, "which could impact the ability to take corrective measures," Jaczko said.

According to an IAEA report, Jaczko said, the water level is "down a bit" in the spent fuel pool at unit 5. There is "no significant information at this time" on unit 6, he said.

*** US reactor report

The power level at Palisades was reduced to 52% early March 16 so a planned inspection of electric

cables could be done. The reactor will remain at that level until the inspection is completed, Entergy spokesman Mark Savage said in an e-mail. The cables run between a 2,400-volt A/C bus and the 345-kilovolt bus at the rear of the plant's switchyard, he said. Savage could not say when the plant would return to full power.

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TODAY'S HIGHLIGHTS

Latest nuclear plant explosion in Japan raises radiation fears

Japan attempted to use helicopters to douse a leaking nuclear plant with water Wednesday afternoon, the latest desperate attempt to cool overheated materials that are emitting potentially lethal radioactive steam from the earthquake-damaged facility. But the operation was deemed too dangerous and aborted.

(By Brian Vastag and Rick Maese)

Death toll rises, stocks plunge, foreigners flee as nuclear crisis escalates

Torn up and terrified by a disaster that keeps on getting worse, Japan has been transformed from one of the world's most comfortable countries into one of its most distressed.

(By Chico Harlan)

In Onagawa, Japan's tsunami destroys community

More than half the population is missing in Onagawa, Japan, a picturesque seaside town whose surrounding hills funneled waters into a wave that rose nearly 100 feet high.

(By Andrew Higgins)

Gaddafi's forces mount heavy assault on town

Forces loyal to the Libyan leader launch a major assault on a strategic eastern city.

(By Sudarsan Raghavan)

Panel urges TSA to implement 'trusted travelers' program

Treating every airport passenger as a potential terrorist threat slows the security system, according to a report that recommends ways to ease bottlenecks at security checkpoints.

(By Ashley Halsey III)

NATION

METRO

A veteran, a generation, laid to rest

The last of nearly 5 million American veterans of World War I, Frank Woodruff Buckles, 110, was buried at Arlington National Cemetery.

(by Paul Duggan , The Washington Post)

'Trusted traveler': The answer to TSA bottlenecks?

(by Ashley Halsey III , The Washington Post)

Double payments outlined

Developers of a west Germantown subdivision were reimbursed twice by local government agencies, collecting more than \$6 million on a project that cost them about \$3 million.

(by Miranda S. Spivack , The Washington Post)

Md. teen wins 'Jeopardy!' then can't answer questions

Raynell Cooper was the big winner in the "Jeopardy!" Teen Tournament. Then he had to keep quiet about it.

(, The Washington Post)

Calvert Cliffs neighbors can take some comfort

Many southern Maryland residents take comfort in knowing that Solomons Island doesn't sit on a faultline the size of the San Andreas, and the Chesapeake Bay has more Atlantic sturgeon than it does tsunamis.

(by Annys Shin , The Washington Post)

POLITICS

Double payments outlined

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Developers of a west Germantown subdivision were reimbursed twice by local government agencies, collecting more than \$6 million on a project that cost them about \$3 million.
(by Miranda S. Spivack , The Washington Post)

Exclusive: FBI chief candidates emerge

In a letter sent Monday to Attorney General Eric H. Holder Jr., the FBI Agents Association recommended a longtime FBI agent and supervisor who is now security chief for Verizon Communications.
(by Jerry Markon Washington Post Staff Writer , The Washington Post)

House approves sixth stopgap budget bill

The Senate is expected to pass the measure, which funds the government through April 8.
(by Paul Kane and Felicia Sonmez , The Washington Post)

Palin's ratings among Republicans sliding

Sarah Palin's ratings within the GOP are slumping, according to a new Washington Post-ABC News poll — a potentially troubling sign for the former Alaska governor as she weighs whether to enter the 2012 presidential race.
(EMBARGOED FOR RELEASE AT MIDNIGHT by Chris Cillizza and Jon Cohen , The Washington Post)

Showdown on school funding

Maryland State Education Association says it has "drawn a line in the sand" on budget cuts.
(by Aaron C. Davis , The Washington Post)

STYLE

Seeing tragedy, through camera's double lens

The immediate visions of horror following the earthquake and tsunami and the static, faraway image of a nuclear power plant suggest a powerful contrast between physical forms of danger and fear of the unknown, which resonate all the more profoundly because of the role of the atom bomb in Japan's past.
(by Philip Kennicott , The Washington Post)

Maryland House subcommittees go to work on Gov. O'Malley's budget proposal

ANNAPOLIS, Md. — Maryland lawmakers will be making proposed changes to Gov. Martin O'Malley's budget plan.
(by The Associated Press The Associated Press , AP)

When it's the Obamas, restaurants scramble

How and when does restaurant management learn that FLOTUS and/or POTUS are coming? Do they order off the menu?
(by David Hagedorn Special to The Washington Post , The Washington Post)

Hints From Heloise for March 16

(, The Washington Post)

Ask Amy for March 16

(, Tribune Media Service)

SPORTS

Chris Wright practices hard, expects to play

Georgetown senior's recovery from a broken hand continues as Hoyas prepare for NCAA tournament opening against either USC or VCU.
(by Tarik El-Bashir , The Washington Post)

Wizards lose despite McGee

The Wizards get a first career triple-double out of JaVale McGee and stay close for awhile before falling to the Bulls in Chicago for their fifth loss in a row.
(by Michael Lee Washington Post Staff Writer , The Washington Post)

Glove story

Chris Marrero has always had the bat, and now he's made himself an adequate defensive first baseman.
(by Adam Kilgore Washington Post Staff Writer , The Washington Post)

International gymnastics officials to punish Chinese judge who altered score at Asian Games

LAUSANNE, Switzerland — International gymnastics officials say they will discipline a Chinese judge who was caught falsifying a score during last fall's Asian Games.
(by The Associated Press The Associated Press , AP)

Navy beats Towson in lacrosse

Junior faceoff specialist Logan West and senior midfielder Andy Warner lead the Navy Midshipmen to a 14-11 victory over Towson in men's lacrosse.

(by Christian Swezey Washington Post Staff Writer , The Washington Post)

WORLD

CIA contractor leaves Pakistani prison after 'blood money' deal, officials say

LAHORE, Pakistan — An American CIA contractor detained on suspicion of murder was released on Wednesday after families of the two Pakistanis he killed were given "blood money" and the case was dropped, Pakistani officials said.

(by Associated Press , AP)

No presents please! Royal couple asks for charitable gifts in lieu of presents

LONDON — Royal officials say Prince William and Kate Middleton are asking for charitable donations in lieu of wedding gifts to celebrate their April 29 marriage.

(by The Associated Press The Associated Press , AP)

Thailand to distribute anti-radiation pills to travelers to Japan

BANGKOK — Thai authorities say they will distribute medicine to citizens traveling to Japan to protect against radiation from damaged nuclear power plants.

(by The Associated Press The Associated Press , AP)

Italy's Berlusconi defends himself, saying he's too old to have all the sex he is accused of

ROME — Premier Silvio Berlusconi has sat down with the enemy, telling an opposition newspaper that he is too old to have had all the sexual encounters he is accused of by Italian prosecutors.

(by ALESSANDRA RIZZO Associated Press , AP)

Jail official says CIA contractor freed from Pakistani prison after murder case dropped

LAHORE, Pakistan — Jail official says CIA contractor freed from Pakistani prison after murder case dropped.

(by The Associated Press The Associated Press , AP)

LIVE DISCUSSIONS

TECHNOLOGY

EDITORIAL

The best high school TV series

The results are in. My attempt to pick the five best high school TV series of all time inspired many reader suggestions, some good, some awful. Here is what I decided.

(, The Washington Post)

The problems with Rhee's successor

The new permanent chancellor of D.C. schools is going to be Kaya Henderson, and this, to her supporters, is a great thing because she is, as they say, Michelle Rhee without Michelle Rhee. Maybe not.

(, The Washington Post)

Lego contests put students on a mission

A small but growing number of predominantly African American student groups are coming to Lego robotics competitions.

(by Kevin Sieff , The Washington Post)

Jay Mathews on a family that doesn't live by the numbers

The Demarees of Bethesda seem to be a normal American family, but wait. They didn't tell their children what their SAT scores were? They didn't do test prep? They didn't hire tutors? Could they have the answer to America's obsession with college admission?

(by Jay Mathews Washington Post Staff Writer , The Washington Post)

Computer classes focus on handy apps instead of dense code

At Virginia Tech, faculty members are looking for ways to make computer science more relevant and engaging to a generation of college students who do not know life without the Internet. A shift in teaching style often comes from necessity, as most computer science programs struggle to recruit, retain and graduate enough majors to keep up with demand.

(by Jenna Johnson Washington Post Staff Writer , The Washington Post)



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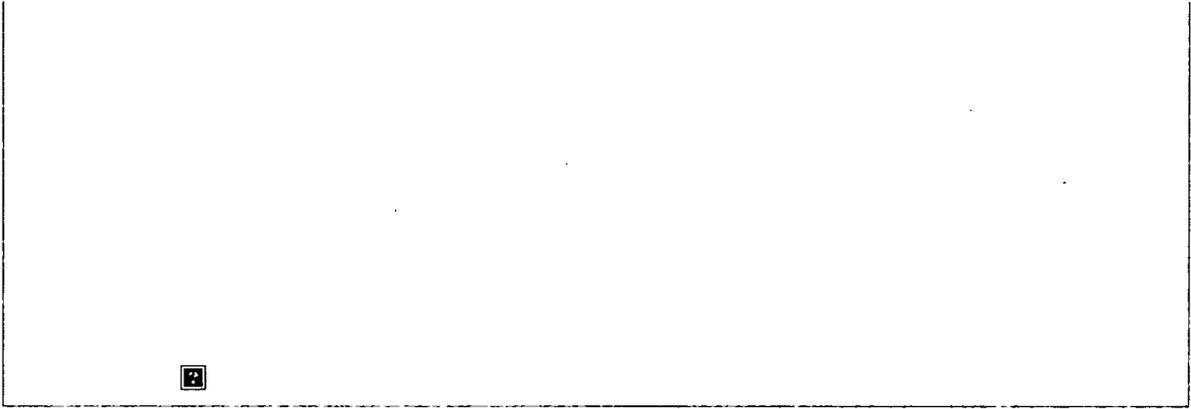
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Federal Policy & Business

House Republicans schedule Thursday vote to bar federal money for NPR

CNN: The House of Representatives is planning to vote this Thursday on a bill barring federal funding for National Public Radio.

The new push in the House to defund the public broadcasting outlet comes after a conservative activist secretly taped an NPR fundraising executive, Ron Schiller, criticizing Tea Party supporters and saying NPR would be better off without federal money. [MORE](#)

Official defends new consumer bureau against GOP claims it has too much power, independence

The Washington Post: WASHINGTON — The Obama administration official assembling the new federal agency overseeing credit cards, mortgages and other financial products is rebuffing banking industry claims that the agency is too powerful and lacks accountability.

Elizabeth Warren, who is putting together the Consumer Financial Protection Bureau, is also giving little ground against Republicans who say she's played an inappropriate role as federal agencies and states try pressuring big U.S. banks to overhaul how they modify mortgages and handle foreclosures. [MORE](#)

9 Senators Seek to Delay Debit Card Fee Changes

The New York Times: WASHINGTON — A bipartisan group of senators introduced a bill on Tuesday that would delay a new federal regulation to lower the swipe fees that banks could charge merchants for processing debit card transactions.

Although there is growing uneasiness with the regulation, it is not at all clear the senators will succeed in upending the law, which easily passed the Senate last year and was a cause championed by a leading Democrat. [MORE](#)

Former FCC Chairman Michael Powell named to lead cable TV's top lobbying group

Los Angeles Times: Former Federal Communications Commission Chairman Michael K. Powell is taking over as head of the leading cable TV trade association.

Powell will become president and chief executive of the National Cable and Telecommunications Assn., effective April 25. He succeeds Kyle McSlarrow, who left this month to head Comcast Corp.'s Washington office for government affairs. [MORE](#)

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Government IT

White House to push privacy bill

The Wall Street Journal (online subscription required): The Obama administration plans to ask Congress Wednesday to pass a "privacy bill of rights" to protect Americans from intrusive data gathering, amid growing concern about the tracking and targeting of Internet users.

Lawrence E. Strickling, an assistant secretary of commerce, is expected to call for the legislation at a hearing of the Senate Commerce Committee, said a person familiar with the matter. [MORE](#)

Cyber threat to economy hearing to be held

Government Security News: Cyber threats to the nation's critical infrastructure and its economy will be the subject of a hearing to be held March 16 in Washington, DC, by a subcommittee of the House Committee on Homeland Security.

The subcommittee on Cybersecurity, Infrastructure Protection and Security Technologies, which is chaired by Rep. Daniel E. Lungren, R-CA, will kick off its forum at 10 a.m. in room 311 of the Cannon building. Here's what the witness lineup looks like. [MORE](#)

DHS Seeks Cybersecurity Help from Engineers, Scientists

InformationWeek: The Department of Homeland Security (DHS) is seeking help from the private sector -- including experts from the engineering and science fields -- to help it solve a series of problems related to cybersecurity and the immense flow of information the department deals on an every-day basis. [MORE](#)

GSA's wiki platform is improving efficiency and performance, senior official says

Nextgov: Government transparency efforts should focus more on improving performance management, an Office of Management and Budget official said Tuesday.

Karen Lee, an analyst in the Office of Federal Financial Management at OMB, said open government initiatives should provide the means to "a more accountable, efficient and effective government. [MORE](#)

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Special Reports & Whitepapers

Best Practices for Achieving Migration to a Cloud Model

An i360Gov special report: Recent initiatives, including the just-published Federal Cloud Computing Strategy, the 25-point Implementation Plan to Reform Federal IT Management published in December and its accompanying 'Cloud First' acquisition strategy are forcing federal agencies to figure out how to quickly 'get their IT operations in shape' to embrace cloud computing.

This i360Gov's special report explores the steps agencies should take to aid their migration to cloud-based operations.

[Download](#) special report. Sponsored by: DLT Solutions, NetApp, and Red Hat

i360Gov Proof Points: Trends in Digital Archiving of Legislative Records

Despite the availability of electronic records preservation solutions, nearly 60% of our survey's respondents said they still don't possess an easily accessible electronic repository of all state laws, present and past, hindering each organization's ability to provide advanced

web-based or online constituent services.

[Download](#) this special report to see the full results of this study. Sponsored by: EMC

Energy Efficient Cooling for Data Centers: A Close-Coupled Row Solution

Abstract: The trend of increasing heat densities in data centers has held consistent with advances in computing technology for many years. As power density increased, it became evident that the degree of difficulty in cooling these higher power loads was also increasing. In recent years, traditional cooling system design has proven inadequate to remove concentrated heat loads (20 kW per rack and higher). This has driven an architectural shift in data center cooling. The advent of a newer cooling architecture designed for these higher densities has brought with it increased efficiencies for the data center. This article discusses the efficiency benefits of row-based cooling compared to two other common cooling architectures.

Download the complimentary [report](#).

Sponsored by: APC / Schneider Electric

Guide for Reducing Data Center Physical Infrastructure Energy Consumption in Federal Data Centers

Abstract: In an effort to create a clean energy economy, recent US presidents and congress have issued a series of legislation and executive orders requiring federal agencies to increase energy efficiency and reduce carbon emissions in government facilities. Vivek Kundra, Federal Chief Information Officer, is supporting that effort by establishing a Federal Data Center Consolidation Initiative to help reduce energy consumption in over 1, 100 Federal data centers. US Federal data center managers are on a timeline to respond with their final consolidation plan. This paper analyzes the implication of these mandates and offers recommendations for how to improve energy efficiency in Federal data centers. This paper is written for a US-only audience.

Download the complimentary [report](#).

Sponsored by: APC / Schneider Electric

Desktop Virtualization Rolls into Public Sector IT Organizations

An *i360Gov* special report. As the federal government strives to modernize IT operations, desktop virtualization is becoming one technology agencies are starting to embrace to help simplify management, improve security and reduce both costs and energy consumption.

Driven in part by the cost and space savings gained in server virtualization efforts, many public sector organizations are now investigating desktop virtualization to give federal employees and contractors more flexible access to government resources and information, while centralizing control over management, administrative and security headaches...

Download the [report](#). Watch the [webinar](#).

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Redefining 'Making Do': How state governments are leveraging technology to decrease budget deficits

An *i360Gov* special report. Excerpt: After several years on a steady diet of tight budgets, revenue shortfalls and the ongoing weakened economy, it would seem state and local governments might by now be unable to maintain current IT operations, much less build new services or applications.

However, despite ongoing hardships, states and localities have developed strong survival strategies, ferreting out cost reductions and reusing savings from ongoing data center consolidation efforts, for example, rather than seeking new funding for planned IT

upgrades....

Download the [report](#). Watch the [webinar](#).

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Data Center Consolidation

An *i360Gov* special report. Excerpt: Data center consolidation is now a top federal IT priority, as the White House leads the charge in driving a government-wide effort to reduce IT costs, lower energy consumption, improve IT security and enable a shift to more efficient IT platforms, such as cloud computing.

Driven by a few recently formed initiatives, a Presidential Executive Order, memos and other guidance, federal agencies are now working out plans to streamline data center operations, gain greater efficiency and meet a mandated goal to achieve \$3 billion in cost savings by the end of fiscal 2012...

Download the [report](#). Watch the [webinar](#).

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Countering Advanced Persistent Threats with Cyber Forensics

Many security teams have been caught unprepared by recent advances in targeted attacks. Multi-stage, multi-vector campaigns now steal sensitive and classified data, access privileged accounts, and spy on public sector organizations. This white paper explains the need for new security tactics and rapid response technologies to counter these advanced persistent threats. This whitepaper will demonstrate the need for forensic-grade technology in order to combat advanced persistent threats and minimize the attack surface of an agencies' sensitive data.

Read the [report](#).

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Government Healthcare - Policy & IT

Health coverage still tough to get for individuals

Reuters: Nearly three quarters of those seeking health insurance in the U.S. individual market in recent years faced roadblocks or were turned down due to prior medical conditions, a report released on Wednesday said.

The report by the Commonwealth Fund, a healthcare advocacy group, said 71 percent of an estimated 26 million people who tried to buy insurance on the individual market in the previous three years had problems purchasing affordable insurance. [MORE](#)

Despite incentives, doctors are wary about switching to electronic health records

The Washington Post: With funding and technical support from his employer, Washington internist Brad Moore made a swift transition to electronic records seven years ago. He now pulls up a patient's chart with a few clicks of his mouse.

Lab tests show the man, a diabetic, has his blood sugar under control. A surgeon's note describes progress after a shoulder operation. Before heading to the exam room, Moore, 47, clicks on a yellow "FYI" button, the electronic equivalent of a sticky note. It reminds him to ask how his patient is doing after his wife's recent death. [MORE](#)

House subcommittee examines waiver process

Modern Healthcare (online registration required): A House Oversight and Government Reform

subcommittee on Tuesday examined HHS' process to grant waivers from the health reform law's regulations on health plan annual benefit limits, as some members questioned both the fairness and transparency of the process.

In his opening remarks, Rep. Trey Gowdy (R-S.C.), chairman of the House Committee on Oversight and Government Reform's healthcare subcommittee said the need for these waivers developed because many companies use a health coverage strategy that provides some employees with mini-med plans "that run afoul of current federal rules—mandated by the new healthcare law—that set a minimum dollar limit on essential benefits that healthcare plans must provide in 2011, 2012, and 2013." [MORE](#)

U.S. to review drug supply after Japan reactor breach

Reuters: The Obama administration will study distribution policies for a drug to protect against the effects of radiation as part of a review of the implications of Japan's ongoing nuclear disaster, a government spokeswoman said on Tuesday.

The new review would reopen a debate sought by safety activists who have called for a greater stockpile of potassium iodide near U.S. nuclear plants. [MORE](#)

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Webinars

How server and datacenter consolidation can simplify and maximize cloud computing success

Wednesday, March 16, 2011 at 2:00 PM Eastern

Many Federal agencies are already pursuing consolidation and cloud computing initiatives, but OMB's 25-point mandate for government-wide IT reform has accelerated things significantly. Would you like to hear about a proven path forward to datacenter consolidation, transforming to a cloud-ready infrastructure and ultimately being able to adopt that cloud-first policy?

Join i360Gov for a live webinar on datacenter consolidation and how to build your cloud. Virtualization is a critical first step in consolidation and cloud computing, and with it, Federal agencies can leverage proven strategies to:

- Increase datacenter services, while decreasing infrastructure
- Build a scalable cloud infrastructure
- Integrate consolidation and cloud plans and maximize resources
- Leverage existing infrastructure to complete the transformation

Our panel of subject matter experts includes **Anil Karmel** (Los Alamos Labs) and **Doug Bourgeois**, formerly with U.S. Department of the Interior and the U.S. Patent and Trademark Office. [Register Now](#) (no cost)

Sponsored by:

i360Gov Proof Points: How to Achieve Private Cloud Formation

Tuesday, March 22, 2011 at 2:00 PM Eastern

To comply with federal mandates, agencies are being challenged to invest in cloud computing, to reduce IT costs and streamline operations. Despite the benefits of the cloud, many questions remain about security and the privacy of sensitive or classified information. Industry observers predict the strong push toward cloud-based services will lead to a rise in private cloud implementations in the coming year.

This i360Gov educational webinar and corresponding special report will highlight what government organizations should do to ensure security, while still adhering to federal cloud-focused mandates. The tools, assistance, guidance and advice of industry experts will be

incorporated into the corresponding special report, called Private Cloud Formations, which will hone in on how this technological alternative may work best for a wide range of government applications. [Register Now](#) (no cost)

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The Records Management Challenge: A Strategy for Paper Records

Wednesday, March 30, 2011 at 2:00 PM Eastern

Is your agency plagued with paper documents and manual processes associated with managing government paper records? Attend this i360Gov educational webinar and learn how leading agencies have modernized their paper-based process and the benefits they are realizing.

Our panelists, including Ray Miller, formerly with the NY State Dept of Health, will discuss how the process of managing paper records has evolved, what new techniques and technologies governments can employ to modernize this process, and how these improvements can impact your agency's bottom line. [Register Now](#) (no cost)

Sponsored by:



i360Gov Proof Points: Trends in Digital Archiving of Legislative Records

Despite the availability of electronic records preservation solutions, nearly 60% of our survey's respondents said they still don't possess an easily accessible electronic repository of all state laws, present and past, hindering each organization's ability to provide advanced web-based or online constituent services.

Join this complimentary educational webinar to see the full results of this study presented along with expert analysis. You will also hear experts present case studies highlighting the latest initiatives and best practice advice for building and maintaining electronic repositories.

[View Now](#) (no cost)

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Leveraging Technology to Fight Budget Difficulties in State & Local Governments

Under the gun to provide more and better services while striving to manage shrinking resources, state and local governments are seemingly being squeezed from multiple directions. Luckily there are some technological tools available to help, such as web-based self services and desktop virtualization, among others.

Join i360Gov's panel of government experts for this live event as we highlight the solutions that best aid these government organizations in closing budget deficit gaps while delivering greater agility to constituent-facing services. [View Now](#) (no cost!)

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Energy - Policy & Technology

What are the odds? US nuke plants ranked by quake risk

MSNBC: What are the odds that a nuclear emergency like the one at Fukushima Dai-ichi could happen in the central or eastern United States? They'd have to be astronomical, right? As a pro-nuclear commenter on msnbc.com put it this weekend, "There's a power plant just like these in Omaha. If it gets hit by a tsunami...."

It turns out that the U.S. Nuclear Regulatory Commission has calculated the odds of an earthquake causing catastrophic failure to a nuclear plant here. [MORE](#)

House panel votes to block EPA on emissions

Houston Chronicle: WASHINGTON — The House Energy and Commerce Committee voted 34-19 Tuesday to approve legislation that would block the Environmental Protection Agency from regulating greenhouse gas emissions and repeal new clean air mandates for refineries.

Although the issue looms large in Texas - where Attorney General Greg Abbott has waged a legal war against the EPA's new greenhouse gas permitting requirements - it divided lawmakers from the Lone Star State on Capitol Hill. [MORE](#)

Japan crisis could slow US nuclear industry

Commercial Appeal: Japan's reactor crisis has renewed anxiety about nuclear safety and could derail efforts to revive the U.S. industry as a clean alternative energy source.

The failure of the Japanese reactors' backup cooling systems and the explosions that followed are likely to lead U.S. regulators to re-evaluate nuclear plant designs and safety. The heightened scrutiny could increase costs for new and existing reactors and make it harder to raise money for new plants. [MORE](#)

Solar power market tops \$71 billion in 2010

San Francisco Chronicle: Ten years ago, when Ron Pernick predicted that solar power would be a \$23.5 billion industry by the decade's end, skeptics scoffed.

After all, worldwide sales of photovoltaic solar equipment in 2000 were just \$2.5 billion. Pernick's prediction had to be wrong. [MORE](#)

More Energy Policy/Technology News & Analysis at i360GovEnergy.com

Defense / Intelligence / Homeland Security - Policy & Technology

Panel urges TSA to implement 'trusted travelers' program

The Washington Post: Treating every airport passenger as a potential terrorist slows the security system, is needlessly frustrating and deters some people from flying, according to a report that recommends ways to ease bottlenecks at security checkpoints.

The report, commissioned by the U.S. Travel Association and set to be released Wednesday, calls on airlines to allow passengers to check one bag free of charge and urges the creation of a voluntary "trusted traveler" program that partially resembles a mandatory one previously proposed by President George W. Bush — and shot down by Congress. [MORE](#)

Treasury officials freeze more assets as part of Libya sanction effort

The Washington Post: Treasury Department officials on Tuesday ratcheted up the financial pressure on Libya, freezing the assets of the foreign minister and 16 state-owned entities in a widening of the three-week-old U.S. sanctions effort.

Treasury officials hope the inclusion of Foreign Minister Musa Kusa will underscore their determination to isolate Libyan leader Moammar Gaddafi and his supporters. Kusa previously served as Libya's intelligence chief. [MORE](#)

Clinton visits anti-government rallying site from Egyptian revolution

CNN: Cairo, Egypt (CNN) -- U.S. Secretary of State Hillary Clinton took a short tour of Tahrir Square in the Egyptian capital on Wednesday.

During the anti-government demonstrations that eventually led to the ouster of long-time Egyptian President Hosni Mubarak, the square was a rallying spot for protesters who transformed it from a bustling urban center into a fortified campground. [MORE](#)

Navy stops work by contractor involved in alleged kickback

Federal Times: The Navy has stopped all work with a Georgia firm that is accused of participating in a kickback scheme involving \$10 million in Navy funds.

The criminal complaint was entered against Advanced Solutions for Tomorrow Inc. in the U.S. District Court in Rhode Island on Feb. 8. Naval Sea Systems Command spokeswoman Patricia Dolan said the contractor was indefinitely suspended from new contracts on Feb. 11, but Navy Secretary Ray Mabus took the unprecedented step of terminating all existing contracts on March 3. [MORE](#)

More Defense / Intelligence News & Analysis at i360GovDefense.com

cdwg



State & Local Government - Policy & Technology

States' use of foster kids' benefits is assailed

San Francisco Chronicle: With a lawsuit, congressional efforts and a stinging new report, critics of current foster-care policies are accusing child welfare agencies of unfairly confiscating foster youths' government benefits and undermining their prospects when they age out of the system.

At the heart of the controversy is a practice common nationwide — state agencies taking control of Social Security benefits that are earmarked for foster children with disabilities or a deceased or disabled parent.

[MORE](#)

Say What?

"No man will ever bring out of the Presidency the reputation which carries him into it. . . . To myself, personally, it brings nothing but increasing drudgery and daily loss of friends."

—Thomas Jefferson

Mississippi Gov. Barbour courts Iowa activists

San Francisco Chronicle: Skipping the Iowa caucuses? Not Haley Barbour.

In a week that made clear he's all but running for president, the Mississippi governor told Iowa Republicans on Tuesday that their state would be central in his campaign — if, of course, he decides to seek the GOP nomination. [MORE](#)

VT: Vermont's pension solution: civility

Stateline: Vermont's public pension problems differ very little from those in Wisconsin, New Jersey or Maine: The state fell behind on its payments to cover the cost of retirement benefits. Market losses during the recession widened the gap. Vermont's workers are aging, so retirement costs are going up.

Yet you don't see the governor criticizing public employees, in contrast to those in Wisconsin, New Jersey, Maine and other states. No members have walked out of the Vermont Legislature, which is considering legislation to require an increase in public employee pension contributions. Union-covered state employees are not protesting in Montpelier. [MORE](#)

Open Source Software Helps an Oregon Transportation Department for GIS, Website Development

Government Technology: Many government CIOs see open source software development as a noble pursuit that, in reality, belongs on the periphery of an agency's IT agenda. Local governments, for example, often use open source platforms to power content management systems that run their Web portals. Open source solutions are also the building blocks of many citizen-facing applications that route users to government data. [MORE](#)

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From: GSN Homeland Security Insider
To: Virgilio, Martin
Subject: FBI warns on Japan relief scams
Date: Wednesday, March 16, 2011 8:19:25 AM

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?

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Wednesday, March 16, 2011

concentric

FBI warns on Japan relief scams

As the first charity scams roll in after the Japanese earthquake/tsunami disaster, the Federal Bureau of Investigation warned U.S. citizens to do "due diligence" before they give money to any prospective charitable organization to help. scam

?

Charity fraud schemes surfaced only days after the massive earthquake and devastating tsunami hit Japan. From a phony tsunami video-based phishing scheme on YouTube, to a flood of bogus e-mails asking for money to help Japanese citizens, crooks almost immediately began using the tragedy to prey on charitable citizens. [More](#)

GSN

High Definition Outdoor PTZ Dome

Bosch

AutoDome 800 Series HD outdoor cameras from Bosch Security Systems are the first 1080p high-speed pan-tilt-zoom domes to deliver 20x zoom for highly detailed imaging at great distances. With 360° coverage, full HD resolution and day/night functionality, you'll capture the details needed to identify faces, license plates and other scene features. Combined with advanced video analytics embedded in the cameras, you get powerful automated surveillance that alerts on potential security risks. [Learn more at www.autodome.com](#)

?

Eathquake scams tap SMS, YouTube

In the SMS hoax, a text message sent as a bogus bulletin from the BBC declared that Asian nations should take precautions due to radiation leaks from nuclear power plants in Fukushima, Japan. "Take extra precaution, radiation may hit Philippines," the message added. scams

?

After some government offices and a school [closed](#) in response to the warning, the Philippine Department of Science and Technology (DOST) issued an advisory discrediting the text message. "[B]ased on DOST's Philippine Nuclear Research Institute's routine daily radiation monitoring in the environment, the level of radiation in the environment in the country has remained stable since the Fukushima incident in Japan," the agency [advised](#) its citizens. [More](#)

?

U.S. Coast Guard warns of security risks in Libyan ports

Faced with continuing unrest in Libya, the [U.S. Coast Guard](#) on March 11 issued a Port Security Advisory for the North African nation, suggesting security measures for ships to take when calling upon Libyan ports.

The bloody rebellion in Libya has prompted U.S. Government concerns regarding whether port facility requirements of the International Ship and

4/1/11

Ras Lanuf

Port Facility Security Code are still being executed and maintained. In an announcement, the U.S. Coast Guard said it is unable to determine that effective, anti-terrorism measures are in place in Libyan ports. As such, the Coast Guard recommends that vessels calling on ports in Libya take the following actions: [More](#)

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DoJ unveils FOIA site, concentrates data collected for government

The U.S. Department of Justice unveiled a new Web site that makes information obtained under the Freedom of Information Act from the federal government readily available to the public. 

The department called the Web Site -- FOIA.gov-- the "flagship initiative" of the department's Open Government Plan and an integral part of the Obama administration's push toward a more open government.

"Where we can open up the process of governing and enlist our fellow citizens to participate in solving the challenges we face, we're all going to be better off," said Associate Attorney General Tom Perrelli in a statement on March 14 marking the opening of the site. [More](#)



Free Web site security review offered by WhiteHat

check

Web site operators interested in learning first hand about the benefits of continuous vulnerability assessments of their Net posts can do so free for 30 days under a program launched March 16 by WhiteHat Security, of Santa Clara, CA.



Under the program, called *Sentinel SecurityCheck*, organizations with production Web sites are given 30 days to evaluate WhiteHat's cloud-based vulnerability management platform. With the information from the assessments produced by the platform, the company explained in a statement, companies can strategically direct development resources to fix their Web site vulnerabilities or employ a Web application firewall to immediately mitigate threats to their sites. [More](#)

ICE arrests NM town mayor, police chief in gun-running ring

The mayor, police chief of Columbus, NM, and other town officials were among those arrested for trafficking automatic weapons favored by Mexican drug cartels. 

The defendants charged in the 84-count indictment include Columbus's Police Chief Angelo Vega, its Mayor Eddie Espinoza, and Blas Gutierrez, a village trustee for the border town located in the southwestern corner of the state, said Immigration and Customs Enforcement (ICE) Homeland Security Investigations (HSI). [More](#)

Council testifies on improving homeland security R&D

Marc

Homeland Security & Defense Business Council President and CEO Marc Pearl testified on March 15 before the House subcommittee on technology and innovation on the homeland security industry's perspective on the relationship between DHS Science and Technology (S&T) programs and the private sector's recommendations.



Pearl's testimony focused on the need to ensure that the private sector and the DHS S&T Directorate develop a strong relationship before final decisions on contracts are made. [More](#)



SIEM/ Log management simplifies government compliance

By A.N Ananth

Ananth



Increasingly, government entities and commercial organizations are faced with the daunting task of keeping their IT infrastructures secure from both internal and external threats. Many government agencies utilize manpower or a "hope-and-see" attitude to tackle tasks that can be automated, leaving them vulnerable to malicious workers, hackers, spyware, viruses and other threats. This is not due to ignorance or apathy, but rather the challenges of smaller budgets, a lack of manpower, the need to decide what to do first, and how to do it. An overriding issue is that the FISMA guidelines are vague and not descriptive. [More](#)

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From: [Huyck, Doug](#)
To: [Marshall, Jane](#)
Cc: [Layton, Michael](#); [Correia, Richard](#); [Caldwell, Robert](#)
Subject: RE: Ops center support
Date: Thursday, March 17, 2011 11:59:22 AM

Yes, what time do I report and to whom?
Doug

-----Original Message-----

From: Marshall, Jane
Sent: Thursday, March 17, 2011 11:08 AM
To: Huyck, Doug
Subject: Ops center support

Doug-
Can you fill the status officer position in the ops center for the 11-7 shift (2300-0700) friday, saturday,
and sunday?
Sent from my NRC Blackberry

47/156

From: [Westreich, Barry](#)
To: [Correia, Richard](#)
Subject: RE: NRR IN
Date: Thursday, March 17, 2011 5:36:14 PM

Great, thanks

From: Correia, Richard
Sent: Thursday, March 17, 2011 5:08 PM
To: Westreich, Barry
Cc: Holahan, Patricia
Subject: RE: NRR IN

Barry,

Got it, reviewed it and provided feedback.

Copy attached with my comments.

From: Westreich, Barry
Sent: Thursday, March 17, 2011 10:59 AM
To: Correia, Richard
Cc: Holahan, Patricia
Subject: NRR IN

Rich,

FYI,

NRR is developing an Information Notice on the Japan event and domestic actions being taken. It will include references to the NEI action being taken, and some of the B.5.b stuff. They wanted a contact for NSIR concurrence, and I gave them your name, since I didn't think you were doing on the Ops Center watch bill.

YX/157

From: [Evans, Michele](#)
To: [Holahan, Patricia](#); [Westreich, Barry](#)
Cc: [Correia, Richard](#)
Subject: FW: FYI: Plans to Draft and Issue an NRC Information Notice on the Japanese Earthquake/Tsunami Effects on Japanese Power Plants
Date: Thursday, March 17, 2011 12:52:15 PM

Trish or Barry,

Is Scott Sullivan available to be the POC on this generic communication? If not him, let me know who to designate as POC. We are using Alan and John as POC regarding commission meeting.

Thanks

Michele

From: McGinty, Tim
Sent: Thursday, March 17, 2011 11:17 AM
To: Nelson, Robert; Howe, Allen; Westreich, Barry; Brown, Frederick; Cheok, Michael; Hiland, Patrick; Thomas, Eric; Skeen, David; Burnell, Scott; Williamson, Edward; Giitter, Joseph; Evans, Michele
Cc: Boger, Bruce; McDermott, Brian; Leeds, Eric; Blount, Tom; Quay, Theodore; Bowman, Eric; Rosenberg, Stacey
Subject: FYI: Plans to Draft and Issue an NRC Information Notice on the Japanese Earthquake/Tsunami Effects on Japanese Power Plants

This is an FYI:

DPR staff (Eric Bowman, lead) is developing an Information Notice on the above Subject for near-term issuance.

I anticipate that it will go into concurrence today, and we will ask concurrence of DIRS, DE, and NSIR.

Upon having the necessary comments and concurrences (by noon tomorrow), we plan to share the draft for "awareness" to ensure full coordination prior to issuance. For awareness, we anticipate sharing with the DRA's, DORL, OPA, OGC and the Executive Team in the Operations Center. Our goal is to be in a position to issue the Information Notice early next week.

We are open to suggestions on this plan, so please don't hesitate. If you want to identify a primary contact for us to work with, in your organization, please respond to Eric Bowman, Stacey Rosenberg or myself.

Thanks in Advance for your Support, Tim

YY/158

From: Valentin, Andrea
To: Sheron, Brian; Coyne, Kevin; Bonaccorso, Amy; Calvo, Antony; Case, Michael; Coe, Doug; Correia, Richard; Dion, Jeanne; Gibson, Kathy; Lui, Christiana; Richards, Stuart; Rini, Brett; Sangimino, Donna-Marie; Uhle, Jennifer
Subject: RE: WAIVER OF WORK SCHEDULE AND PAY CAP RULES FOR WORK IN RESPONSE TO THE EVENTS IN JAPAN
Date: Thursday, March 17, 2011 10:00:15 AM

Yes, we will collect the data.

From: Sheron, Brian
Sent: Thursday, March 17, 2011 9:55 AM
To: Coyne, Kevin; Bonaccorso, Amy; Calvo, Antony; Case, Michael; Coe, Doug; Correia, Richard; Dion, Jeanne; Gibson, Kathy; Lui, Christiana; Richards, Stuart; Rini, Brett; Sangimino, Donna-Marie; Uhle, Jennifer; Valentin, Andrea
Subject: FW: WAIVER OF WORK SCHEDULE AND PAY CAP RULES FOR WORK IN RESPONSE TO THE EVENTS IN JAPAN

Andrea, can PMDA take the lead to collect the list of names of staff that are performing emergency-related premium work and the dates that the people worked. Divisions should supply this information to Andrea. Thanks.

From: Flory, Shirley **On Behalf Of** RidsResOd Resource
Sent: Thursday, March 17, 2011 9:18 AM
To: Rini, Brett; Armstrong, Kenneth; Ibarra, Jose; Rivera-Lugo, Richard; Case, Michael; Coe, Doug; Coyne, Kevin; Gibson, Kathy; Richards, Stuart; Sangimino, Donna-Marie; Scott, Michael; Sheron, Brian; Uhle, Jennifer; Valentin, Andrea
Subject: FW: WAIVER OF WORK SCHEDULE AND PAY CAP RULES FOR WORK IN RESPONSE TO THE EVENTS IN JAPAN

From: RidsResPmdaMail Resource
Sent: Thursday, March 17, 2011 8:50 AM
To: Valentin, Andrea; RidsResOd Resource
Cc: Donaldson, Leslie; Chan, Deborah; Isakovic, Nadja
Subject: FW: WAIVER OF WORK SCHEDULE AND PAY CAP RULES FOR WORK IN RESPONSE TO THE EVENTS IN JAPAN

Please read the following memo in response to work schedules and pay cap for Japan response.

Thanks,
Heather

From: Khan, Charline
Sent: Thursday, March 17, 2011 7:29 AM
To: RidsAcraAcnw_MailCTR Resource; RidsAslbpManagement Resource; RidsOgcMailCenter Resource; RidsOcaaMailCenter Resource; RidsOcofoMailCenter Resource; RidsOigMailCenter Resource; RidsOipMailCenter Resource; RidsOcaMailCenter Resource; RidsOpaMail Resource; RidsSecyMailCenter Resource; RidsSecyCorrespondenceMCTR Resource; RidsEdoMailCenter Resource; RidsAdmMailCenter Resource; RidsCsoMailCenter Resource; RidsOeMailCenter Resource; RidsFsmeOd Resource; RidsOiMailCenter Resource; RidsOIS Resource; RidsHrMailCenter Resource; RidsNroOd Resource; RidsNroMailCenter Resource; RidsNmssOd Resource; RidsNrrOd Resource; RidsNrrMailCenter Resource; RidsResOd Resource; RidsResPmdaMail Resource; RidsSbcrMailCenter Resource; RidsNsirOd Resource; RidsNsirMailCenter Resource; RidsRgn1MailCenter Resource; RidsRgn2MailCenter Resource;

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RidsRgn3MailCenter Resource; RidsRgn4MailCenter Resource

Cc: Davidson, Lawrence; Buchholz, Jeri; Johns, Nancy

Subject: WAIVER OF WORK SCHEDULE AND PAY CAP RULES FOR WORK IN RESPONSE TO THE EVENTS IN JAPAN

MEMORANDUM TO: Those on the Attached List

FROM: Miriam L. Cohen, Director/**RA by J. Buchholz for/**
Office of Human Resources

DATED: March 16, 2011

**SUBJECT: WAIVER OF WORK SCHEDULE AND PAY CAP RULES FOR
WORK IN RESPONSE TO THE EVENTS IN JAPAN**

ADAMS Accession No. ML11075A003 refers

NOTE: Electronic distribution only

Charline Khan

Administrative Assistant (Rotation)

U.S. NUCLEAR REGULATORY COMMISSION

Office of Human Resources

P:301-492-2318

Charline.Khan@nrc.gov

From: [Temple, Jeffrey](#)
To: [Correia, Richard](#)
Subject: RE: Query: Willing/Able to Serve on the Liaison Team in the Operations Center
Date: Thursday, March 17, 2011 9:45:58 PM

Thanks Rich. I know I can always count on you to help. Let me call you Monday once we have a final schedule put together. Jeff

From: Correia, Richard
Sent: Thursday, March 17, 2011 7:42 AM
To: Temple, Jeffrey; McGinty, Tim; Bower, Anthony
Cc: Layton, Michael
Subject: RE: Query: Willing/Able to Serve on the Liaison Team in the Operations Center

Thx Jeff. Just doing my "Patriot(ic)" duty.

From: Temple, Jeffrey
Sent: Wednesday, March 16, 2011 9:52 PM
To: Correia, Richard; McGinty, Tim; Bower, Anthony
Cc: Layton, Michael
Subject: RE: Query: Willing/Able to Serve on the Liaison Team in the Operations Center

Thanks Rich. We may be all set for the time being, but will be in touch.

Jeff Temple
Response Program Manager
301-415-0156

From: Correia, Richard
Sent: Wednesday, March 16, 2011 3:36 PM
To: McGinty, Tim; Temple, Jeffrey; Bower, Anthony
Cc: Layton, Michael
Subject: RE: Query: Willing/Able to Serve on the Liaison Team in the Operations Center

All,

I am willing to help support the LT as needed.

From: McGinty, Tim
Sent: Wednesday, March 16, 2011 1:45 PM
To: Akstulewicz, Frank; Bergman, Thomas; Madden, Patrick; Richards, Stuart; Gibson, Kathy; Correia, Richard; Delligatti, Mark; Webber, Robert; Persinko, Andrew; Davis, Jack; Bailey, Marissa; Weaver, Doug; Adams, John
Cc: Evans, Michele; OST02 HOC; Thaggard, Mark; Tschiltz, Michael; Blount, Tom; Lombard, Mark; Jones, Cynthia; Giitter, Joseph; Temple, Jeffrey; LIA06 Hoc; LIA08 Hoc; McDermott, Brian; Morris, Scott; Bower, Anthony
Subject: Query: Willing/Able to Serve on the Liaison Team in the Operations Center
Importance: High

Colleagues – I am reaching out to you directly to see if you can, and would be interested, in joining the Liaison Team (LT) in the Operations Center as a Director and/or Deputy Director.

44/160

If you already have a defined incident response roll, please disregard this query.

To get to the point: The LT currently only has a handful of "Directors". Since we need to staff the Ops Center 24/7, perhaps for an extended period of time (see below from the NSIR Acting Deputy Director), I am "recruiting" among colleagues who may be able and interested in helping. Since this is an ongoing event on foreign soil, the LT has actually been actively involved. We need additional help to staff the LT leadership position for the next month.

If you are interested and able to help, please email the LT Coordinator (Jeff Temple), Anthony Bower and myself. There is no need to "reply to all", or to reply at all, as the Incident Response activity continues to be on a voluntary basis.

I think the LT only needs 2 or 3 additional volunteers to establish enough capability to allow for a rotating shiftwork watchbill that will also give us some flexibility to do our normal jobs part time as well. If you can do it, I would expect the process to be to "shadow" one of the LT Directors at shift change and perhaps for a couple hours to observe team activities, a half-hour brief by the Coordinator, and to review the LT Directors procedure.

Thanks for your consideration - Tim

From: OST02 HOC

Sent: Tuesday, March 15, 2011 6:28 PM

To: Thaggard, Mark; Blount, Tom; McGinty, Tim; Tschiltz, Michael

Cc: Evans, Michele

Subject: Staffing Ops Center 24/7

Importance: High

Liaison Team Directors:

Per EDO direction we plan to staff the Ops Center 24/7 while we have staff dispatched in Japan. And we are currently planning to identify a second team to send to Japan in about 2 weeks, with the idea that they may stay there for an additional two weeks. That would take us out to April 10 or so.

Staffing in the IRC will remain at the current levels for potentially another week. Possibly we will be able to scale back somewhat at that point. The intent is to develop a schedule through April 10 at this point. The immediate focus is to staff for the first week, starting Saturday March 19.

We'd like to have a little more consistency in the staffing of most positions. So we'd like to staff the Liaison Team Director in 4 day blocks, three shifts each day, starting March 19.

Tim McGinty has offered to take the lead to coordinate among the potential Liaison Team Directors to fill the schedule. Please work with him and provide at least the schedule for the first four day block by COB Wednesday March 16.

Michele

Kauffman, John

From: Beasley, Benjamin
Sent: Thursday, March 17, 2011 7:02 AM
To: Kauffman, John
Subject: FW: Calls for answering questions on earthquakes, etc, in support of Japanese event activities
Attachments: Seismic Questions for Incident Response 3-16-11 3am.pdf

From: Kammerer, Annie
Sent: Wednesday, March 16, 2011 12:18 PM
To: RES Distribution
Cc: Karas, Rebecca
Subject: FW: Calls for answering questions on earthquakes, etc, in support of Japanese event activities

All,

Please read Becky's email below and follow the procedures she laid out to NRO staff.

It is important that we keep the NRC's message consistent and moving through appropriate channels. I have added the latest version of the seismic Q&As for the convenience of those of you who are getting in-house questions related to your projects and responsibilities. Currently we are updating this daily with the questions (and answers) we collect each day.

Thanks,
Annie

From: Karas, Rebecca
Sent: Wednesday, March 16, 2011 12:05 PM
To: NRO_DSER Distribution
Cc: Chokshi, Nilesh; Kammerer, Annie; Munson, Clifford
Subject: Calls for answering questions on earthquakes, etc, in support of Japanese event activities

All,

Based on what just happened, individuals within NRC appear to be either randomly calling geologists/geophysicists/hydrologists or people they happen to know to answer questions.

For callers who are NRC staff who ask you a question, please direct them to call the Ops Center and ask to be connected to the RST seismologist (Cliff on day shift, Annie on evening shift). That person will coordinate all question responses (if Cliff or Annie call you, provide any support they need to help answer these questions).

For callers who are NOT NRC staff (including people from other agencies), please continue to follow the direction of the EDO here:

THIS IS NOT A DRILL

The Office of Public Affairs is expecting a large volume of calls from media and the general public regarding the latest statements from the State Department and the NRC regarding the situation in Japan. ALL CALLS from media or the general public on this topic must be referred to the 301-415-8200 number.

44/161

The NRC is coordinating its actions with other Federal agencies as part of the U.S. government response to the events in Japan. The NRC is examining all available information as part of the effort to analyze the event and understand its implications both for Japan and the United States. The NRC's Headquarters Operations Center in Rockville, MD has been stood up since the beginning of the emergency in Japan and is operating on a 24-hour basis.

NRC Incident Responders at Headquarters have spoken with the agency's counterpart in Japan and offered the assistance of U.S. technical experts. NRC representatives with expertise on boiling water nuclear reactors have deployed to Japan as part of a U.S. International Agency for International Development (USAID) team. USAID is the Federal government agency primarily responsible for providing assistance to countries recovering from disasters.

U.S. nuclear power plants are built to withstand environmental hazards, including earthquakes and tsunamis. Even those plants that are located outside of areas with extensive seismic activity are designed for safety in the event of such a natural disaster. The NRC requires that safety significant structures, systems, and components be designed to take in account the most severe natural phenomena historically estimated for the site and surrounding area.

The NRC will **not** provide information on the status of Japan's nuclear power plants. For the latest information on NRC actions see the NRC's web site at www.nrc.gov or blog at <http://public-blog.nrc-gateway.gov>.

Two important reminders:

It is possible that some of us will be requested by colleagues in another country to provide technical advice and assistance during this emergency. It is essential that all such communications be handled through the NRC Operations Center. Any assistance to a foreign government or entity must be coordinated through the NRC Operations Center and the U.S. Department of State (DOS). If you receive such a request, contact the NRC Operations Officer (301-816-5100 or via the NRC Operator) immediately.

If you receive information regarding this or any emergency (foreign or domestic) and you are not certain that the NRC's Incident Response Operations Officer is already aware of that information, you should contact the NRC Operations Officer (301-816-5100 or via the NRC Operator) and provide that information.

Other Sources of Information:

USAID – www.usaid.gov

U.S. Department of State – www.state.gov

FEMA – www.fema.gov

White House – www.whitehouse.gov

Nuclear Energy Institute – www.nei.org

International Atomic Energy Agency – www.iaea.org/press

No response to this message is required.

THIS IS NOT A DRILL

Rebecca Karas, Chief
Geosciences and Geotechnical Engineering Branch 1
Division of Site and Environmental Reviews
Office of New Reactors
U.S. Nuclear Regulatory Commission
Phone: 301-415-7533
Fax: 301-415-5397

From: [Williams, Shawn](#)
To: [EDO ETAs](#)
Cc: [Breskovic, Clarence](#)
Subject: Before and After Pictures of the Earthquake in Japan
Date: Thursday, March 17, 2011 1:03:47 PM

<http://www.nytimes.com/interactive/2011/03/13/world/asia/satellite-photos-japan-before-and-after-tsunami.html>

You can drag the blue bar to see before and after pictures overlaid on top of each other.

44/162

From: Taylor, Renee
To: Andersen, James; Arildsen, Jesse; Ash, Darren; Bower, Phyllis; Bowman, Gregory; Brock, Kathryn; Carpenter, Cynthia; Chen, Yen-Ju; Cianci, Sandra; Clayton, Kathleen; Coplin, Seth; Corley, Cherrie; DAbate, David; Davis, Kristin; Ellmers, Glenn; Flynn, Mark; Frazier, Alan; Garland, Stephanie; Hamdan, Latif; Harrison, John; Hasan, Nasreen; Jacobs-Baynard, Elizabeth; Jaegers, Cathy; Kasputys, Clare; Kotzalas, Margie; Landau, Mindy; Mamish, Nader; McLaughlin, Terri; Merzke, Daniel; Muesle, Mary; Olive, Karen; Rakovan, Lance; Rihm, Roger; Sanfilippo, Nathan; Schaeffer, James; Scott, MaryLynn; Seltzer, Rickie; Silber, Jacqueline; Smith, Cathy; Smith, Pat; Solander, Lars; Taylor, Renee; Temp, Edo; Thomas, Ann; Thompson, Ronald; Trapp, James; Trocine, Leigh; Virgilio, Martin; Wallace, Denise; Weber, Michael; Williams, Shawn; Wittick, Brian; Wyatt, Melissa; Zimmerman, Jacob; Itzkowitz, Marvin
Subject: 8:00 Events Briefing
Date: Thursday, March 17, 2011 7:24:59 AM
Importance: High

For anyone who is interested you are welcome to come up to the 8:00 Events Briefing for updated information regarding the Japan crisis.

44/163

Coe, Doug

From: Dion, Jeanne
Sent: Thursday, March 17, 2011 5:59 PM
To: Coyne, Kevin
Subject: RES_input_IRCvolunteers.xlsx
Attachments: RES_input_IRCvolunteers.xlsx

As requested

44/164

| Last | First | Position | Phone (301) | Room | Op Center Staffing (Y/N) | Shift Priority 1 (7am-3pm) 2 (3pm-11pm) 3 (11pm-7am) | Japan staffing (Y/N) | Area of expertise (BWR, Dose Assessment/HP, Fuels, Nuclear, Severe Accident, Systems Analysis, T/H, EST or RST etc) | Additional Notes |
|---|-------------|-----------------------------------|-------------|-------|--------------------------|---|----------------------|---|--|
| RES/Division of Systems Analysis - Directors Office | | | | | | | | | |
| Gibson | Kathy | Division Director | 251-7499 | 3-A02 | Y | 1 | | Management, PMT | Already supporting Op Center |
| Scott | Michael | Deputy Division Director (acting) | 251-7524 | 3-B01 | Y | 1,2 | Y | Management, RST | |
| Bajorek | Stephen | Sr. Lvl. Advisor | 251-7561 | 3-D03 | Y | 1,2,3 | Y | System Analysis, T/H | Not available March 24-27 |
| Boyd | Christopher | Sr. Lvl. Advisor | 251-7525 | 3-B02 | | | | | |
| Tinkler | Charles | Sr. Lvl. Advisor | 251-7496 | 2-D01 | Y | 1 | | Severe Accident, Systems Analysis, T/H | Already supporting Op Center |
| Zigh | Abdelghani | Sr. Lvl. Advisor | 251-7505 | 3-B06 | | | | | |
| Rubin | Stuart | Sr. Lvl. Advisor | 251-7527 | 3-B04 | Y | 1,2 | Y | BWR, Severe Accident, System Analysis, EST | |
| Voglewede | John | Sr. Lvl. Advisor | 251-7555 | 3-D01 | Y | 1,2,3 | Y | Fuels | |
| Sherbini | Sami | Sr. Tech. Advisor | 251-7508 | 3-D05 | N | | Y | Dose Assessment/HP | |
| Armstrong | Kenneth | Tech. Assistant | 251-7551 | 3-A01 | Y | 1,2,3 | N | Coordination, Systems Analysis, T/H | Will go to Japan if skill set is needed |
| Bowlin | Elizabeth | Mgmt. Analyst | 251-7955 | 3-A10 | Y | 1,2,3 | N | Liaison, Coordination | |
| RES/Division of Systems Analysis - Code Development Branch | | | | | | | | | |
| Hudson | Nathanael | Reactor Syst. Eng. | 254-7534 | 3-C06 | Y | 3 | N | Systems Analysis, T/H | |
| Staudenmeier | Joseph | Sr. Reactor Syst. Eng. | 251-7522 | 3-A23 | Y | 1 | N | Systems Analysis, T/H | |
| Velazquez-L | Alex | Reactor Syst. Eng. | 251-7509 | 3-A09 | Y | 1,2,3 | Y | System Analysis, T/H | after March 23, 2011 |
| Whitman | Joshua | Reactor Syst. Eng. | 251-7514 | 3-A17 | Y | 1,2,3 | Y | System Analysis | prior TEPCO experience |
| RES/Division of Systems Analysis - Fuel and Source Term Branch | | | | | | | | | |
| Lee | Richard | Branch Chief | 251-7526 | 3-B03 | N | | Y | Severe Accident | |
| Aissa | Mourad | Sr. Crit. Saf. & Reac. Phys. | 251-7511 | 3-A12 | Y | 1 | N | Severe Accident, T/H | Op Center Mon-Wed |
| Algama | Don | Reactor Syst. Eng. | 251-7940 | 3-C26 | Y | 1,2,3 | Y | Core Design, Nuclear | Japanese language experience and cultural experience |
| Esmaili | Hossein | Sr. Reactor Syst. Eng. | 251-7554 | 3-C34 | Y | 1,2 | N | Severe Accident, T/H | Already supporting Op Center |
| Flanagan | Michelle | Reactor Syst. Eng. | 251-7547 | 3-C27 | Y | 1,2 | Y | Fuels, Communication | |

| | | | | | | | | | |
|---------|---------|--------------------|----------|-------|---|-------|---|-----------------|------------------------------|
| Raynaud | Patrick | Reactor Syst. Eng. | 251-7542 | 3-C25 | Y | | | Fuel | traveling from 3/18 to 3/23 |
| Salay | Michael | Reactor Syst. Eng. | 251-7543 | 3-C20 | Y | 1,2,3 | Y | Severe Accident | Already supporting Op Center |
| Wagner | Katie | General Eng. | 251-7552 | 3-C32 | Y | 1,2,3 | N | Communication | |

RES/Division of Systems Analysis - Health Effects Branch

| | | | | | | | | | |
|-----------|--------|----------------------|----------|-------|---|-------|---|---------------------------|---|
| Anzenberg | Vered | Nuclear Eng. | 251-7546 | 3-A20 | Y | 1,2,3 | N | Dose Assessment/HP | |
| Huffert | Tony | Sr. Health Physicist | 251-7506 | 3-C01 | Y | 1,2,3 | Y | RASCAL/Dose Assessment/HP | Already supporting Op Center (like 1st shift, will do 2nd or 3rd if needed) |
| Lewis | Doris | Health Physicist | 251-7559 | 3-C38 | Y | 1 | N | Dose Assessment/HP | Already supporting Op Center |
| Sun | Casper | Health Physicist | 251-7912 | 3-C21 | Y | 1,2 | Y | RASCAL/Dose Assessment/HP | member of the RST, available after 3/21/11 |
| Tomon | John | Health Physicist | 251-7904 | 3-C23 | Y | 1,2,3 | N | Dose Assessment/HP | |

RES/Division of Systems Analysis - New and Advanced Reactors Branch

| | | | | | | | | | |
|--------|----------|------------------------|----------|-------|---|-------|---|--|--|
| Zaki | Tarek | Branch Chief (acting) | 251-7986 | 3-A11 | Y | 2 | N | T/H | |
| Barr | Jonathan | Reactor Syst. Eng. | 251-7538 | 3-C12 | Y | 1,2,3 | N | Coordination, Nuclear | |
| Kelly | Joseph | Sr. Reactor Syst. Eng. | 251-7510 | 3-A18 | Y | 1,2,3 | | Systems Analysis, T/H | |
| Nosek | Andrew | Reactor Syst. Eng. | 251-7476 | 2-C13 | Y | 1,2,3 | N | Offsite Transport and Dose Response, T/H | |
| Rubin | Michael | Reactor Syst. Eng. | 251-7549 | 3-C29 | Y | 2 | Y | T/H | |
| Skarda | Ray | Reactor Syst. Eng. | 251-7969 | 3-C13 | Y | 1,2,3 | Y | Nuclear Threat Assessment, Severe Accident, System Analysis, T/H | |

RES/Division of Systems Analysis - Reactors Systems Analysis Branch

| | | | | | | | | | |
|----------|--------|------------------------|----------|-------|---|-------|---|--|--|
| Elkins | Scott | Branch Chief | 251-7544 | 3-D02 | Y | 1,2 | N | System Analysis | Day Shift on Monday, Wednesday and/or Thursday |
| Dorn | Jaclyn | Reactor Systems Eng. | 251-7565 | 3-C31 | Y | 1,2,3 | Y | System Analysis, T/H | |
| Frankl | Steve | Sr. Reactor Syst. Eng. | 251-7901 | 3-C02 | Y | 1,2 | Y | BWR, Fuel, Nuclear, System Analysis, T/H | |
| Krepel | Scott | Reactor Systems Eng. | 251-7421 | 3-A21 | Y | 1,2 | Y | BWR, System Analysis | |
| Lien | Peter | Sr. Reactor Syst. Eng. | 251-7540 | 3-C14 | Y | 1,2,3 | N | System Analysis, T/H | Shift 1 or 2 preferred |
| Marshall | Shawn | Reactor Systems Eng. | 251-7523 | 3-A26 | Y | 2 | N | Coordination, T/H | |

| | | | | | | | | | |
|--------|-------|------------------------|----------|-------|---|---|---|--|--|
| Yarsky | Peter | Sr. Reactor Syst. Eng. | 251-7518 | 3-A19 | Y | 1 | Y | BWR, Containment Systems, System Analysis, T/H | |
|--------|-------|------------------------|----------|-------|---|---|---|--|--|

RES/Division of Systems Analysis - Special Projects Branch

| | | | | | | | | | |
|-----------|----------|--------------------------|----------|-------|---|-------|---|--|---|
| Santiago | Patricia | Branch Chief | 251-7982 | 2-D04 | Y | 1,2,3 | N | Dose Assessment/HP | Will go to Japan if skill set is needed |
| Chang | Richard | Program Manager | 251-7980 | 2-A17 | Y | 1,2,3 | N | Coordination | |
| Gonzalez | Sergio | STUDENT ENGINEER (CO-OP) | 251-7453 | 2-C18 | Y | 1 | N | Coordination | |
| Navarro | Carlos | Reactor Syst. Eng. | 251-7485 | 2-C26 | Y | 1,2,3 | N | Dose Assessment (RASCAL) | |
| Schaperow | Jason | Sr. Reactor Syst. Eng. | 251-7452 | 2-A19 | Y | 1 | | Severe Accident, Systems Analysis, T/H | Already supporting Op Center |

RES/Division of Risk Analysis

| | | | | | | | | | |
|------------|----------|--------------------------------|----------|--------|---|-------|---|--|--------------------------------|
| Chang | James | human reliability eng. | 251-7589 | 4-C03 | Y | 1,2,3 | n | PRA, human reliability | |
| Beasley | Ben | branch chief (Op ex.) | 251-7676 | 2-B1 | Y | 1,2,3 | n | systems analysis, severe accidents | |
| Criscone | Larry | risk and reliability eng. | 251-7603 | 2-A14 | Y | 1,2,3 | y | systems analysis, operations | not available until 3/22 |
| Ibarra | Joseph | Reactor Systems Eng. | 251-7612 | 2-A10 | Y | 1,2,3 | n | | |
| Kauffman | John | Sr. Reactor Systems Eng. | 251-7465 | 2-C01 | y | 1,2,3 | y | BWR, Mark 1 containment | |
| Lane | John | Sr. Risk and Reliability Eng. | 251-7446 | 2-A12 | y | 1,2,3 | y | severe accident, containment systems | |
| Stroup | David | Fire protection eng | 251-7609 | 4-C32 | y | 1,2,3 | n | fire protection | |
| Hill | Kendra | General Eng. | 251-3300 | 4-C20 | y | 1,2,3 | n | fire protection, HRA | |
| Taylor | Gabriel | Fire protection eng. | 251-7576 | 4-C07M | y | 1,2,3 | n | fire protection | |
| Melly | Nicholas | Fire protection en. | 251-7916 | 4C-07M | y | 1,2,3 | n | fire protection | |
| Gonzalez | Felix | risk and reliability eng. | 251-7596 | 4-C11 | y | 1,2,3 | n | fire protection | |
| Stutzke | Marty | Sr. Lvl. Advisor | 251-7614 | 4-D5 | y | 1,2,3 | n | PRA | |
| Helton | Don | risk and reliability eng. | 251-7594 | 4-C9 | y | 1,2,3 | | TH, spent fuel behavior, sytem modeling, sever accidents | Not available till Mar 18 |
| Marksberry | Don | Reactor Systems Eng. | 251-7593 | 4-C8 | y | 1,2,3 | n | IRC coordinator | |
| Coe | Doug | Division Director | 251-7914 | C-4A2 | y | 1,2,3 | y | PRA, Systems analysis | not available until March 20th |
| Drouin | Mary | Sr. Program manager | 251-7574 | 4-A15 | y | 1,2,3 | | Reactor systems, PRA | Not available till Mar 18 |
| Salley | Mark | branch chief (Fire protection) | 251-7613 | 4-D02 | n | | y | fire protection | not available for IRC |

From: Wray, Roxanne
To: Correia, Richard; Layton, Michael; Erlanger, Craig; Wastler, Sandra; Huyck, Doug; Caldwell, Robert
Subject: FW: list of employees working on the Op Center?
Date: Thursday, March 17, 2011 9:38:36 AM
Importance: High

Please let me know which staff members are working in the Ops Center supporting Japan. Bridget will add the TAC to their profiles. Thanks.

From: Curran, Bridget
Sent: Thursday, March 17, 2011 9:36 AM
To: Riffle, Deani; Williamson, Linda; Wray, Roxanne
Subject: list of employees working on the Op Center?

Good Morning Ladies,

Do you have a list of those employees from your divisions who are/have been working in the Op Center due to the Japan Earthquake and Tsunami? Please advise. I'd like to add the new TAC code to their HRMS profile.

Thanks,

Bridget Curran
Program Analyst
NSIR/PMDA/FMB
301-415-1060

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From: Sheron, Brian
To: Coyne, Kevin; Bonaccorso, Amy; Calvo, Antony; Case, Michael; Coe, Doug; Correia, Richard; Dion, Jeanne; Gibson, Kathy; Lui, Christiana; Richards, Stuart; Rini, Brett; Sangimino, Donna-Marie; Uhle, Jennifer; Valentin, Andrea
Subject: FW: WAIVER OF WORK SCHEDULE AND PAY CAP RULES FOR WORK IN RESPONSE TO THE EVENTS IN JAPAN
Date: Thursday, March 17, 2011 9:55:22 AM

Andrea, can PMDA take the lead to collect the list of names of staff that are performing emergency-related premium work and the dates that the people worked. Divisions should supply this information to Andrea. Thanks.

From: Flory, Shirley **On Behalf Of** RidsResOd Resource
Sent: Thursday, March 17, 2011 9:18 AM
To: Rini, Brett; Armstrong, Kenneth; Ibarra, Jose; Rivera-Lugo, Richard; Case, Michael; Coe, Doug; Coyne, Kevin; Gibson, Kathy; Richards, Stuart; Sangimino, Donna-Marie; Scott, Michael; Sheron, Brian; Uhle, Jennifer; Valentin, Andrea
Subject: FW: WAIVER OF WORK SCHEDULE AND PAY CAP RULES FOR WORK IN RESPONSE TO THE EVENTS IN JAPAN

From: RidsResPmdaMail Resource
Sent: Thursday, March 17, 2011 8:50 AM
To: Valentin, Andrea; RidsResOd Resource
Cc: Donaldson, Leslie; Chan, Deborah; Isakovic, Nadja
Subject: FW: WAIVER OF WORK SCHEDULE AND PAY CAP RULES FOR WORK IN RESPONSE TO THE EVENTS IN JAPAN

Please read the following memo in response to work schedules and pay cap for Japan response.

Thanks,
Heather

From: Khan, Charline
Sent: Thursday, March 17, 2011 7:29 AM
To: RidsAcraAcnw_MailCTR Resource; RidsAslbpManagement Resource; RidsOgcMailCenter Resource; RidsOcaaMailCenter Resource; RidsOcofoMailCenter Resource; RidsOigMailCenter Resource; RidsOipMailCenter Resource; RidsOcaMailCenter Resource; RidsOpaMail Resource; RidsSecyMailCenter Resource; RidsSecyCorrespondenceMCTR Resource; RidsEdoMailCenter Resource; RidsAdmMailCenter Resource; RidsCsoMailCenter Resource; RidsOeMailCenter Resource; RidsFsmeOd Resource; RidsOiMailCenter Resource; RidsOIS Resource; RidsHrMailCenter Resource; RidsNroOd Resource; RidsNroMailCenter Resource; RidsNmssOd Resource; RidsNrrOd Resource; RidsNrrMailCenter Resource; RidsResOd Resource; RidsResPmdaMail Resource; RidsSbcrMailCenter Resource; RidsNsrOd Resource; RidsNsrMailCenter Resource; RidsRgn1MailCenter Resource; RidsRgn2MailCenter Resource; RidsRgn3MailCenter Resource; RidsRgn4MailCenter Resource
Cc: Davidson, Lawrence; Buchholz, Jeri; Johns, Nancy
Subject: WAIVER OF WORK SCHEDULE AND PAY CAP RULES FOR WORK IN RESPONSE TO THE EVENTS IN JAPAN

MEMORANDUM TO: Those on the Attached List

FROM: Miriam L. Cohen, Director/**RA by J. Buchholz for/**

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company claims as proprietary should be disclosed. The letter gives the company the opportunity to object to disclosure and if the company has any objection it must provide the agency a statement specifying the grounds why the information continues to be proprietary. The FOIA staff in consultation with OGC and the originating office will review the statement and reach a final agency decision and inform the company and the requester of that decision. **PROVIDE A FORESEEABLE HARM STATEMENT ONLY IF NOT OBVIOUS**

Exemption 5: Interagency or intraagency records that are not available through discovery during litigation. This is normally referred to as predecisional information and includes information that would reveal (1) a deliberative process but only those portions which reveal advice, opinions, and recommendations, (2) attorney work-products and (3) records covered by the attorney-client privilege. This exemption's goal is to encourage the open, frank, and candid exchange of opinions needed for good decision making, protect against premature disclosure of public policies, and protect against public confusion by disclosure of reasons and rationale that are not in fact actual reasons for agency decisions. Note that final agency decisions and interpretations can not be withheld under this exemption. **A FORESEEABLE HARM STATEMENT MUST BE PROVIDED FOR EXEMPTION 5, DELIBERATIVE PROCESS ONLY. ATTORNEY-CLIENT PRIVILEGE AND ATTORNEY-WORK PRODUCT DO NOT REQUIRE A FORESEEABLE HARM STATEMENT**

Exemption 6: Information if released would result in a clearly unwarranted invasion of personal privacy. For example, this includes social security numbers, home addresses, home or personal telephone, cell and pager numbers, personal non-government e-mail addresses, date of birth, marital status, number of children, and non-job related interests, personal medical, financial, performance and disciplinary information. For application packages, candidate evaluations, personnel forms SF 50 and SF 52, and appraisal-related records, guidance can be obtained from your office FOIA coordinator. **PROVIDE A FORESEEABLE HARM STATEMENT ONLY IF NOT OBVIOUS**

Exemption 7: Records compiled for law enforcement purposes. Sections A, C, and D are the most frequently used parts of this exemption.

7A: Disclosure could reasonably be expected to interfere with an enforcement proceeding. This exemption is used for records involved in an open allegation file, an ongoing investigation by the Office of Investigation (OI) or Office of the Inspector General (OIG), or in an ongoing enforcement action. **PROVIDE A FORESEEABLE HARM STATEMENT ONLY IF NOT OBVIOUS**

7B: Would deprive a person of a fair trial or an impartial adjudication. **PROVIDE A FORESEEABLE HARM STATEMENT ONLY IF NOT OBVIOUS**

- 7C: Disclosure could reasonably be expected to constitute an unwarranted invasion of personal privacy. (See examples under Exemption 6.) Note the threshold for invoking Exemption 7C is less than that for Exemption 6 because Exemption 6 requires that the invasion of personal privacy be clearly unwarranted. **PROVIDE A FORESEEABLE HARM STATEMENT ONLY IF NOT OBVIOUS**
- 7D: Information consists of names of individuals and other information the disclosure of which could reasonably be expected to reveal the identities of confidential sources. Confidential sources generally must have a written confidentiality agreement with the NRC. However that is not required by the OIG. **PROVIDE A FORESEEABLE HARM STATEMENT ONLY IF NOT OBVIOUS**
- 7E: Disclosure would reveal techniques and procedures for law enforcement investigations or prosecutions, or guidelines that could reasonably be expected to risk circumvention of the law. **PROVIDE A FORESEEABLE HARM STATEMENT ONLY IF NOT OBVIOUS**
- 7F: Disclosure could reasonably be expected to endanger the life or physical safety of an individual. **PROVIDE A FORESEEABLE HARM STATEMENT ONLY IF NOT OBVIOUS**

If you have questions regarding the application of exemptions you should consult with your own management or office FOIA coordinator

Step 7: Bracket information that should be withheld.

If the entire record is to be withheld write at the top of the first page: "Withhold All" and note the applicable FOIA exemption(s). If only a part of a record is to be withheld, whether it be part of a page, paragraph, or sentence, the information should be enclosed in brackets preferably using a red pencil and the applicable FOIA exemption noted in the margin next to the brackets. The FOIA requires that information that can be released be segregated from that which is withheld, thus it is important that you carefully consider what information can be released, and what must be withheld. In particular, facts in predecisional records must be segregated from any advice, opinions or recommendations or other deliberative process information that is to be withheld. Also, make sure that information you are proposing to be withheld has not already been released to the public. Finally, remember you are only to bracket information to be withheld. The FOIA /PA Specialist is responsible for actually deleting withheld information in records prior to their release to the requester.

Step 8: Organize the records responsive to the request and submit them to your office FOIA coordinator.

Organize the responsive records into the following categories and list on separate pages as follows. Remember that all responsive records must be provided to the office FOIA coordinator regardless of whether they will be released or withheld in whole or in part. (Note the suggested format for compiling a list of records is as follows: Record Date, Originator, Originator Organization, Brief Subject and Page Count.)

- (1) **Records Already Publicly Available** - if in ADAMS (main and legacy libraries) include the ADAMS Accession Number or include a printout if the records were identified via an ADAMS search along with the criteria used to perform the search.
- (2) **Records Being Released in Their Entirety** - if the record is already in the ADAMS but not publicly available include the record's ADAMS Accession Number.
- (3) **Records Containing Security-Related Information** - these records will be released only to the requester and not made publicly available in ADAMS until a third FOIA request is received for the same record. When a third request is received, the record will be made publicly available in ADAMS.
- (4) **Records Being Released in Part** with the exemption(s) noted (*a foreseeable harm statement must be provided for exemptions 2(high) and 5(Deliberative Process)*).
- (5) **Records Being Withheld in Their Entirety** with the exemption(s) noted (*a foreseeable harm statement must be provided for exemptions 2(high) and 5(Deliberative Process)*).
- (6) **Records to be Referred to the Originating Office, Agency, or Company.**
 - (a) Identify any records submitted to the Commission or a Commissioner and provide a recommendation whether the record should be released or withheld because NRC policy requires Commission approval of the recommendation.
 - (b) Identify if any responsive record(s) involve(s) a subject for which litigation is either ongoing or is probable. This will ensure coordination with the Office of General Counsel, the NRC Solicitor, and when necessary the Department of Justice.
 - (c) Where an email contains the exchange between two or more offices, the submitting office is responsible for making a disclosure determination on the portions of the email originated by its staff and indicating the originating office(s) for the remaining portions.
 - (d) If a record contains proprietary information, remember to provide a copy of any affidavit provided by the submitted and any NRC decision letter. If the decision is still pending on submitted request for proprietary treatment of the record please note that in the response. Also since a letter will be sent to the submitted by the FOIA/PA Officer, please provide an address if it is not apparent on the record.

Step 9: Submit your response package to the FOIA/PA caseworker.

Within **ten** (10) working days, your office is required to submit records to the FOIA/PA caseworker handling the processing of the request. You should provide your office FOIA coordinator your response package within the time frame specified by your office. If you can not respond within your office's time frame, you should obtain your management approval and inform your office FOIA coordinator as soon as possible and explain why a delay will occur and when you expect to provide the complete response.

Your transmittal memo to the FOIA/PA caseworker must indicate whether the response does or does not contain security-related information. Your memo must also provide foreseeable harm statements for exemptions 2(high) and 5(*Deliberative Process*). You only need to provide a foreseeable harm statement for exemptions 1, 3, 4, 6, 7A and 7C if the reason

is not obvious. While each document or portion of a document protected by exemptions 2(high) and 5(*Deliberative Process*) must be addressed in a foreseeable harm statement, a single statement may cover multiple documents or multiple portions of documents, provided that the harm foreseen, and the reasons why the harm is foreseen, are the same for each. While foreseeable harm statements do not need to be lengthy, they should be reasonably specific.

You should include in your response the actual search time and review time you spent on processing the request.

Do not put your office FOIA response in ADAMS. The FOIA/PA caseworker will place the FOIA request, NRC's response(s) to the requester (including the appendices and records) in ADAMS should the determination be made that the FOIA can be made publicly available.

From: [Virgilio, Martin](#)
To: [Virgilio, Rosetta](#)
Subject: Fw: Concerns by Office of Public Affairs
Date: Thursday, March 17, 2011 2:17:15 PM

FYI

From: Landau, Mindy
To: Borchardt, Bill; Virgilio, Martin; Weber, Michael; Ash, Darren
Cc: Muessle, Mary; Andersen, James
Sent: Thu Mar 17 13:01:33 2011
Subject: Concerns by Office of Public Affairs

I just had a meeting with Holly Harrington, who brought up some issues that I think merit consideration. With the onslaught of interest in the event, we probably should give some thought to postponing any public meetings coming up in the next couple of weeks that haven't already been noticed, and that aren't particularly time significant. The end-of-cycle meetings may not fall in this category, but other meetings may be able to be postponed.

We can expect a large media contingent at any public meeting we hold over the next few weeks, and OPA is not staffed up enough to make PAOs available for these meetings, because of the response to the Japanese events. They haven't been able to issue press releases on normal activities at all (like regular public meetings) because of all the press/public interest.

If we decide to delay these meetings we would want to include those at HQ and the Regions.

Thanks,
Mindy

Mindy S. Landau
Deputy Assistant for Operations
Communication and Performance Improvement
Office of the Executive Director for Operations
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555
301-415-8703
mindy.landau@nrc.gov

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From: [Miller, Chris](#)
To: [Dorman, Dan](#); [Virgilio, Martin](#)
Subject: FW: **Update 1:15pm March 16** Information on the Japanese Earthquake and Reactors in that Region
Date: Thursday, March 17, 2011 12:40:53 AM

Not sure if you have seen this NEI info.
chris

From: NEIGA@nei.org [mailto:NEIGA@nei.org]
Sent: Wednesday, March 16, 2011 2:01 PM
To: Miller, Chris
Subject: **Update 1:15pm March 16** Information on the Japanese Earthquake and Reactors in that Region



UPDATE AS OF 1:15 P.M. EDT, WEDNESDAY, MARCH 16:

NEI has posted an updated version of the fact sheet [Used Nuclear Fuel Storage at the Fukushima Daiichi Nuclear Power Plant](#). Also available is a new fact sheet called [Industry Taking Action to Ensure Continued Safety at U.S. Nuclear Energy Plants](#).

As always, please go to <http://resources.nei.org/japan> for the latest updates.

Click [here](#) to unsubscribe



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From: [Miller, Chris](#)
To: [Virgilio, Martin](#); [Dorman, Dan](#)
Subject: Emailing: U.S. working to move citizens from affected areas in Japan - CNN.com.htm
Date: Thursday, March 17, 2011 2:16:17 AM
Attachments: [image002.png](#)
[image025.png](#)
[image026.png](#)
[image027.png](#)
[image028.png](#)

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U.S. working to move citizens from affected areas in Japan

By Charley Keyes, CNN



44/1209



Pres. Obama offers support to Japan

STORY HIGHLIGHTS

U.S. officials warn against traveling to dangerous areas in Japan
The State Department is exploring ways to get people out of the area
The U.S. military has about 43,000 family members in Japan

Washington (CNN) -- The State Department announced late Wednesday that it has approved the departure of family members of U.S. government personnel from certain areas of Japan in the aftermath of the earthquake, the tsunami and the nuclear power plant crisis.

Americans are urged to postpone all travel to the affected areas, the U.S. said, hours after expanding the recommended evacuation zone around the nuclear plants to a radius of 50-miles. The Japanese government has told people to evacuate to at least 20 kilometers (12 miles) away from the damaged reactors.

"The State Department has authorized the voluntary departure from Japan of eligible family members of U.S. government personnel assigned to the U.S. Embassy in Tokyo, the U.S. Consulate in Nagoya, and the Foreign Service Institute Field School in Yokohama," the announcement said.



Blizzards follow earthquake, tsunami



Water dropped on nuclear plant



Japanese port damaged

RELATED TOPICS

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"U.S. citizens should defer all travel to the evacuation zone around Fukushima Daiichi Nuclear Power Plant, areas affected by the earthquake and tsunami, and tourism and nonessential travel to the rest of Japan at this time," the announcement said.

The State Department said it's exploring ways to assist with the departure of American citizens, including the possibility of chartering aircraft.

And the Pentagon announced late Wednesday that it also would assist in the departure of dependents of its military and Defense Department personnel from crisis areas in Japan.

"U.S. forces remain in Japan and the U.S. has full capability to fulfill our alliance commitments to defend Japan and maintain peace and security in the region," a statement from Pentagon spokesman, Col. Dave Lapan said. "The Department of Defense will implement the Dept of State-approved voluntary departure for eligible DoD dependents."

The U.S. military has about 43,000 family members in Japan, but it is unclear how many are in the affected areas, Lapan said.

CNN's Larry Shaughnessy contributed to this report.

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Japan disaster

Japan disaster live blog



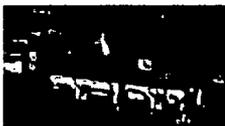
Find up-to-the-minute updates on the situation in Japan with CNN's This Just In blog.

The exodus from Tokyo



As the nuclear emergency persists, the airports in Tokyo are becoming clogged with passengers.

Q&A: Japan's nuclear timebomb



A new fire was reported Wednesday in a reactor building at Japan's Fukushima Daiichi nuclear plant.

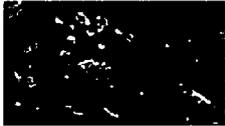
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Mapping impact of disaster



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Finding family alive on YouTube



Akiko Kosaka, student in the United States, had lost all hope for her family who lives in a tsunami-hit fishing village

How bad is nuclear crisis?



Experts disagreed over just how bad things have gotten at the Fukushima Daiichi nuclear plant in Japan

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From: Borchardt, Bill
To: Landau, Mindy; Virgilio, Martin; Weber, Michael; Ash, Darren
Cc: Muessle, Mary; Andersen, James
Subject: RE: Concerns by Office of Public Affairs
Date: Thursday, March 17, 2011 1:33:56 PM

I'm certainly willing to discuss this, and while I think they raise a good question I believe that we should make every reasonable attempt to keep our domestic activities as normal as possible. Having said that, if the key staff are not available for a meeting due to ops center impacts, etc I believe that would be an appropriate basis for postponement. Arming our staff with a few key talking points on Japan and pointers to where interested stakeholders can get additional information would have to be sufficient.

From: Landau, Mindy
Sent: Thursday, March 17, 2011 1:02 PM
To: Borchardt, Bill; Virgilio, Martin; Weber, Michael; Ash, Darren
Cc: Muessle, Mary; Andersen, James
Subject: Concerns by Office of Public Affairs

I just had a meeting with Holly Harrington, who brought up some issues that I think merit consideration. With the onslaught of interest in the event, we probably should give some thought to postponing any public meetings coming up in the next couple of weeks that haven't already been noticed, and that aren't particularly time significant. The end-of-cycle meetings may not fall in this category, but other meetings may be able to be postponed.

We can expect a large media contingent at any public meeting we hold over the next few weeks, and OPA is not staffed up enough to make PAOs available for these meetings, because of the response to the Japanese events. They haven't been able to issue press releases on normal activities at all (like regular public meetings) because of all the press/public interest.

If we decide to delay these meetings we would want to include those at HQ and the Regions.

Thanks,
Mindy

Mindy S. Landau
Deputy Assistant for Operations
Communication and Performance Improvement
Office of the Executive Director for Operations
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555
301-415-8703
mindy.landau@nrc.gov

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From: Maritime Executive Magazine
To: Virginia Martin
Subject: MarEx Newsletter | Japanese Ports Suffer From Double Disaster, Libyan Rebels Hijack Oil Tanker
Date: Thursday, March 17, 2011 2:00:52 PM
Attachments: powerphotos.png

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Volume 9, Edition 22 (March 17, 2011)



Japanese Ports Suffer From Double Disaster



Devastation in Japan continues to unfold as shipping into the nation's ports is severely affected by infrastructural damage, and the threat of radiation exposure to vessels.

According to industry sources, there is significant damage to all of the following Japanese ports: Hachinohe, Hitachi, Hitachinaka, Ishinomaki, Kamaishi, Kashima, Ofunato, Onahama, Sendai-Shiogama and Soma.

The world's largest container shipping company, Maersk Line, has officially suspended service to three Japanese ports that were affected by the tsunami, Sendai, Onahama, and Hachinohe. The company reported that while details regarding the state of their terminals at the ports, they do know they have suffered serious damage.

Maersk's suspension to multiple Japanese ports is just one instance of supply chain disruption in . . .

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Libyan Rebels Hijack Oil Tanker

The oil



tanker part of Libya's shipping Line GNMTC says one of their tankers, the Anwaar Afriqya, was seized by a group of armed rebels from the east of the country.

The ship was taken off the coast of Darnah en route from Greece, according to a source and being diverted to the port Tobruk near Egypt. GNMTC confirmed that the vessel carrying 23,800 metric tons of gasoline is now docked at Tobruk.

Libyan authorities have acknowledged that rebels did indeed

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capture the state-owned oil tanker, which is run by Moammar Gadhafi's son Hannibal's state oil company.

Websites for the opposition and reported late on Tuesday that an oil tanker had been hijacked by rebels who are hoping to unseat Gadhafi.

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Israeli Navy Seizes Weapon-Loaded Ship Headed For Gaza



Israeli Navy officials have successfully intercepted a cargo ship in the Mediterranean bound for the Gaza strip in Egypt that was carrying arms, reportedly linked to Iran and Hamas.

The Israeli Defence Forces (IDF) made a statement declaring that they intercepted a Libenian-flagged and German-owned vessel named Victoria about 200 nautical miles off the Israeli coast in the Mediterranean on Tuesday. The vessel was en route from Turkey to the port of Alexandria in Egypt before being boarded by the Israeli naval officials.

The prime minister of Israel said that this operation was internationally approved and that they had a solid basis that there was weaponry destined for Palestrian militant use against Israel on the ship. The weapons are reputedly considerable and descended from Iran, although the details of the seized weapons is...

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\$5 Billion Investment Made in Asian Maritime Market



The

Carlyle Group has teamed up with Seaspan and other key maritime players in Asia, Dennis Washington, Gerry Wang, and Graham Porter, to expand upon the growing demand of cargo in Asia, particularly China, with containership and tanker proliferation.

Carlyle Group stated that they will be investing the \$4.95Billion into containerships that

transport consumer goods, dry bulk carriers with coal and iron ore, and tankers bringing in oil and LNG. The opportunity for growth and rising demand of energy resources and steel merits their vast investment into trade

Containership company and venture partner, Seaspan, has placed a \$2 billion order for 22 newbuilds with Chinese shipbuilder Yangzijiang. The New Panamax vessels will cost around \$98 million a piece and about 30% more energy efficient than previous models.

The new company is slated to...

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TransCanada Pipeline Faces Extended Environmental Review



The proposed Keystone XL pipeline from TransCanada to carry Canadian oil sands oil to Gulf Coast refineries will be further delayed as the U.S. government conducts extended environmental review of the drastic undertaking.

The action by the U.S. seeking public comment in mid-April on the pipeline is in response from environmental groups calling on the Obama administration to further investigate before making a decision. The decision should be made by the end of the year, with opposition from environmentalists increasing the present fear of another North American oil disaster and contamination of key drinking water sources

New studies by U.S. environmental organizations said there is a warning for higher risk of corrosion-related spills due to the higher number of abrasives, temperature, and acidity in tar sands oil. TransCanada has rebutted this...

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BOEMRE Calls for Public Input on Proposed 2012-2017 Gulf of Mexico Lease Sales

The



Bureau of Ocean Energy Management, Regulation and Enforcement (BOEMRE) today announced it is seeking information and nominations from all interested parties regarding proposed oil and gas lease sales in the Gulf of Mexico Western and Central

Planning Areas for the 2012-2017 Outer Continental Shelf (OCS) Oil and Natural Gas Leasing Program.

BOEMRE will analyze information received in response to this Call for Information and Nominations (Call), which will primarily identify and evaluate areas with potential for oil and gas development, as well as determine possible environmental effects and potential conflicts in the Call area. This is in addition to the information collected through the National Environmental Policy Act (NEPA) review process. Comments will be used to develop lease terms and conditions to ensure safe offshore operations. Comments will also be used to assess...

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[EPA Allows U.S. Flagged Ship To Dump On South Asian Beach](#)



According to the U.S. Maritime Administration, a U.S. flagged tanker named "Prince William Sound," owned in part by a BP subsidiary, has been given clearance by the U.S. Environmental Protection Agency (EPA) to be sold, knowing it would be beached on the infamous scrapping beaches at Alang, India. Meanwhile EPA has refused after repeated requests to deliver to BAN any particulars as to why the clearance was given.

The ship was built in 1975 and likely contains toxic wastes including polychlorinated biphenyls (PCBs), asbestos, lead and TBT based paints. Sources indicate that 50-70 shipbreaking workers die each year at Alang from explosions, falling steel plates and exposure to toxic materials.[1] According to reliable industry sources, the beaching at Alang is expected to happen in a matter of hours should nobody intervene. Toxic exports of this kind violate the United Nations. .

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[Austal High Speed Craft Assists Humanitarian Relief Efforts](#)

Austal-built high speed ferries have recently been engaged to assist in relief efforts in Japan and Libya, demonstrating the adaptability and suitability of high speed craft in providing a rapid response to humanitarian assistance operations. Austal's 101 metre "WestPac Express", which has operated as a high speed theatre support vessel with the Okinawa based Third Marine Expeditionary Force (III MEF) of the United States Marine Corps for over 10 years, is currently deployed to mainland Japan to provide support for foreign humanitarian assistance operations following the devastating March 11, 2011 earthquake.

"WestPac Express" will deliver a Forward Arming and Refuelling Point (FARP) for use in the assistance operations. A FARP is a temporary facility that allows aircraft to conduct continuous operations without having to return to an established airport to obtain fuel. The vessel...

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LoBiondo: Piracy Cannot Be Tolerated By U.S. Or International Community

The 

Subcommittee on Coast Guard and Maritime Transportation today conducted a hearing on acts of piracy on the high seas, particularly off the Horn of Africa, and the effectiveness of U.S. efforts to address and respond to this growing international threat. The following is the statement of Subcommittee Chairman Frank LoBiondo (R-NJ) from today's hearing:

"The Subcommittee is meeting this morning to review efforts by the United States and the international community to respond to piracy on the high seas and prevent future attacks. Since the Subcommittee's last hearing on this topic, Somali pirates have vastly expanded the range of their attacks on merchant vessels to encompass much of the western Indian Ocean. But even more alarming, the pirates have dramatically increased the number and viciousness of their...

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The FMC Reaches Compromise and Collects Penalties With Violators Of Shipping Act

The 

Federal Maritime Commission today announced four compromise agreements recovering a total of \$297,500 in civil penalties for alleged violations of the Shipping Act. The agreements were reached with five ocean transportation intermediaries (OTIs), acting as non-vessel-operating common carriers (NVOCCs). The agreed penalties resulted from investigations conducted by the Commission's Area Representatives in Los Angeles, South Florida, and Washington, D.C. Staff attorneys with the Bureau of Enforcement negotiated the compromise agreements. The parties settled and agreed to penalties, but did not admit to violations of the Act or the Commission's regulations.

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EU NAVFOR welcomes the German Frigate FGS NIEDERSACHSEN



Commanded by Commander Abry, the ship and its crew are fully prepared and trained to take an active part within ATALANTA and in all anti piracy operations. NIEDERSACHSEN is equipped with extensive self defence and has 2 Sea Lynx MK-88 helicopters at its disposal.

As a flexible warship, NIEDERSACHSEN is perfectly adapted to counter-piracy missions and will improve the capability of EUNAVFOR to protect vulnerable vessels, especially those of the World Food Programme, to deter and prevent acts of piracy, and to contribute to monitoring fishing activities off the coast of Somalia.

F-208 NIEDERSACHSEN holds 215 crew members, including 14 officers. She has been commissioned for service in the German Navy since 1982; the displacement is 3.680 tons and she has a length of 130 meters.

EUNAVFOR Somalia –
Operation...

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**Surge In Bid For ISSA
Quality Standard
Approval**

Over 
20

Members have been approved by the ISSA Quality Standard 2010 in the first two months of this year - more than the total number for the whole of last year.

The figure underpins the determination of the International Shippers & Services Association to improve the quality of global ship supply.

The ISSA Quality Standard was devised to set the minimum standard benchmark for the ship supply industry that ISSA Members should strive to achieve and an updated Standard came into effect on 1st January this year to take into account a number of fresh initiatives. These included catering standards onboard ship and many environmental considerations such as avoiding the use of excessive packaging and better control of the disposal of toxic and carcinogenic material in port.

ISSA President Jens Olsen said: "These figures are excellent news because they really show a significant increase..."

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**Oil & Gas Camera
Technology Specialist
EV Secures
Investment**



Rapidly-emerging oil and gas remote camera technology specialists EV has secured more than £6 million investment in order to fast track its growth. The company will use the investment to commercialise new technology and rapidly grow its business on a global basis.

Norwich and Aberdeen based EV has developed ground-breaking camera and video technology that allows pictures to be taken in remote and challenging environments such as down oil and gas wells and on the seabed. It secured the investment from leading energy-focused private equity firm Lime Rock

Partners.

EV has already experienced rapid expansion over the last year during which the company has opened new premises in Aberdeen and Louisiana, USA, as well as created more than 50% new jobs, bringing the number of employees to more than 30. Six new jobs have been created in Aberdeen.

Francis Neill, chief executive...

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8th Annual N. American Marine Highways & Logistics Conference

April 5-6, 2011,



at the Conference Center at the Maritime Institute, Linthicum Heights, Maryland, near Baltimore, Maryland

Theme: INTERMODAL'S ROAD AHEAD

The supply chain of the future will be intermodal, but the fundamentals remain the same. Companies want the best value for shipping their products: the most efficient transportation for the lowest cost, and the value proposition may not be truck or rail alone. Shippers will face complex decisions to make as carriers contend with congestion, air quality issues, rising fuel costs, driver shortages, and new regulations

We would like to introduce the waterways as the newest piece of the intermodal mix. The marine highway can be a link in an intermodal supply chain that moves goods to their destination by ocean, inland river or Great Lakes in a cost-effective, environmentally-friendly way. Marine transportation can...

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Marine Travelift Products Gain New Exposure In South America



Marine Travelift Inc. is proud to recognize Ribeca Equipment Inc. as its newest dealership in South America. Created by Roberto Rizo Benedetto, along with his wife and two sons, the new company seeks to advance the Marine Travelift products throughout Venezuela, Colombia,

Panama and Costa Rica.

"I am very excited to work with my sons and to be able to pass along and share my years of experience and continued product training," he said.

Rizo worked with Marine Travelift products for twelve years as the special projects manager with a South American machinery and equipment company. There he promoted sales of parts, service and new equipment for Marine Travelift line of products.

Now with Ribeca Equipment Inc. he hopes, "to create a sense of confidence with each customer that they are buying the best product out there and have people that will support them with service and parts..."

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Maritime Lecture Series By Captain Robert Ward



Maritime Lecture Series

April 1, 2011

"The Use and Misuse of Nautical Paper and Electronic Charts & the New STCW95 ECDIS Standards"

By Captain Robert Ward, Director, International Hydrographic Organization (IHO)

Captain Robert Ward, Director of the IHO, will speak to the "Use and Misuse of Electronic Charts." He will also provide insight into fundamental issues affecting the proper use of ECDIS and the upcoming STCW95 electronic chart training standards. The event will be held at the Maritime Institute of Technology and Graduate Studies (MITAGS) on Friday, April 1, 2011, at 1000. Captain Ward will be available after the morning lecture...

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From: [NYTimes.com](http://www.nytimes.com)
To: [Virgilio, Martin](#)
Subject: Today's Headlines: U.S. Calls Radiation "Extremely High," Sees Japan Nuclear Crisis Worsening
Date: Thursday, March 17, 2011 4:32:54 AM

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Today's Headlines

March 17, 2011

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TOP NEWS

U.S. Calls Radiation 'Extremely High,' Sees Japan Nuclear Crisis Worsening

By DAVID E. SANGER, MATTHEW L. WALD
and HIROKO TABUCHI

The chairman of the United States
Nuclear Regulatory Commission gave a
bleaker appraisal of the threat, but
Japanese officials played down the
concerns.



Videos About Japan's Nuclear Crisis



Q. and A. on the Nuclear Crisis



Interactive: Evacuation Zone around
Nuclear Plant

NEWS ANALYSIS

Flaws in Japan's Leadership Deepen Sense of Crisis

By HIROKO TABUCHI, KEN BELSON and NORIMITSU ONISHI

Never has Japan's weak, rudderless system of governing been so clearly exposed or mattered so much.

C.I.A. Security Officer Is Freed in Pakistan as Redress Is Paid

By CARLOTTA GALL and MARK MAZZETTI

American officials won the release of Raymond A. Davis, who was under investigation for murder, after the families of the victims accepted a payment, a lawyer said.

• [NYTimes.com Home Page](#) »

QUOTATION OF THE DAY

"We believe that radiation levels are extremely high, which could possibly impact the ability to take corrective measures."

GREGORY JACZKO, chairman of the Nuclear Regulatory Commission, on the crisis at a Japanese nuclear power plant.

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SCIENCE

INTERACTIVE

FEATURE: **Forecast for Plume's Path Is a Function of Wind and Weather**

The Comprehensive Nuclear Test Ban Treaty Organization shows how weather patterns this week might disperse radiation from a continuous source in Fukushima Prefecture, Japan. 

OPINION

OPINIONATOR **Degrees of Influence?**

By WILLIAM D. COHAN
As elite higher education turns prohibitively expensive and the job market shrinks, a reminder that dropping out is no guarantee of failure.

WORLD

Scientists Project Path of Radiation Plume

By WILLIAM J. BROAD

The plume may reach California on Friday, but health officials say it poses very little risk.

 Graphic: Forecast for Plume's Path

Nuclear Agency Tells a Concerned Congress That U.S. Industry Remains Safe

By MATTHEW L. WALD

At two Congressional hearings, the head of the Nuclear Regulatory Commission said it would learn from the disaster in Japan.

 Our Towns: Living With a Nuclear Question Mark in the Backyard

As Searchers Inch Along, the Task Ahead Is Huge

By MICHAEL WINES

Much of the tsunami's havoc in Japan was in inaccessible rural areas that have barely been touched by searchers.

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U.S.

Economic Downturn Holds Fierce Grip on Border Town

By JENNIFER MEDINA

El Centro, Calif., a border town that hosts a substantial amount of Mexican workers, is struggling with high unemployment made worse by tougher immigration security measures.

 Seeking Work and Swapping Stories

E.P.A. Proposes New Emission Standards for Power Plants

By JOHN M. BRODER and JOHN COLLINS RUDOLF

The rule for emissions of mercury and other toxins is certain to be challenged by the utility industry and Republicans in Congress.

SAT's Reality TV Essay Stumps Some

By JACQUES STEINBERG

An essay prompt in some versions of the SAT administered last Saturday asked students to opine on reality television.



Post a Comment on The Choice

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BUSINESS

THE BIG PICTURE

Hoping to Avoid the Knife

By ANDREW POLLACK

Entrepreneurs haven't yet struck gold in their search for an incision-free procedure to help millions of obese Americans, but it isn't for lack of effort.

Yen Hits Record High After U.S. Warning on Reactor

By BETTINA WASSENER

The Japanese currency surged against the U.S. dollar and the Nikkei sank after a U.S. nuclear official said the situation at a damaged reactor was more serious than Tokyo has acknowledged.

Long Pause for Japanese Industry Raises Concerns About Supply Chain

By DAVID JOLLY

Many companies outside Japan remain uncertain, or decline to say, whether supplies of crucial components from Japan will hit air pockets.



G-7 Finance Chiefs to Discuss Measures to Help Japan

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SPORTS

A Star Rebounder Leaves Trouble Behind

By JOHN BRANCH

Kenneth Faried left Newark for the hills of eastern Kentucky and the college rebounding record.

FIVETHIRTYEIGHT

Measuring the Impact of N.C.A.A. Injuries

By NATE SILVER

The men's basketball tournament is so competitive that an injury even to a role player can have some measurable impact.



Video: Navigating the Bracket

The Awkward Officiating Dance at the N.C.A.A. Tournament

By PETE THAMEL

While referees are rarely discussed publicly, the quirks of certain officials are discussed endlessly in athletic departments.

• [More Sports News »](#)

ARTS

CRITIC'S NOTEBOOK

Heads Bowed in Grateful Memory

By SETH SCHIESEL

Seth Schiesel explains why there's a bit of Owsley Stanley III, the legendary dispenser of LSD, in all lovers of popular music.

Abu Dhabi Guggenheim Faces Protest

By NICOLAI OUROUSSOFF

More than 130 artists are demanding better conditions for workers building a Guggenheim museum in Abu Dhabi.

BOOKS OF THE TIMES

'Started Early, Took My Dog'

By JANET MASLIN

In her latest Jackson Brodie novel, Kate Atkinson unleashes the quasi-retired detective into a world of cryptic characters.

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FASHION & STYLE

Turning the Perp Walk Into a Runway Strut

By RUTH LA FERLA

Dressing for her legal dates, Lindsay Lohan doesn't do demure. And her fans on the sidewalk love it.



Slide Show

SKIN DEEP

Warmed-Over Atkins? Don't Tell the French

By ELAINE SCIOLINO

Pierre Dukan storms America with his Atkins-like diet of protein and oat bran, served with sides of French spin and charm.



Post a Comment

Beauty Spots

By HILARY HOWARD

Do-it-yourself laser treatments for wrinkles, hair growth and acne.

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EDITORIAL

Talking About Guns

President Obama owes the country muscular White House leadership on gun control.

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Broken Trust

Congress should help repair their threadbare web of protection against the abuse and exploitation of old people.

EDITORIAL

Punishment for NPR

A proposed bill is designed to send a punitive message to a news organization that conservatives consider a liberal bastion.

EDITORIAL

Road Report

It is the time of year when paved surfaces upstate tear themselves apart.

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OP-ED

OP-ED CONTRIBUTOR

Amid Shortages, a Surplus of Hope

By RYU MURAKAMI

Choosing to stay, and trust, in the face of disaster.



Azuma: For a Change, Proud to Be Japanese

OP-ED COLUMNIST

Bahrain Pulls a Qaddafi

By NICHOLAS D. KRISTOF

It's bad enough when our enemies suppress peaceful protesters. It's worse when our friends do it.



Columnist Page | Blog



Gail Collins is off today.

OP-ED CONTRIBUTOR

For a Change, Proud to Be Japanese

By HIROKI AZUMA

The new feeling of patriotism might end decades of stagnation.



Murakami: Amid Shortages, a Surplus of Hope

OP-ED CONTRIBUTOR

Why Qaddafi Has Already Lost

By ALI ABDULLATIF AHMIDA

Libya's rebellion draws strength from the memory of colonialism. It's being led by the urban elite.

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ON THIS DAY

On March 17, 1942, Gen. Douglas MacArthur arrived in Australia to become supreme commander of Allied forces in the southwest Pacific theater during World War II.

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From: Virgilio, Martin
To: Miller, Chris; Miller, Chris
Subject: FW: Praying for Japanese Disaster-China Nuclear Energy Congress 2011
Date: Thursday, March 17, 2011 5:31:00 AM

Note this status...

From: CDMC [mailto:newsletter@chinadecisionmakers.com]
Sent: Thursday, March 17, 2011 4:59 AM
To: Virgilio, Martin
Subject: Praying for Japanese Disaster-China Nuclear Energy Congress 2011



Current Status of Fukushima Daiichi NPPs

| Unit | Status |
|------|--|
| 1 | <ul style="list-style-type: none">· Reactor cold shutdown, stable water level, offsite power is available· No refrigerant is leaked in the reactor contaminant vessel· Maintain average water temperature at 100°C in the pressure restraint |
| 2 | <ul style="list-style-type: none">· Reactor cold shutdown, stable water level, offsite power is available· No refrigerant is leaked in the reactor contaminant vessel· Maintain average water temperature at 100°C in the pressure restraint |
| 3 | <ul style="list-style-type: none">· Reactor cold shutdown, stable water level, offsite power is available· No refrigerant is leaked in the reactor contaminant vessel· Maintain average water temperature at 100°C in the pressure restraint |
| 4 | <ul style="list-style-type: none">· Reactor cold shutdown, stable water level, offsite power is available· No refrigerant is leaked in the reactor contaminant vessel· Maintain average water temperature at 100°C in the pressure restraint |

From TEPCO Press Release 13:00 PM Mar. 15

All units at the Fukushima II Daini, Onagawa, and Tokai nuclear power plants are in a safe and stable condition. Japan's top government spokesperson says the radiation level at the quake-hit nuclear power plant in Fukushima Prefecture, north of Tokyo, rose briefly on Wednesday morning. The fuel rod exposure at Fukushima Daiichi number 2 reactor is potentially the most serious event so far at the plant. At this moment, what we can do is just praying for Japanese disaster.

Given the apparent severity of the events at Fukushima, the organizing committee decides to set up some sort of special session(s) at Beijing to help share the initial

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lessons learned.

Related Speakers:

- LIU Hua, Director, National Nuclear Safety Administration(NNSA)
 - Chris Lanzit, Senior Advisor on China, American Society of Mechanical Engineers (ASME)
 - IAEA's speakers are invited by the organizing committee to give our audience a full scene of what happened in FUKUSHIMA.
-

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Agenda at a glance:

| | Day one (May 12) | Day two (May 13) |
|------------------|---|--|
| Morning | S1. Outlook of Nuclear Market S2. Reactor Debate | S4. Bottleneck: Safety and Uranium Uranium Mining Companies focus |
| Afternoon | S3. Dialogue Between Operators Equipment supplies highly suggested | S5. Reviewing Other Asia Nuclear Energy Users |

Exhibit at CNEC 2011 and meet with:

- Policy Makers
 - China Nuclear Troika
 - Domestic EPC Contractor
 - Chinese Uranium Traders
 - Large equipment providers
 - Utilities
-

If you are interested in sponsorship, exhibit & speaking opportunities, please contact us at c nec@cdmc.org.cn

Please, do not hesitate to contact us with any questions that you may have, and we look forward to welcoming you at the event!

Sincerely,

Michael LIU
Project Director
China Nuclear Energy Congress 2011
T: +8621-6840-7631

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E:michaell@cdmc.org.cn



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From: Taylor, Renee
To: Andersen, James; Arildsen, Jesse; Ash, Darren; Bower, Phyllis; Bowman, Gregory; Brock, Kathryn; Carpenter, Cynthia; Chen, Yen-Ju; Cianci, Sandra; Clayton, Kathleen; Coplin, Seth; Corley, Cherrie; DAbate, David; Davis, Kristin; Ellmers, Glenn; Flynn, Mark; Frazier, Alan; Garland, Stephanie; Hamdan, Latif; Harrison, John; Hasan, Nasreen; Jacobs-Baynard, Elizabeth; Jaegers, Cathy; Kasputys, Clare; Kotzalas, Margie; Landau, Mindy; Mamish, Nader; McLaughlin, Terri; Merzke, Daniel; Muessle, Mary; Olive, Karen; Rakovan, Lance; Rihm, Roger; Sanfilippo, Nathan; Schaeffer, James; Scott, MaryLynn; Seltzer, Rickie; Silber, Jacqueline; Smith, Cathy; Smith, Pat; Solander, Lars; Taylor, Renee; Temp, Edo; Thomas, Ann; Thompson, Ronald; Trapp, James; Trocine, Leigh; Virgilio, Martin; Wallace, Denise; Weber, Michael; Williams, Shawn; Wittick, Brian; Wyatt, Melissa; Zimmerman, Jacob; Izkowitz, Marvin
Subject: 8:00 Events Briefing
Date: Thursday, March 17, 2011 7:25:01 AM
Importance: High

For anyone who is interested you are welcome to come up to the 8:00 Events Briefing for updated information regarding the Japan crisis.

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From: USATODAY.com
To: [Virgilio, Martin](#)
Subject: Daily Briefing from USATODAY.com - March 17
Date: Thursday, March 17, 2011 7:39:53 AM

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7950 Jones Branch Drive, McLean, VA 22108

From: [Borchardt, Bill](#)
To: [Virgilio, Martin](#); [Weber, Michael](#)
Cc: [Casto, Chuck](#); [McDermott, Brian](#); [Wiggins, Jim](#)
Subject: RE: Assistance requested
Date: Thursday, March 17, 2011 7:50:30 AM

I've talked to Brian Sheron and he will engage Pete Lyons during this afternoon's meeting.

From: Virgilio, Martin
Sent: Thursday, March 17, 2011 6:28 AM
To: Borchardt, Bill; Weber, Michael
Cc: Casto, Chuck; McDermott, Brian; Wiggins, Jim
Subject: Assistance requested

Bill/Mike

DOE engaged Chuck directly earlier today requesting he add a group of DOE staff (unspecified number and skills) on his team. Chuck views this as a burden and additional management challenge that he does not need at this time. I agree. Could one of you please follow up with Pete Lyons today to turn this off, for now. It may be tolerable at some time down the road.

We (including Chuck) are working with INPO to identify one individual that has knowledge and field experience in severe accident management strategies and procedures.

Marty

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From: Defense Media Network
To: Virilio, Martin
Subject: Photo Gallery: Japan Disaster and Relief Operations
Date: Thursday, March 17, 2011 8:04:44 AM

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Thursday, March 17, 2011

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Featured Story



Photo Gallery: Japan Disaster and Relief Operations



The extent of the devastation following the 8.9 magnitude earthquake and resulting tsunami that struck northeastern Japan has been shocking, and its aftereffects will be felt for many years...

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NAVAL



Northrop Grumman Board Approves Spin-Off of Huntington Ingalls Industries, Inc.

Northrop Grumman Corporation (NYSE:NOC) today announced that its board of directors has approved the spin-off of its wholly owned subsidiary, Huntington Ingalls Industries, Inc. (HII), to Northrop Grumman stockholders, subject...

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Hawker Beechcraft believes its AT-6 Texan II light attack aircraft is a potential solution for U.S. and allied airmen in the kinds of conflicts taking place today...

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March 29 - 31, 2011

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April 11, 2011

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April 15 - 17, 2011

DEFENSE-WIDE



Tantalum Supplies Tighten

A little-known provision of the sweeping Dodd-Frank financial reform law that passed the U.S. Congress last year has aggravated a growing shortage of a critical metal used in a wide...

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Featured Event



GovSec

When? Mar 29 – 31, 2011

Where? Washington D.C.

GovSec is The Government Security Expo and Conference. Defense Media Network will be exhibiting yet again at this leading conference, displaying various products including our industry publication *The Year in Homeland Security*, Homeland Security web site and Homeland Security newsletter.

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From: E&E Publishing, LLC
To: [Virgilio, Martin](#)
Subject: March 17 -- E&E Daily is ready
Date: Thursday, March 17, 2011 8:07:46 AM

E&E Daily



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E&E DAILY -- THU., MARCH 17, 2011 -- [Read the full edition](#)

1. **NUCLEAR CRISIS: Official warns of worsening Japanese disaster as Democrats chide U.S. precautions**

A top federal nuclear official last night warned that the ongoing crisis in Japan has grown more serious, but he defended the safety of U.S. nuclear power plants, including those similar in design to the crippled Fukushima Daiichi plant in Japan. Nuclear Regulatory Commission Chairman Gregory Jaczko told reporters last night that the situation at the plant is likely more dire than originally thought. He said the plant's Unit 4 spent fuel pool could be empty and the Unit 3 pool may have a crack. Without proper cooling -- which is typically provided by the water in the pools -- spent fuel rods can ignite, emitting radioactive elements.

POLITICS

2. **NUCLEAR CRISIS:** Ex-Rep. Hall 'still the one' fighting nuclear energy
3. **GAS PRICES:** As GOP ratchets up attacks on EPA, Dems blast oil speculators
4. **LOBBYING:** U.S. Chamber works to stir Congress' interest in paring regs

IN THE SENATE

5. **CLIMATE:** Senate Dems push back EPA votes to today
6. **OFFSHORE DRILLING:** Admin disputes GOP charges over pending permits
7. **REGULATIONS:** Republican bill seeks probe into cost of EPA rules
8. **OIL AND GAS:** Bipartisan group of senators pushes for Keystone XL approval
9. **OFFSHORE DRILLING:** Murkowski scolds Jackson over delayed Arctic permit
10. **OIL AND GAS:** Schumer urges sale of petroleum reserve
11. **GULF SPILL:** Democratic senators seeking more compensation for spill

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victims

IN THE HOUSE

12. **CHESAPEAKE BAY:** Lawmakers accuse EPA of steamrolling states, farmers in massive cleanup
13. **ENERGY AND COMMERCE:** Harman's departure leads to committee reordering
14. **INTERIOR:** FWS chief pitches cooperative conservation and ESA spending limits
15. **DOE:** Science office budget cuts would be targeted, not broad-based -- official

E&ETV'S ONPOINT

16. **NUCLEAR CRISIS:** Former CEQ Chairman Frampton says Japanese disaster worse than Three Mile Island

THIS WEEK'S MARKUPS AND HEARINGS

CALENDAR: Activity for March 14 - March 18, 2011

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From: [Virgilio, Martin](#)
To: [Taylor, Renee](#)
Subject: Re: EDO Alignment/Pre-briefs for Commission Meetings
Date: Thursday, March 17, 2011 8:17:06 AM

Thanks Renee

From: Taylor, Renee
To: Virgilio, Martin
Cc: Andersen, James; Muessle, Mary; Leeds, Eric
Sent: Thu Mar 17 07:07:42 2011
Subject: RE: EDO Alignment/Pre-briefs for Commission Meetings

Marty,

Jack Grobe called yesterday, I scheduled an Alignment meeting today at 10:00.

Renee

From: Virgilio, Martin
Sent: Wednesday, March 16, 2011 11:56 PM
To: Taylor, Renee
Cc: Andersen, James; Muessle, Mary; Leeds, Eric
Subject: RE: EDO Alignment/Pre-briefs for Commission Meetings

Hi Renee

Please coordinate with NRR on the Commission meeting (maybe next week) on our response to the events in Japan

Marty

From: Taylor, Renee
Sent: Wednesday, March 16, 2011 12:59 PM
To: Andersen, James; Ash, Darren; Blount, Tom; Boger, Bruce; Borchardt, Bill; Bowman, Adriane; Boyce, Thomas (OIS); Boyd, Lena; Buckley, Patricia; Cannady, Ashley; Carpenter, Cynthia; Casby, Marcia; Casto, Chuck; Cianci, Sandra; Cohen, Miriam; Collins, Elmo; Collins, Jay; Cooper, LaToya; Corley, Cherrie; Damiano, Debra; Dapas, Marc; Dean, Bill; Dubose, Sheila; EDO_ETAs; Evans, Michele; Flory, Shirley; Garland, Stephanie; Givvines, Mary; Greene, LaTosha; Grobe, Jack; Haney, Catherine; Hasan, Nasreen; Higginbotham, Tina; Holahan, Gary; Howard, Patrick; Johnson, Michael; Kelley, Corenthis; Landau, Mindy; Lee, Pamela; Leeds, Eric; Lockhart, Denise; Lubinski, John; Mamish, Nader; Matakas, Gina; Mayberry, Theresa; McClain, Nicole; McCrary, Cheryl; McCree, Victor; McGinty, Tim; Miles, Patricia; Miller, Charles; Mitchell, Matthew; Muessle, Mary; ODaniell, Cynthia; Owen, Lucy; Pederson, Cynthia; Penny, Melissa; Plisco, Loren; Quesenberry, Jeannette; Riddick, Nicole; Ronewicz, Lynn; Ross, Brenda; Salus, Amy; Satorius, Mark; Scarbrough, Thomas; Schaeffer, James; Schumann, Stacy; Schwarz, Sherry; Sheron, Brian; Sprogeris, Patricia; Tannenbaum, Anita; Taylor, Renee; Terry, Leslie; Thomas, Loretta; Tomczak, Tammy; Uhle, Jennifer; Veltri, Debra; Virgilio, Martin; Walker, Dwight; Weber, Michael; Wiggins, Jim; Williams, Barbara; Zimmerman, Roy
Subject: EDO Alignment/Pre-briefs for Commission Meetings

An updated list is attached, please ensure that your calendar reflects the changes as needed.

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Thank you,
Renee

From: [i360Gov Daily Download](#)
To: [Virgilio, Martin](#)
Subject: U.S. hints at Libya air strikes as Gadhafi pounds rebels
Date: Thursday, March 17, 2011 8:26:16 AM

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i360Gov Daily Download

Policy & Technology. News & Analysis.

March 17, 2011

Federal Policy & Business

Cantor: Next step on government funding debate is up to Senate

The Washington Post: House Majority Leader Eric Cantor (R-Va.) said Wednesday that when it comes to figuring out a way forward on funding the federal government through the end of the fiscal year, the ball is in Senate Democrats' court.

Asked whether it's necessary for the Senate to pass its own funding resolution in order for negotiations between congressional leaders and the White House to progress, the number-two House Republican responded, "Well, I mean otherwise, you're just negotiating with yourself. We have no concept of where the Senate can be as far as its 60 votes, and that's what we keep asking Leader [Harry] Reid for. I mean, step up and lead." [MORE](#)

Watchdog panel gives bailout a mixed verdict

Houston Chronicle: WASHINGTON — The government's bailout of banks, automakers and insurers helped prevent a more severe economic crisis but might have sowed the seeds of the next one, a congressional watchdog group said Wednesday in its final report.

The Congressional Oversight Panel said that the government's rescue fund may have prevented an economic depression by sending billions of dollars to companies crippled in the financial crisis that erupted in 2008. But little has been done to aid to homeowners facing foreclosure or others far from Wall Street, it said. [MORE](#)

Lawmaker targets poor performers

Federal Times: Rep. Dennis Ross, R-Fla., wants to make it easier for managers to discipline poorly performing employees and lengthen the probationary period for new employees from one year to two.

Ross, a freshman lawmaker who is chairman of the House Oversight and Government Reform subcommittee on the federal work force, told *Federal Times* that the current disciplinary process favors employees and places too much burden on managers to prove their case. [MORE](#)

U.S. working to move citizens from affected areas in Japan

CNN: The State Department announced late Wednesday that it has approved the departure of family members of U.S. government personnel from certain areas of Japan in the aftermath of the earthquake, the tsunami and the nuclear power plant crisis.

Charter flights will be made available to the approximately 600 people, according to Under

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Secretary of State Patrick Kennedy. [MORE](#)

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Government IT

Report Cards Planned For Federal IT Reform Plan

InformationWeek: The White House plans to give detailed updates every six months, beginning in April, on how well or how poorly the federal government is implementing the 25-point federal IT reform plan of federal CIO Vivek Kundra. The twice-yearly report card will help the public hold the government accountable, Kundra said Wednesday during a panel discussion at an event in Washington, D.C. [MORE](#)

White House to Congress: Pass online privacy bill of rights

Los Angeles Times: The Obama administration Wednesday asked Congress to pass legislation to protect online consumers' privacy.

"The administration urges Congress to enact a consumer privacy bill of rights to provide baseline consumer data privacy protections," Lawrence Strickling, assistant secretary for communications and information at the Commerce Department, said in written testimony to the Senate Commerce Committee. [MORE](#)

Why It's Time to Embrace the Cloud Now: IDC

eWeek: SAN JOSE, Calif. -- IDC's frontman, Senior Vice President and Chief Analyst Frank Gens, sees a significant fork in the IT road in 2011 similar to one that happened 25 years ago.

Back in 1986, PCs and desktop computers were 5 years old and starting to work their way into daily use in dedicated enterprise networks and in home offices, replacing typewriters and word processors. The Internet to connect them all was still a decade away, but the groundwork was already being laid for it. [MORE](#)

OMB approved Homeland Security's flawed financial management contract award

Nextgov: The Homeland Security Department improperly awarded CACI a contract worth nearly \$500 million for a financial management system by changing contract requirements mid-competition without allowing vendors to submit revised proposals, according to a legal decision by federal auditors. [MORE](#)

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Special Reports & Whitepapers

Best Practices for Achieving Migration to a Cloud Model

An i360Gov special report: Recent initiatives, including the just-published Federal Cloud Computing Strategy, the 25-point Implementation Plan to Reform Federal IT Management published in December and its accompanying 'Cloud First' acquisition strategy are forcing federal agencies to figure out how to quickly 'get their IT operations in shape' to embrace cloud computing.

This i360Gov's special report explores the steps agencies should take to aid their migration to cloud-based operations.

[Download](#) special report. Sponsored by: DLT Solutions, NetApp, and Red Hat

i360Gov Proof Points: Trends in Digital Archiving of Legislative Records

Despite the availability of electronic records preservation solutions, nearly 60% of our

survey's respondents said they still don't possess an easily accessible electronic repository of all state laws, present and past, hindering each organization's ability to provide advanced web-based or online constituent services.

[Download](#) this special report to see the full results of this study. Sponsored by: EMC

Energy Efficient Cooling for Data Centers: A Close-Coupled Row Solution

Abstract: The trend of increasing heat densities in data centers has held consistent with advances in computing technology for many years. As power density increased, it became evident that the degree of difficulty in cooling these higher power loads was also increasing. In recent years, traditional cooling system design has proven inadequate to remove concentrated heat loads (20 kW per rack and higher). This has driven an architectural shift in data center cooling. The advent of a newer cooling architecture designed for these higher densities has brought with it increased efficiencies for the data center. This article discusses the efficiency benefits of row-based cooling compared to two other common cooling architectures.

Download the complimentary [report](#).

Sponsored by: APC / Schneider Electric

Guide for Reducing Data Center Physical Infrastructure Energy Consumption in Federal Data Centers

Abstract: In an effort to create a clean energy economy, recent US presidents and congress have issued a series of legislation and executive orders requiring federal agencies to increase energy efficiency and reduce carbon emissions in government facilities. Vivek Kundra, Federal Chief Information Officer, is supporting that effort by establishing a Federal Data Center Consolidation Initiative to help reduce energy consumption in over 1, 100 Federal data centers. US Federal data center managers are on a timeline to respond with their final consolidation plan. This paper analyzes the implication of these mandates and offers recommendations for how to improve energy efficiency in Federal data centers. This paper is written for a US-only audience.

Download the complimentary [report](#).

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Desktop Virtualization Rolls into Public Sector IT Organizations

An *i360Gov* special report. As the federal government strives to modernize IT operations, desktop virtualization is becoming one technology agencies are starting to embrace to help simplify management, improve security and reduce both costs and energy consumption.

Driven in part by the cost and space savings gained in server virtualization efforts, many public sector organizations are now investigating desktop virtualization to give federal employees and contractors more flexible access to government resources and information, while centralizing control over management, administrative and security headaches...

Download the [report](#). Watch the [webinar](#).

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Redefining 'Making Do': How state governments are leveraging technology to decrease budget deficits

An *i360Gov* special report. Excerpt: After several years on a steady diet of tight budgets, revenue shortfalls and the ongoing weakened economy, it would seem state and local governments might by now be unable to maintain current IT operations, much less build new services or applications.

However, despite ongoing hardships, states and localities have developed strong survival

strategies, ferreting out cost reductions and reusing savings from ongoing data center consolidation efforts, for example, rather than seeking new funding for planned IT upgrades....

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Data Center Consolidation

An *i360Gov* special report. Excerpt: Data center consolidation is now a top federal IT priority, as the White House leads the charge in driving a government-wide effort to reduce IT costs, lower energy consumption, improve IT security and enable a shift to more efficient IT platforms, such as cloud computing.

Driven by a few recently formed initiatives, a Presidential Executive Order, memos and other guidance, federal agencies are now working out plans to streamline data center operations, gain greater efficiency and meet a mandated goal to achieve \$3 billion in cost savings by the end of fiscal 2012...

Download the [report](#). Watch the [webinar](#).

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Countering Advanced Persistent Threats with Cyber Forensics

Many security teams have been caught unprepared by recent advances in targeted attacks. Multi-stage, multi-vector campaigns now steal sensitive and classified data, access privileged accounts, and spy on public sector organizations. This white paper explains the need for new security tactics and rapid response technologies to counter these advanced persistent threats. This whitepaper will demonstrate the need for forensic-grade technology in order to combat advanced persistent threats and minimize the attack surface of an agencies' sensitive data.

Read the [report](#).

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Government Healthcare - Policy & IT

Grassley says HHS working on provider-lawsuit regs; Sebelius mum

Modern Healthcare (online registration required): The right of Medicaid healthcare providers to sue over payment cuts is the focus of not only a recently accepted Supreme Court case but also of coming HHS regulations, according to a senior Republican senator.

HHS Secretary Kathleen Sebelius would not respond to direct questions from Sen. Chuck Grassley (R-Iowa) about whether her department is promulgating such regulations but neither she nor the department's staff members denied it. HHS officials declined to comment on the issue, citing the active court case. [MORE](#)

California Insurer Won't Raise Rates

The Wall Street Journal (online subscription required): Nonprofit health insurer Blue Shield of California has withdrawn its rate filing with the state's insurance department and said Wednesday it won't increase rates to any individual or family-plan member for the rest of the year.

The insurer, which has 340,000 individual- and family-plan members in the state, had been criticized by California's insurance commissioner early this year for planning "excessive" premium increases on individual policies and, in response, ... [MORE](#)

Panel examines information exchange goals for 2013 meaningful use

Government Health IT: A panel of the Health IT Policy Committee is exploring gaps in the infrastructure of health information exchange, solutions for which will be critical to some of the proposed objectives for stage 2 of meaningful use, such as incorporating lab results in structured data.

The meaningful use work group wants to be sure that technologies, policies and standards will be in place in 2013 to support exchange goals. [MORE](#)

New health statistics show Americans living longer

Reuters: Life expectancy in the United States has reached an all-time high, the Centers for Disease Control and Prevention said on Wednesday.

In 2009, life expectancy increased to 78.2 years, up from 78 years in 2008, it said. [MORE](#)

[More healthcare policy/technology news & analysis at i360GovHealthcare.com](#)

Webinars

TUESDAY: i360Gov Proof Points: How to Achieve Private Cloud Formation

Tuesday, March 22, 2011 at 2:00 PM Eastern

To comply with federal mandates, agencies are being challenged to invest in cloud computing, to reduce IT costs and streamline operations. Despite the benefits of the cloud, many questions remain about security and the privacy of sensitive or classified information. Industry observers predict the strong push toward cloud-based services will lead to a rise in private cloud implementations in the coming year.

This i360Gov educational webinar and corresponding special report will highlight what government organizations should do to ensure security, while still adhering to federal cloud-focused mandates. The tools, assistance, guidance and advice of industry experts will be incorporated into the corresponding special report, called Private Cloud Formations, which will hone in on how this technological alternative may work best for a wide range of government applications. [Register Now](#) (no cost)

Sponsored by:



The Records Management Challenge: A Strategy for Paper Records

Wednesday, March 30, 2011 at 2:00 PM Eastern

Is your agency plagued with paper documents and manual processes associated with managing government paper records? Attend this i360Gov educational webinar and learn how leading agencies have modernized their paper-based process and the benefits they are realizing.

Our panelists, including Ray Miller, formerly with the NY State Dept of Health, will discuss how the process of managing paper records has evolved, what new techniques and technologies governments can employ to modernize this process, and how these improvements can impact your agency's bottom line. [Register Now](#) (no cost)

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i360Gov Proof Points: Trends in Digital Archiving of Legislative Records

Despite the availability of electronic records preservation solutions, nearly 60% of our survey's respondents said they still don't possess an easily accessible electronic repository of all state laws, present and past, hindering each organization's ability to provide advanced web-based or online constituent services.

Join this complimentary educational webinar to see the full results of this study presented along with expert analysis. You will also hear experts present case studies highlighting the latest initiatives and best practice advice for building and maintaining electronic repositories.

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Leveraging Technology to Fight Budget Difficulties in State & Local Governments

Under the gun to provide more and better services while striving to manage shrinking resources, state and local governments are seemingly being squeezed from multiple directions. Luckily there are some technological tools available to help, such as web-based self services and desktop virtualization, among others.

Join i360Gov's panel of government experts for this live event as we highlight the solutions that best aid these government organizations in closing budget deficit gaps while delivering greater agility to constituent-facing services. [View Now](#) (no cost!)

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How server and datacenter consolidation can simplify and maximize cloud computing success

Many Federal agencies are already pursuing consolidation and cloud computing initiatives, but OMB's 25-point mandate for government-wide IT reform has accelerated things significantly. Would you like to hear about a proven path forward to datacenter consolidation, transforming to a cloud-ready infrastructure and ultimately being able to adopt that cloud-first policy?

Join i360Gov for a live webinar on datacenter consolidation and how to build your cloud. Virtualization is a critical first step in consolidation and cloud computing, and with it, Federal agencies can leverage proven strategies to:

- Increase datacenter services, while decreasing infrastructure
- Build a scalable cloud infrastructure
- Integrate consolidation and cloud plans and maximize resources
- Leverage existing infrastructure to complete the transformation

Our panel of subject matter experts includes **Anil Karmel** (Los Alamos Labs) and **Doug Bourgeois**, formerly with U.S. Department of the Interior and the U.S. Patent and Trademark Office. [View Now](#)

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cdwg



Energy - Policy & Technology

Key house leader to push speed-up in Gulf drilling

Houston Chronicle: WASHINGTON — A top House Republican said Wednesday he would advance bills to speed up offshore drilling in the Gulf of Mexico, open new coastal waters for oil and natural gas exploration and spur more domestic energy development.

Rep. Doc Hastings, R-Wash., the head of the House Natural Resources Committee, promised one of the drilling measures "would put the Gulf of Mexico back to work." [MORE](#)

EPA proposes rules to limit emissions from coal-fired plants

USA Today: The U.S. Environmental Protection Agency proposed rules Wednesday that would — for the first time — The U.S. Environmental Protection Agency proposed rules Wednesday that would — for the first time — limit the emissions of mercury, arsenic and other pollutants from coal-fired power plants.

Environmental and health groups, which long sought the rules, welcomed them as a way to reduce respiratory illnesses, heart disease and developmental problems in children. Some industry groups said they would cost jobs and raise electric rates. [MORE](#)

Japan quake puts spotlight on aging U.S. nuclear reactors, cost of building new ones

The Washington Post: One day before the nightmare began at the Fukushima Daiichi nuclear plant in Japan, a reactor in Vermont with the same decades-old design was getting a big thumbs-up from U.S. regulators.

The 38-year-old Vermont Yankee plant, which state lawmakers say is well past its prime, has an operating license that is set to expire next year. Last Thursday, the Nuclear Regulatory Commission (NRC) agreed to add 20 more years to the life of the plant. [MORE](#)

Governments pump money into charging stations

Detroit Free Press: CHICAGO -- When politicians tout the benefits of public subsidies for electric vehicles, the argument inevitably comes down to two words: Chicken. Egg.

It works like this: Consumers won't buy electric vehicles without somewhere to charge them. But no one will build charging stations without electric vehicles to use them. [MORE](#)

More Energy Policy/Technology News & Analysis at i360GovEnergy.com

Defense / Intelligence / Homeland Security - Policy & Technology

U.S. hints at Libya air strikes as Gadhafi pounds rebels

CNN: Air strikes against Libyan leader Moammar Gadhafi's forces are among options being discussed as diplomats try to hammer out a U.N. Security Council resolution, a diplomatic source said.

The U.S. ambassador to the U.N. raised the possibility of "going beyond a no-fly zone," Wednesday as Gadhafi's troops pounded the rebel-held cities of Misrata and Ajdabiya. [MORE](#)

TSA defends safety of scanners

USA Today: A national expert on radiation safety questioned why the Transportation Security Administration is opting to use a type of airport X-ray scanner that exposes travelers to low doses of radiation when the agency already has another type of scanner that poses no known safety risks.

David Brenner, director of Columbia University's Center for Radiological Research, noted that the TSA uses the full-body X-ray scanners at some airports but allows passengers at other airports to pass through millimeter wave scanners, which do not use ionizing radiation. There

are no known health risks of the millimeter wave machines, Brenner told lawmakers during a congressional oversight hearing Wednesday. "X-rays," he said, "are a carcinogen." [MORE](#)

Intel contract staffs need freedom, encouragement to innovate, experts say

Federal Times: MIAMI — Industry should be given more freedom in determining how to meet the contract needs of defense intelligence agencies, experts say.

Former national intelligence director Michael McConnell, speaking at the Defense Intelligence Acquisitions Conference here this week, said intelligence officials have to be willing to think outside the norm as they try to prepare for future threats. [MORE](#)

Most Americans back women in combat roles, poll says

The Washington Post: Seven in 10 Americans support permitting women in the military to serve in ground units that engage in close combat, according to a new Washington Post-ABC News poll.

The findings come as the Pentagon prepares to review whether women should continue to be barred from combat units even though many of them often engage opposing forces in Iraq and Afghanistan. [MORE](#)

More Defense / Intelligence News & Analysis at i360GovDefense.com

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State & Local Government - Policy & Technology

WI: Wis. DA files lawsuit challenging union law

San Francisco Chronicle: Republican lawmakers violated Wisconsin's open meetings law when they amended a contentious plan that bars most public employees from collective bargaining, a Madison prosecutor alleged in a lawsuit Wednesday.

Dane County District Attorney Ismael Ozanne's legal challenge is the second from a county official since Gov. Scott Walker signed the bill into law Friday. Ozanne filed his lawsuit after Democrats in the Wisconsin Assembly alleged Republican leaders didn't give enough public notice that a committee planned to meet to amend the bill. [MORE](#)

Say What?

"No man will ever bring out of the Presidency the reputation which carries him into it. . . . To myself, personally, it brings nothing but increasing drudgery and daily loss of friends."

—Thomas Jefferson

AZ: Arizona to cut fewer adults from Medicaid

Stateline: ARIZONA REPRIEVE: After getting federal approval to discontinue a special Medicaid plan that covers 250,000 childless adults, Arizona Governor Jan Brewer changed her mind. In an announcement this week, she said only 120,000 people would be dropped from the rolls, but future enrollment would be frozen. The plan would require most patients to pay more for their care, and doctors and hospitals would get lower fees, according to a report in *The Arizona Republic*. Some of her proposals have been rejected by the federal government when they have been tried before. [MORE](#)

OH: Ohio Governor Kasich tries to sell his budget cuts to a skeptical public

The Washington Post: COLUMBUS, OHIO — Gov. John Kasich unveiled an austere budget this week that includes painful cuts to close Ohio's \$8 billion shortfall. But in announcing his

proposals, Kasich himself was anything but austere. He didn't grimly warn voters that it is time to sit up and take their medicine. Instead, in a marathon stage show that was part Steve Jobs and part Anthony Robbins, the Republican governor enthusiastically tried to convince Ohioans that the cuts are a good thing — and that they will be better off with less. [MORE](#)

FL: Gov. Rick Scott's 32,000 projected port jobs face sizable hurdles

Orlando Sentinel: Hours after rejecting Florida's high-speed train, Gov. Rick Scott declared the state would spend \$77 million on dredging the Port of Miami — a project he said would create 30,000 permanent jobs.

But some experts contend digging out the Miami channel will not boost employment by anywhere near that number, much less ensure more shipping to the port. [MORE](#)

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To: Virgilio, Martin
Subject: March 17 -- Greenwire is ready
Date: Thursday, March 17, 2011 1:15:46 PM

Greenwire



AN E&E PUBLISHING SERVICE

GREENWIRE -- THU., MARCH 17, 2011 -- [Read the full edition](#)

1. **CLIMATE:** Congress emits half-truths in spin war over *Mass. v. EPA*

In the continuing political battle over the Obama administration's efforts to regulate greenhouse gases, Democrats and Republicans rarely take aim at the most deserving target: the Supreme Court. As Democrats are fond of noting, it wasn't the Obama administration but the Supreme Court that decided in its 2007 *Massachusetts v. EPA* ruling that greenhouse gases could be regulated under the Clean Air Act. The court told U.S. EPA to conduct the analysis that led to the so-called endangerment finding -- in which EPA concluded that greenhouse gases were harmful -- that triggered rules that Republicans in particular are now railing against.

TOP STORIES

2. **NUCLEAR CRISIS:** Cases of radiation sickness confirmed by U.N.
3. **NUCLEAR CRISIS:** Fukushima's radiation risks minimal to U.S.
4. **NUCLEAR CRISIS:** Japan disasters drive U.S. sales of disaster kits

JAPAN EARTHQUAKE

5. **NUCLEAR CRISIS:** Higher radiation hinders Japanese emergency work
6. **URANIUM:** Will plunging prices dent miners' plans for U.S. expansion?
7. **NUCLEAR:** Japan crisis highlights danger lurking in int'l agreements, panel says
8. **NUCLEAR CRISIS:** N.Y. governor orders safety review at Indian Point
9. **UTILITIES:** Exelon reconsidering plan to add capacity
10. **AUTOS:** Quake could hurt supply of hybrids
11. **NUCLEAR CRISIS:** More foreign governments advise citizens to leave Japan
12. **JAPAN:** Nuclear industry has history of mismanagement, cover-ups

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CONGRESS

- 13. **CLIMATE:** Senate Dems push back vote on EPA amendments again
- 14. **PUBLIC LANDS:** Increased domestic production not likely to lower gas prices -- economists

POLITICS

- 15. **AIR POLLUTION:** EPA toxics report sparks fight over diesel emissions

ENERGY

- 16. **COAL:** Georgia Power to close 2 units
- 17. **NATURAL GAS:** Wyo. drilling plan doesn't sufficiently protect groundwater -- EPA

FEDERAL AGENCIES

- 18. **EPA:** Insufficient oversight, potential fraud plagues stimulus spending -- IG

LAW AND LOBBYING

- 19. **GULF SPILL:** Feds query BP officials over possible insider trading

AIR AND WATER

- 20. **DRINKING WATER:** Calif. regulators protest utility's record rate hike

NATURAL RESOURCES

- 21. **INVASIVE SPECIES:** Canadians catch live carp being smuggled across border

INTERNATIONAL

- 22. **HAITI:** Cholera epidemic will be 'far worse than expected,' experts warn

E&TV'S ONPOINT

- 23. **NUCLEAR CRISIS:** Former CEQ Chairman Frampton says Japanese disaster worse than Three Mile Island

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From: [The Washington Post](#)
To: [Virgilio, Martin](#)
Subject: Today's Headlines & Columnists
Date: Thursday, March 17, 2011 12:09:01 PM

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[Click here](#) to view in plain text.

The Washington Post



Thursday, March 17, 2011



TODAY'S HIGHLIGHTS

State Dept., Pentagon offer to evacuate family members from Tokyo

The State Department and Pentagon announced they would assist in evacuating family members of their officials who wish to leave Tokyo and northern Japan, and the U.S. government urged Americans to stay at least 50 miles from the plant - four times the distance recommended by the Japanese government.
(By Rick Maese)



Costs hinder U.S. 'nuclear renaissance'

The United States is leaning on the first generation of plants built decades ago, even as critics worry that the reactors have some dangerous weaknesses.
(By Jia Lynn Yang and Steven Mufson)

Poll: Most side with GOP on Social Security

More say Social Security needs major overhaul, but little agreement on how, according to a new Washington Post-ABC News poll.
(By Jon Cohen and Peyton M. Craighill)



Bahrain assaults protesters

Government troops attack pro-democracy demonstrators in defiance of U.S. warnings.
(By Michael Birnbaum)



Gray abruptly fires chief of staff

D.C. Mayor Vincent C. Gray fired his chief of staff Wednesday, moments before she was scheduled to testify before a D.C. Council committee on why some members of the administration were being paid salaries that exceeded the city's legal limits.
(By Tim Craig and Nikita Stewart)

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POLITICS

West Wing briefing: Obama starts to engage on his reelection effort

President Obama, who has not said officially he will run for a second term but is virtually certain to, is quietly starting to engage personally in his reelection effort. On Wednesday night, for the second time this week, Obama met with major Democratic donors at a Washington hotel.

(by Perry Bacon Jr. , The Washington Post)

Republican lawmaker: Federal employee demoted who complained about Obama transparency problems

WASHINGTON - The Homeland Security Department demoted a senior career employee who confidentially complained to the inspector general that political appointees were improperly interfering with requests for federal records by journalists and watchdog groups.

(Associated Press Associated Press , AP)

Cousin O'Bama? 28 Americans find something in common with president: an Irish ancestor

President Barack Obama found out years ago he had an Irish ancestor who fled the potato famine in Ireland in 1850. He can now claim 28 living relatives who also descended from that Irishman, including a Vietnam veteran, a school nurse and a displeased Arizona Republican.

(Associated Press Associated Press , AP)

Obama recalls James Tyree as 'quintessential Chicagoan'; says he will be missed

WASHINGTON - President Barack Obama and his wife, Michelle, are extending condolences to the family of James Tyree, a Chicago businessman with deep roots in Obama's hometown who died Wednesday.

(Associated Press Associated Press , AP)

How the U.S. is helping in Japan

Dozens of nuclear energy experts have joined thousands of troops providing assistance to the Japanese government in the aftermath of last week's 9.0 earthquake.

(by Ed O'Keefe , The Washington Post)

STYLE

NYC auction: Sailing with Harrison Ford and golfing with Bill Clinton to benefit environment

NEW YORK - A day of golfing and lunch with former president Bill Clinton, flying with Harrison Ford on his private aircraft and sailing off the coast of Maine with the Rockefellers are just a few of the celebrity and luxury items being offered at an auction to benefit four leading environmental organizations.

(Associated Press Associated Press , AP)

Review: New Music Ensemble

The challenges of performing in the National Gallery of Art Rotunda were turned into advantages in a Wednesday midday concert by the New Music Ensemble.

(by Stephen Brookes , The Washington Post)

'American Idol,' Kathy Griffin special top TV must-sees

TV highlights for Thursday, March 17, 2011.

(, The Washington Post)

Uneven but satisfying 'Butterfly'

The Domingo-Cafritz Young Artist performance of "Madama Butterfly" gave young singers a chance, but there were no career-launching performances.

(by Charles Downey , The Washington Post)

Journalists missing in Libya

Four New York Times journalists who were covering the conflict in Libya were unaccounted for Wednesday and are feared missing.

(by Paul Farhi , The Washington Post)

SPORTS

Magdalena Neuner of Germany clinches World Cup biathlon title by winning last sprint race

OSLO, Norway - Two-time Olympic champion Magdalena Neuner of Germany has clinched the World Cup biathlon title after winning the last sprint race of the season.

(Associated Press Associated Press , AP)

Sauber F1 drivers Kamui Kobayashi, Sergio Perez to show support for Japan at Melbourne GP

PARIS - Sauber drivers Kamui Kobayashi of Japan and Sergio Perez of Mexico will carry a message of support for Japan during Formula One's season-opening Melbourne Grand Prix later this month.

(Associated Press Associated Press , AP)

Marathon world-record holder Paula Radcliffe to end self-imposed break in May

LONDON - Marathon world-record holder Paula Radcliffe will return to competition after a 15-month absence in the 10-kilometer Great Manchester Run on May 15.

(Associated Press Associated Press , AP)

3 Pakistan cricketers ordered to stand trial on charges of spot-fixing

LONDON - Pakistan cricketers Salman Butt, Mohammad Asif and Mohammad Amir have been ordered to stand trial in a British court over spot-fixing allegations.

(Associated Press Associated Press , AP)

Manchester United manager Alex Ferguson says defender Rio Ferdinand could miss rest of season

MANCHESTER, England - Manchester United defender Rio Ferdinand could miss the rest of the season because of his nagging calf injury, manager Alex Ferguson said Thursday.

(Associated Press Associated Press , AP)

WORLD

500,000 pack Dublin for St. Patrick's Day parade overshadowed by recession, debt crisis

DUBLIN - About half a million people have packed central Dublin for a St. Patrick's Day parade that points out Ireland's current gloomy mood - and seeks to sweep it away for a day.

(Associated Press Associated Press , AP)

Pakistan intelligence officials say US missiles kill 38 militants near Afghan border

MIR ALI, Pakistan - U.S. unmanned aircraft fired four missiles into a building where suspected militants were meeting Thursday, killing 38 of them in an unusually deadly strike close to the Afghan border, Pakistani intelligence officials said.

(Associated Press Associated Press , AP)

China urges Japan to provide timely information on nuclear plant radiation leaks

BEIJING - China is urging Japan to swiftly release information about radiation leaks at a damaged nuclear power plant, although it says Tokyo has been in regular

contact about the problem.
(Associated Press Associated Press , AP)

Prominent, politically connected South Africa businessman takes over country's McDonald's

JOHANNESBURG - One of South Africa's most prominent and politically connected businessmen is taking over McDonald's restaurants in the country.
(Associated Press Associated Press , AP)

Arrest of Hindu priest accused of kidnapping children the latest case of India's missing kids

NEW DELHI - The priest's dream, police say, was a chain of Hindu worship centers across India, where boys in saffron robes would attract throngs of devotees.
(Associated Press Associated Press , AP)

BUSINESS

Several international bank branches, businesses remain closed amid Bahrain security crackdown

DUBAI, United Arab Emirates - Bahrain's stock exchange and a few bank branches reopened Thursday, but business remained far from normal a day after soldiers and riot police overran an anti-government protest camp in the Gulf island kingdom.
(Associated Press Associated Press , AP)

Kimberly-Clark to raise some prices in North America as it deals with rising costs

DALLAS - Kimberly-Clark Corp. is raising prices for products including diapers and bathroom tissue as it tries to deal with increasing costs.
(Associated Press Associated Press , AP)

Clash in Bahrain helps push oil prices back around \$100 per barrel

NEW YORK - Oil prices are climbing back around \$100 per barrel after a crackdown on protesters in Bahrain increased tensions in a conflict that threatens to pull in OPEC heavyweights Saudi Arabia and Iran.
(Associated Press Associated Press , AP)

Summary Box: FedEx 3Q earnings fall on snow, fuel, but company expects strong growth ahead

STRONG HEADWINDS: FedEx Corp. said that third-quarter earnings fell 3 percent because of rising fuel prices and harsh winter weather. But revenue rose 11 percent on higher prices and package weight.
(Associated Press Associated Press , AP)

Tobacco industry report to FDA concludes menthol cigarettes don't pose greater health risk

RICHMOND, Va. - The tobacco industry argues in a report to the Food and Drug Administration that menthol cigarettes aren't riskier than regular cigarettes.
(Associated Press Associated Press , AP)



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From: [Borchardt, Bill](#)
To: [Ellmers, Glenn](#); [Virgilio, Martin](#); [Weber, Michael](#); [Ash, Darren](#); [Muessle, Mary](#)
Cc: [Landau, Mindy](#)
Subject: RE: draft EDO Update
Date: Thursday, March 17, 2011 12:03:39 PM
Attachments: [EDO update draft 2 Mar 17 2011.docx](#)

Red

Thanks Glenn. A revision is attached. Not sure if it's coherent so please feel free to modify.

From: Ellmers, Glenn
Sent: Thursday, March 17, 2011 11:19 AM
To: Borchardt, Bill; Virgilio, Martin; Weber, Michael; Ash, Darren; Muessle, Mary
Cc: Landau, Mindy
Subject: draft EDO Update

As I am sure you aware, the situation at the Fukushima reactor site in Japan continues to be very fluid. The Chairman and I were on Capitol Hill yesterday to brief committees of the both the House and Senate on what is happening, and how the NRC is responding. If you watched any of the proceedings on television or streaming video, you will have seen that while the Chairman had a very long day, he answered a lot of tough questions calmly and forthrightly. (I substituted for him briefly while he was at the White House mid-day to brief the President and his staff.)

Given the available information, we continue to be concerned about the spent fuel pool at one, and possibly two, of the reactors. Based on calculations performed by NRC experts for the situation as a whole, we now believe that it is appropriate for U.S. residents within 50 miles of the Fukushima reactors to evacuate. Our recommendation is based on NRC guidelines for public safety that would be used in the United States under similar circumstances. At the same time, however, we do not expect any part of the U.S. or its territories to experience any harmful levels of radioactivity, given the great distances involved. The NRC is working closely with our federal partners to monitor radiation releases from the Japanese nuclear power plants.

The Operations Center continues to be manned by staff and senior managers on a 24-hour basis. In addition, the agency is being flooded with phone calls from the media, stakeholders, and the general public. Once again, thank you to everyone who is pitching in to help deal with this volume of activity.

Given the dynamic situation, there will be an All-Hands meeting tomorrow at 2:00 p.m. in the One White Flint auditorium, with VTC to the regions, TTC, and headquarters satellite offices. The Chairman [CONFIRM] and I, along with other senior managers, will give you an update on what we know, and answer any questions to the best of our abilities.

Glenn Ellmers
Senior Communications Specialist, OEDO
301-415-0442
OWFN - 17F03

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Mail stop: 016E15

The situation at the Fukushima reactor site in Japan continues to be very serious and dynamic. We(NRC) have responded quickly and effectively to an incredibly challenging situation. We have staffed the ops center 24/7 since last Friday and we have a team of 11 individuals who are in Japan: 1) providing support to the US ambassador and the embassy, 2) interfacing with the Japanese regulator and licensee and 3) helping to facilitate coordination of the US Government response. The Chairman was on Capitol Hill yesterday to brief committees of the both the House and Senate on what is happening, and how the NRC is responding. The quality of the work done by the NRC staff is clearly recognized and appreciated by all of our stakeholders.

Given the available information, we continue to be very concerned about the condition of 3 reactor cores and 2 spent fuel pools. Based on calculations performed by NRC experts for the situation as a whole, we now believe that it is appropriate for U.S. residents within 50 miles of the Fukushima reactors to evacuate. Our recommendation is based on NRC guidelines for public safety that would be used in the United States under similar circumstances. At the same time, however, we do not expect any part of the U.S. or its territories to experience any harmful levels of radioactivity, given the great distances involved. We continue to do analyses to verify our understanding of this issue. The NRC is working closely with our federal partners to monitor radiation releases from the Japanese nuclear power plants.

We will continue to place emphasis on communication activities. The agency is being flooded with phone calls from the media, stakeholders, and the general public. Once again, thank you to everyone who is pitching in to help deal with this volume of activity.

Given the dynamic situation, there will be an All-Hands meeting tomorrow at 2:00 p.m. in the One White Flint auditorium, with VTC to the regions, TTC, and headquarters satellite offices. I will give you an update on what we know, and answer any questions to the best of my ability. In addition, we are expecting to have a Commission meeting early next week. We will provide a link to the briefing materials as soon as possible.

From: E&E Publishing, LLC
To: Virgilio, Martin
Subject: E&ETV -- Nuclear Crisis: Former CEQ Chairman Frampton says Japanese disaster worse than Three Mile Island
Date: Thursday, March 17, 2011 10:13:45 AM

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ONPOINT -- THU., MARCH 17, 2011 -- [Go to www.eenews.tv](http://www.eenews.tv)

NUCLEAR CRISIS: Former CEQ Chairman Frampton says Japanese disaster worse than Three Mile Island

Today's OnPoint



How does Japan's Fukushima nuclear event compare to the United States' Three Mile Island incident? During today's OnPoint, George Frampton, the deputy director and chief of staff for the Nuclear Regulatory Commission's special inquiry group into the Three Mile Island accident, explains why

Fukushima is a more serious event than Three Mile Island. Frampton, also the former chairman of the White House Council on Environmental Quality and currently senior of counsel and a member of the clean energy and climate industry group at Covington & Burling, also explains how Fukushima will affect the U.S. nuclear industry.

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TRANSMISSION: ITC's Welch says cost allocation legislation could block new construction

ITC's Joseph Welch says attempts to curb FERC's reach on cost allocation could affect renewable energy targets.

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OIL AND GAS: CAP's Weiss discusses politics of rising prices

Center for American Progress' Daniel Weiss says tapping into reserve could help lower gas prices.

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SMART GRID: GridWise Alliance's Shapard discusses impact of transmission cost debate

GridWise Alliance's Bob Shapard discusses new direction for organization.

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From: [NEI SmartBrief](#)
To: [Virgilio, Martin](#)
Subject: March 17, 2011 - U.S. thinks Japan's nuclear crisis is worsening
Date: Thursday, March 17, 2011 10:11:22 AM

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MARCH 17, 2011

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Crisis in Japan



▪ **U.S. thinks Japan's nuclear crisis is worsening**

Problems in the used-fuel pools of units 3 and 4 of the Fukushima Daiichi nuclear plant could cause fuel rods kept there to overheat and potentially ignite, said Gregory Jaczko, chairman of the Nuclear Regulatory Commission. "We believe that radiation levels are extremely high, which could possibly impact the ability to take corrective measures," Jaczko said. In addition, the State Department suggested the evacuation of American citizens within a 50-mile radius of the facility. [The Politico \(Washington, D.C.\) \(3/16\)](#), [The New York Times \(free registration\) \(3/17\)](#), [The Washington Post \(3/17\)](#)

▪ **Stay up to date on the facts about the situation in Japan:**

- Read [NEI's regular updates](#).
- Follow [@N_E_I](#) and [@NEIupdates](#) on Twitter.

▪ **Chu: Development of reactors will proceed**

The White House will continue to push for the development of reactors in the U.S. despite the nuclear crisis in Japan, Energy Secretary Steven Chu said. "We have to apply whatever lessons that can be and will be learned from what has happened and what is happening in Japan," Chu said during a congressional hearing. Any new safety information will be applied to existing and new reactor projects, he added. [FuelFix.com \(3/16\)](#)

▪ **Japanese helicopters begin dousing Fukushima reactor**

Military helicopters began unloading seawater onto the Fukushima Daiichi nuclear plant in Japan today in an attempt to cool overheated uranium fuel at Unit 3. Plant operators are also speeding up the construction of a power line that could bring back cooling systems at the facility. [Yahoo!/The Associated Press \(3/17\)](#)

▪ **Workers continue activity at Fukushima plant**

Tokyo Electric Power has nearly doubled the amount of workers, from 180 to 322, at the Fukushima Daiichi nuclear plant after withdrawing them Wednesday when radiation levels rose. The workers' brief retreat slowed attempts to avert a meltdown. [Bloomberg \(3/17\)](#), [FuelFix.com/The Associated Press \(3/16\)](#)

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News Roundup



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▪ **Industry is praised for openness on the reactor crisis**

The U.S. nuclear industry is handling the Japanese reactor crisis as well as it can, said Michael Levi, a senior fellow for energy and the environment at the Council on Foreign Relations. The industry hasn't been "defensive," and "they have made themselves the credible source for technical information," Levi said. "People tend to believe you more if you square with them, and the industry has been doing that in the last few days," he added. [The Politico](#) (Washington, D.C.) (3/16)

▪ **N.Y. governor seeks review of Indian Point safety data**

New York Gov. Andrew Cuomo is seeking to review data from the Nuclear Regulatory Commission regarding the safety of Entergy's Indian Point nuclear plant, which is located near a seismic fault line. "Indian Point is neither susceptible to the type of earthquake that occurred in Japan, nor the tsunami that followed that ultimately removed the cooling capability of the Japanese plant," said Jerry Nappi, a spokesman for Entergy. Even so, he added, the company will conduct a broad study of "the plant's ability to respond to catastrophic events." [The Wall Street Journal/The Associated Press](#) (3/16)

▪ **Nuclear advocates compare STP, Fukushima facilities**

Supporters of the South Texas Project nuclear plant offered several differences between the facility and the stricken Fukushima Daiichi site in Japan. STP is situated about 11 miles inland in a zero-rated seismic zone, while Fukushima is on a coastline and in a seismic region ranked as one of the world's top active. STP's units 1 and 2 started up in 1988 and 1989, respectively, while the Fukushima reactors are three to four decades old, advocates said, while the reactor designs of the Japanese and Texas plants are not the same. [FuelFix.com](#) (3/16)

▪ **Nuclear still key to a sustainable energy future**

□ The U.S. needs to reflect on ways to improve amid the nuclear crisis in Japan, writes Glenn Sjoden, a professor of nuclear and radiological engineering at the George W. Woodruff School of Georgia Institute of Technology. But the country should still pursue the development of nuclear power to achieve a sustainable energy future while learning from the errors, Sjoden writes. "At this juncture, it's worth noting that had the reactor plants at Daiichi been modern power reactor designs, no active cooling would be required, and the decay heat would have been removed through an automatic convection cooling mechanism afforded in all modern passively safe reactor designs," he writes. [CNN](#) (3/16)

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Policy Watch □ □ □

▪ **U.S. approach to nuclear energy unchanged by crisis**

□ The Obama administration is responding more conservatively than other countries to the Japanese nuclear crisis, write Peter Wallsten and Dan Eggen. The U.S. has encouraged its citizens to move 50 miles away from the damaged Fukushima Daiichi plant though other countries want their citizens to leave Japan, and the administration continues its support for nuclear energy, they write. Officials have told Congress that the administration plans to continue its push for new nuclear plants. [The Washington Post](#) (3/17)

▪ **Safety of nuclear plants must be reviewed, senators say**

U.S. nuclear facilities must undergo extensive safety reviews, Senate Democrats said. "We've got an inferno in front of us and we have to make sure that we do whatever we can to stop it," Sen. Frank Lautenberg, D-N.J., said during a Senate Environment and Public Works

Committee inquiry. Nuclear Regulatory Commission Chairman Gregory Jaczko said that the agency is taking the necessary precautions to avert similar incidents. [The Hill/E2 Wire blog](#) (3/16)

▪ **Rep. Upton: Nuclear is a "vital" part of U.S. energy mix**

House Energy and Commerce Committee Chairman Fred Upton, R-Mich., reiterated his support for nuclear energy amid the reactor crisis in Japan. "I'm not straying from my support for safe nuclear energy as a vital component" of the nation's energy portfolio, Upton said. He said his committee will hold hearings. [The Hill/E2 Wire blog](#) (3/16)

▪ **Rep. Paul: Nuclear crisis has spawned exaggerated responses**

Most responses to the Japanese nuclear crisis are "overblown," said Rep. Ron Paul, R-Texas. "My guess is, when the dust settles, it won't be nearly as bad as some of the scare tactics we have been reading about in the past couple of days," said Paul, who is a supporter of nuclear energy. [The Hill/Blog Briefing Room](#) (3/16)

▪ **New Jersey seeks part in lawsuit against used-fuel policy**

New Jersey has asked a federal court to let it join a lawsuit challenging the Nuclear Regulatory Commission's rule that allows nuclear facilities to store used fuel 60 years beyond their licensed operation. "We are joining in this challenge because of the potential of significant public health and safety implications, and the potential impact on New Jersey's environment," said Bob Martin, commissioner of the state's Department of Environmental Protection. [Today's Sunbeam \(Salem, N.J.\)](#) (3/16)

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Management & Leadership



▪ **Whatever you do, don't apologize too soon**

A properly delivered apology offers catharsis and closure, allowing companies to move on from disastrous mistakes. But recent events in Japan have shown that a premature apology can be vastly counterproductive. Masataka Shimizu, head of Japan's TEPCO utility company, apologized within hours of the first explosion at one of his company's nuclear plants, before it was clear that he had anything to be personally contrite about, writes Kimberly Weisul.

[BNET/Leadership Lab blog](#) (3/16)

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- [How to Easily Win Major Business Awards](#) Mike Michalowicz
- [6 Easy and Free Ways to Earn Employee Loyalty](#) Rieva Lesonsky
- [How to Get the Most Out of Your Customer-Facing Employees](#) Micah Solomon

Editor's Note



▪ **How are you helping relief efforts in Japan?**

If you or your company, organization or group want to help the Japanese people recover from last week's earthquake and tsunami but aren't sure how to do so, InterAction provides options. An alliance of U.S.-based international nongovernmental aid organizations, InterAction has compiled [a list of groups](#) that are accepting private, corporate and group

donations, along with some guidelines for the most appropriate ways to help. --**Rick Stamberger, CEO of SmartBrief**

What is your organization doing to help? **Share your story with us.**

SmartQuote



When we lose the right to be different, we lose the right to be free."

--**Charles Evans Hughes,**
American lawyer and politician



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From: E&E Publishing, LLC
To: Virgilio, Martin
Subject: Codes Enclosed -- March 17 -- ClimateWire is ready
Date: Thursday, March 17, 2011 8:44:33 AM

ClimateWire



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CLIMATEWIRE -- THU., MARCH 17, 2011 -- [Read the full edition](#)

1. **POLICY: A nuclear shock felt around the world could resonate for years**

The ongoing nuclear power disaster in Japan could slow or stop nuclear development in several countries, set back Europe's plans to cut climate-related emissions by 2050, drive up the cost of electricity and fossil fuels and, ironically, delay ongoing plans for a generation of safer nuclear reactors, according to industry analysts. "This will be a difficult decision for Japan," explained Akira Tokuhiko, a professor of nuclear engineering at the University of Idaho, who noted that about 50 percent of the nation's electricity comes from nuclear power.

2. **NUCLEAR: Fukushima crisis worsens as U.S. warns of a large radiation release**

The top U.S. nuclear regulator, Gregory Jaczko, gave a dire assessment of Japan's nuclear crisis yesterday, saying that lethal radiation from uncovered spent fuel above one of the reactors could force emergency workers to abandon their fight to prevent meltdowns of damaged reactor cores at the Fukushima Daiichi plant. Jaczko, chairman of the Nuclear Regulatory Commission, said his staff in Tokyo had been told by Japanese utility officials that cooling water that normally covers spent fuel was nearly or totally gone from an uncovered concrete pool above reactor Unit 4.

TODAY'S STORIES

3. **MARKETS:** Japan nuclear disaster spurs heavy trading in energy alternatives
4. **ARCTIC:** NOAA strategy warns of 'widespread' climate change

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5. **WATER:** Carbon nanotubes may offer a solution for more affordable desalination
6. **TRANSPORTATION:** Car shoppers' 'tipping point' may come in March or April
7. **SCIENCE:** Canada's boreal forest under threat
8. **BIOMASS:** Company pulls plans to build Wash. plant
9. **NATURAL GAS:** After Japan crisis, concerns over nuclear may lead to Australian LNG boom
10. **NUCLEAR:** Duke wants \$459 million to build plant in N.C.
11. **OFFSHORE WIND:** Wind energy will 'likely' raise utility rates

E&ETV'S ONPOINT

12. **NUCLEAR CRISIS:** Former CEQ Chairman Frampton says Japanese disaster worse than Three Mile Island

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From: [Cohen, Miriam](#)
To: [Virgilio, Martin](#)
Cc: [Ash, Darren](#)
Subject: RE: Intel from Ops Center - HR message needed
Date: Thursday, March 17, 2011 4:08:28 PM

Marty: Did you see Larry's email from 2:07 pm? I was not sure if you had seen that email before you sent yours. Please advise.

Miriam

-----Original Message-----

From: Virgilio, Martin
Sent: Thursday, March 17, 2011 2:08 PM
To: Ash, Darren; Cohen, Miriam; Borchardt, Bill; Weber, Michael; Wiggins, Jim; Evans, Michele
Subject: Fw: Intel from Ops Center - HR message needed
Importance: High

Darren

For what it worth the most recent e mail for supervisors and managers was not very helpful. I read it and was left wondering how I should charge my time. I would classify the night shift in the ops center as out of the ordinary.

Last week I met with one of the Hr specialist (Larry) and he offered to provide us a summary of the rules and flexibility we have for non routine hours and overtime with an eye toward providing the best we can to our staff supporting this effort in Japan and here in the ops center. I have not seen his response.

Marty

----- Original Message -----

From: Sanfilippo, Nathan
To: Ash, Darren
Cc: Davis, Kristin; Borchardt, Bill; Virgilio, Martin; Weber, Michael
Sent: Thu Mar 17 09:50:49 2011
Subject: Intel from Ops Center - HR message needed

Darren,

Just wanted to pass along a bit of intel I've gathered as I've been involved in the Ops Center response. While there have been a few emails about the TAC codes to use, there hasn't been any guidance about how to charge time and any universal guidance to supervisors on the use of OT (night differential, etc.). I think it would ease the concerns of a lot of responders if we could put out a message. I've heard that different supervisors are approaching it differently, some approving and some disapproving their staff's support of the Ops Center, and many don't know of the OT rules/regs. Some folks are concerned (who have worked close to 80 hours in a week since their positions have practically no back-ups) of how they will be compensated for their time. That said - the dedication of these folks is truly impressive.

Just what I'm hearing from the streets and hoping you could help get some words out,
Nathan

YY/187

From: [EDO Update](#)
To: [Taylor, Renee](#)
Subject: EDO Update
Date: Thursday, March 17, 2011 4:09:41 PM

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EDO Update



Thursday, March 17, 2011



The situation at the Fukushima reactor site in Japan continues to be very serious and dynamic. The NRC has responded quickly and effectively to an incredibly challenging situation. We have staffed the Operations Center 24/7 since last Friday and we have a team of 11 individuals who are in Japan to 1) provide support to the U.S. ambassador and the embassy, 2) interface with the Japanese regulator and licensee, and 3) help to facilitate coordination of the U.S. Government response. The Chairman was on Capitol Hill yesterday to brief committees of both the House and Senate on what is happening and how the NRC is responding. The quality of the work done by the NRC staff is clearly recognized and appreciated by all of our stakeholders.

Given the available information, we continue to be very concerned about the condition of three reactor cores and two spent fuel pools. Based on calculations performed by NRC experts for the situation as a whole, we now believe that it is appropriate for U.S. residents within 50 miles of the Fukushima reactors to evacuate. Our recommendation is based on NRC guidelines for public safety that would be used in the U.S. under similar circumstances. At the same time, however, we do not expect any part of the U.S. or its territories to experience any harmful levels of radioactivity, given the great distances involved. We continue to do analyses to verify our understanding of this issue. The NRC is working closely with our federal partners to monitor radiation releases from the Japanese nuclear power plants.

We will continue to place emphasis on communication activities. The agency is being flooded with phone calls from the media, stakeholders, and the general public. Once again, thank you to everyone who is pitching in to help deal with this volume of activity.

Given the dynamic situation, there will be an All-Hands meeting tomorrow at 2:00 p.m. in the One White Flint auditorium, with VTC to the regions, Technical Training Center, and headquarters satellite offices. Overflow seating will be available in

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the TWFN Exhibit Area as well as the Commission Hearing Room. (There will also be a bridge line: 888-820-8960; pass code: 8690842.) I will give you an update on what we know, and answer any questions to the best of my ability. In addition, we are expecting to have a Commission meeting early next week. We will provide a link to the briefing materials as soon as possible. Finally, you may find these documents prepared by the Office of Nuclear Reactor Regulation to be of interest:
<http://portal.nrc.gov/edo/nrr/default.aspx>.



Bill Borchardt, EDO

From: E&E Publishing, LLC
To: Virgilio, Martin
Subject: March 17 -- E&ENews PM is ready
Date: Thursday, March 17, 2011 5:15:44 PM

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1. **NUCLEAR CRISIS:** Obama orders 'comprehensive review' of U.S. reactors

President Obama tried today to calm fears that nuclear radiation from the ongoing disaster in Japan might reach American shores. In his statement -- the president didn't take questions from reporters -- Obama offered an update on the crisis in Japan where authorities are battling to prevent a full reactor meltdown at the Fukushima Daiichi nuclear plant. The president also used the opportunity to reiterate his commitment to making safe nuclear power a part of the United States energy program.

THIS AFTERNOON'S STORIES

2. **CLIMATE:** Baucus adds a new EPA amendment to the mix
3. **BUDGET:** Senate joins House in kicking tough spending decisions to April
4. **OFFSHORE DRILLING:** New deepwater permits imminent, but staffing concerns on the horizon -- DOI
5. **NUCLEAR CRISIS:** Watchdog criticizes American safety standards
6. **NOAA:** GOP budget cuts could hurt tsunami, weather warning systems -- Locke
7. **WHITE HOUSE:** Got an idea for improving NEPA? CEQ wants to hear it
8. **BIOFUELS:** USDA accounting skews food vs. fuel debate -- governors
9. **ENDANGERED SPECIES:** Obama admin needs more time on expanded protection for sea turtles

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10. **NUCLEAR CRISIS:** Former CEQ Chairman Frampton says Japanese disaster worse than Three Mile Island

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From: Weber, Michael
To: Virgilio, Martin; Borchardt, Bill
Cc: Casto, Chuck; McDermott, Brian; Wiggins, Jim; Leeds, Eric
Subject: RESPONSE - Assistance requested
Date: Thursday, March 17, 2011 5:44:22 PM

Brian attempted to discuss this with Pete today at the meeting downtown, but could only get to John Kelly, who knew nothing about the idea. Brian shared with John that we appreciate the support, but thought that the team in Japan was working well and we did not want to disturb it by changing the team at this time. John noted that DOE already had a few experts in country. Brian offered to revisit this decision in the future (not specified). I suggested to Brian, if this topic comes up again, that we encourage DOE to participate in our operations center working with the RST to evaluate the feasibility and success expectations for the mitigating actions that we are engineering and coordinating to pump over to Chuck and his team.

You should also be aware that Laura Dudes (outgoing RST Director) and Fred Brown (incoming RST Director) raised a concern that the NRC people on the RST may not be well suited to conduct the detailed engineering and problem solving from an operational perspective – they are great regulators, but are not the sharpest operational engineers. We'll need to watch this in the ET and provide appropriate support and guidance. Laura and Fred plan to lean on INPO (as lead coordinator for the industry), and private sector colleagues to do the problem solving and operational planning. This is probably being discussed right now as the team is conducting a conference call with Chuck and other external participants on the mitigating strategies.

From: Virgilio, Martin
Sent: Thursday, March 17, 2011 6:28 AM
To: Borchardt, Bill; Weber, Michael
Cc: Casto, Chuck; McDermott, Brian; Wiggins, Jim
Subject: Assistance requested

Bill/Mike

DOE engaged Chuck directly earlier today requesting he add a group of DOE staff (unspecified number and skills) on his team. Chuck views this as a burden and additional management challenge that he does not need at this time. I agree. Could one of you please follow up with Pete Lyons today to turn this off, for now. It may be tolerable at some time down the road.

We (including Chuck) are working with INPO to identify one individual that has knowledge and field experience in severe accident management strategies and procedures.

Marty

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From: [LIA03 Hoc](#)
To: [Virgilio, Martin](#)
Cc: [LIA06 Hoc](#); [LIA04 Hoc](#)
Subject: Japan Atomic Industrial Forum report
Date: Thursday, March 17, 2011 7:20:54 PM

http://www.jaif.or.jp/english/news_images/pdf/ENGNEWS01_1300368607P.pdf

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From: Weber, Michael
To: Jaczko, Gregory
Cc: Sheron, Brian; Uhle, Jennifer; RST01 Hoc; OST02 HOC; LIA05 Hoc; Coggins, Angela; Batkin, Joshua; Virgilio, Martin; Borchartd, Bill
Subject: FYI - SUMMARY OF TODAY'S MEETING WITH SECRETARY CHU ON WAYS TO ASSIST JAPAN
Date: Thursday, March 17, 2011 7:30:52 PM

Good evening, Chairman. Secretary Chu hosted a "brain storming" meeting downtown this afternoon on what steps might be taken to assist Japan authorities in controlling the nuclear power plants at Fukushima-Daiichi and preventing additional releases. Brian Sheron represented the NRC at the meeting and called me on his return to the office. You may recall that Pete Lyons invited the NRC to participate in the meeting. The meeting lasted a full four hours.

In addition to the Secretary and Dr. Lyons, other participants included Administrator D'Agostino, Director Holdren, Admiral Grossenbacher, John Kelly (DOE-NE), Bob Budnitz, Per Peterson (Blue Ribbon Commission), and others. The group discussed a number of different topics:

- Problem solving techniques that might be explored like PIRT and Failure Modes and Effects Analysis
- Percent of the reactor cores that might be released if the accident progresses, current configuration of the cores, and driving mechanisms for release
- Expected accumulation of salt from the evaporating seawater in the reactors and the coolability of a salt-encrusted core
- Potential effect of the salt on Cs releases due to the formation of CsCl
- Prophylactic doses of KI and side effects
- NRC seismic design requirements for NPPs in the United States
- Possible strategies for getting water in the Spent Fuel Pools, suppressing Zr fuel fires, or for removing the spent fuel from the pools
- Average annual doses to members of the U.S. population and sources

The Secretary stated that he will be interviewed on 5 talk shows this coming Sunday morning, so he was interested in getting background information about several topics. He asked for a one page summary of our seismic design requirements. Given the tight time constraints, Brian was not sure that we could turn around a summary that fast, so he provided the Secretary with a current copy of draft Q&As on seismic issues that has been prepared by RES, NRR, and other NRC offices. I will forward to you a copy of these Q&As – they are in draft form and extensive (10s of pages). Dr. Lyons will document today's meeting. Brian got the impression from the Secretary that he may have a similar meeting at some point in the future. Brian did not hear any ideas that sounded feasible that we were not already aware of. Some of the participants heard ideas that they plan to look into, but it did not sound like there were any specific ideas to pass to our team in Japan at this time.

Mike

Michael Weber
Deputy Executive Director for Materials, Waste, Research,
State, Tribal, and Compliance Programs

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U.S. Nuclear Regulatory Commission

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 - ** IAEA: At least 20 workers contaminated at Fukushima I
 - ** Obama orders comprehensive review of US nuclear plants
 - ** No risk in US from Japan nuclear accident: NRC chairman
 - ** S&P predicts more licensing scrutiny from NRC after Japan accident
 - ** NRC publishes proposed fiscal 2011 fee rule for comment
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*** Fukushima I recovery effort continues

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Tokyo Electric Power Co. and Japanese authorities March 17 continued trying to keep fuel covered with water and restore electric supply to the Fukushima I nuclear power plant.

Units 1, 2 and 3 had partially melted cores, and the spent fuel pools at units 3 and 4 were at the boiling point, according to an update by France's Institute of Radiological Protection and Nuclear Safety, IRSN, at 5 pm Paris time March 17.

The Fukushima plant is in Japan's Tohoku region, which is about 250 km (155 miles) north of Tokyo and was hit with a 9.0-magnitude earthquake and resulting tsunami,

Thierry Charles, IRSN's head expert on the Japanese crisis, told a midday press briefing there was a "ray of hope" for the reactor site, compared to the "very pessimistic" outlook the day before. Japan's Self Defense Forces had managed to drop water from helicopters onto the spent fuel pools and Tepco had said it expected to restore regular electric power to emergency cooling systems for the three damaged reactors, he said.

Tepco said it would not be able to restore power lines to the site until March 18. Restoration of power would theoretically allow restarting of pumps that could re-establish longer-term residual heat removal.

On March 16, the main source of concern for foreign experts was unit 4's spent fuel pool, which contains about 1,500 fuel elements and has a heat load of about 3 MW, according to IRSN's calculations. IRSN said that pool was boiling on March 16.

But on March 17, Charles and other IRSN experts in the institute's crisis management team said the focus of concern had shifted to the unit 3 spent fuel pool, where an earlier hydrogen explosion had blown out the side of the reactor building, which is next to the fuel pool, and the fuel pool was suspected to be damaged.

Japanese authorities said a Self Defense Force helicopter had been able to dump 15 metric tons of water onto the unit 3 pool, but a large part of the water had probably not reached the pool. The absence of a steam cloud above the building in aerial photographs March 17 suggested that the operation had worked to cool the fuel, IRSN said in the afternoon update. But if the pool is damaged, water must be continually poured in to keep the fuel elements covered, IRSN experts said.

The Japanese response team brought fire trucks and anti-riot vehicles capable of hosing over a distance of 80 meters (about 262 feet) to 100 meters to the site in an attempt to fill the fuel pools from the ground.

High radiation levels apparently hampered that operation, at least temporarily, on March 17. But late that day, Japanese media reported that the hosing operations had resumed.

*** Fukushima releases 'one-tenth' those from Chernobyl: IRSN

Releases up to now from Japan's Fukushima I nuclear power plant are about one-tenth of what were released from the Chernobyl-4 reactor in Ukraine in 1986, experts of France's Institute of Radiological Protection and Nuclear Safety, IRSN, said March 17.

They said the calculation was a rough one and based on releases to date of the volatile elements that dominate the health impact of radioactive fallout: iodine, tellurium and cesium. Noble gases like xenon and krypton have also been released but have little health impact.

Chernobyl released about 5.8 E18 becquerels (5.8 Exabecquerels) of those elements, according to IRSN. The releases of those elements from Fukushima so far amount to about 7.5 E17 becquerels, according to Thierry Charles, IRSN's fuel cycle safety director and head spokesman on the technical aspects of the Japanese accident.

Charles said IRSN had calculated the releases based on the inventory of the three reactors that have had partial core melt units 1, 2 and 3 and the assumed degree of fuel degradation and had postulated that the three units had released volatile elements from the equivalent of one reactor core.

IRSN has also modeled the movement of the radioactive plume from the Fukushima site, beginning on March 12 and extrapolated out to March 20. The models show that the plume got closer to Tokyo on March 16 but was pushed out to sea the following day by winds from the west.

In any case, IRSN experts said, the doses in Tokyo are not of a nature to cause health problems.

At the press briefing, French Environment Minister Nathalie Kosciusko-Morizet said the French government would recommend evacuating people within a radius of 60 kilometers (37 miles) of the site, instead of 20 km as is now the case, but only if the situation got worse. Tokyo is about 250 km from the site.

Patrick Gourmelon, IRSN's medical expert, said that there was no need for any member of the public to take stable iodine tablets to avert thyroid cancer, adding that the tablets can create other health problems.

People in France, as in the US, have been buying the tablets, and Gourmelon said it was urgent to tell them not to take the medicine.

According to IRSN's calculations, except in the 30-km zone around the plant, doses to the thyroid from the Fukushima plume, even for an infant exposed over 24 hours, do not reach the level of 100 milliSieverts at which authorities recommend taking stable iodine. The latter is absorbed by the thyroid, preventing radioactive iodine from being absorbed.

*** IAEA: At least 20 workers contaminated at Fukushima I

The IAEA said March 17 that at least 20 people, one of whom had "significant exposure," were contaminated by radioactivity at Tokyo Electric Power Co.'s Fukushima I nuclear power plant.

The IAEA said 17 people nine Tepco employees and eight subcontractor employees had "deposition of radioactive materials to their faces," but were not taken to a hospital because the exposure levels were low.

It said the worker who had significant exposure incurred that exposure

during "vent work and was transported to an offsite center."

Two policemen exposed to radiation were decontaminated, it said. Also, there are firemen who were exposed to radiation but those exposures were still under investigation, IAEA said.

Four workers had minor injuries due to the explosion at Fukushima I-1 on March 11, it said. The explosion at unit 3 on March 14 injured 11 people, it said, but did not elaborate.

The IAEA based its information on a March 16 statement from the Japanese Chief Cabinet Secretary.

*** Obama orders comprehensive review of US nuclear plants

President Barack Obama has ordered the NRC to conduct a "comprehensive" safety review of nuclear power plants in the country, in light of the ongoing crisis at the Fukushima I nuclear power plant in Japan.

US nuclear power plants have undergone "exhaustive studies" to ensure safety in emergencies, he announced March 17. Nevertheless, the US has the responsibility to learn from the crisis in Japan at Tokyo Electric Power Co.'s Fukushima site, he said. He did not provide details on the scope of the review. Obama called nuclear power "an important part of our own energy future."

Earlier that day, Senators Barbara Boxer of California and Tom Carper of Delaware, both Democrats, sent a letter to NRC Chairman Gregory Jaczko requesting the agency assess US nuclear power plants' "capacity to withstand catastrophic natural or man-made disasters including scenarios that may be considered remote like the recent events in Japan."

Boxer chairs the Committee on Environment and Public Works and Carper chairs that committee's Clean Air and Nuclear Safety subcommittee that oversees the NRC. "Special and immediate attention should be given to those US nuclear reactors that share similar characteristics as the failing reactors in Japan," they said.

The senators asked NRC to supply information "as soon as possible" on several other issues, including data on "all US nuclear facilities subject to significant seismic activity and/or tsunamis." They also requested information on Japan's radiation monitoring system and measures to ensure the safety of spent fuel pools at power reactors in the US.

In a statement, Erich Pica, president of the anti-nuclear Friends of the Earth, said Obama "should immediately halt his push for expansion of this dangerous industry."

But Marvin Fertel, president and CEO of the Nuclear Energy Institute, said in a statement that a review of US nuclear plants "is an appropriate step after an event of this scale and we expect that the [NRC] will conduct its own assessment."

*** No risk in US from Japan nuclear accident: NRC chairman

There "can't be harm to anyone" in the US from the ongoing nuclear power accident in Japan, NRC Chairman Gregory Jaczko said at a White House press briefing March 17.

Jaczko said the NRC's recommendation March 16 that US citizens in Japan evacuate from a 50-mile radius around the Fukushima I nuclear power plant was "a prudent measure based on how we would respond in the US" to a similar accident.

Japanese authorities are evacuating people from a 20-kilometer (about 12.4 mile) radius around the plant and telling those within 20 km to 30 km of the plant to shelter in place.

Jaczko said the NRC recommendation was based on "some very preliminary modeling." NRC released data March 17 from "computer calculations" that it said support its recommendation

White House Press Secretary Jay Carney said at the briefing, "We have no reason to question the recommendations that have been made, or the assessments that have been made, by the Japanese authorities."

Daniel Poneman, DOE deputy secretary of energy, said at the briefing that aerial monitoring flights are providing the US with "independent" information on radiation levels near the plant,

Ralph Andersen, senior director for radiation safety and environmental protection at the Nuclear Energy Institute, said during an NEI telephone press briefing March 17 that the NRC's evacuation recommendation for US citizens was "highly conservative."

"I don't see any contradiction" between the US and Japanese recommended evacuation zones, Andersen said, because to evacuate everyone from a 50-mile radius would be an enormous task compared with recommending that US citizens near the plant relocate.

*** S&P predicts more licensing scrutiny from NRC after Japan accident

The nuclear accident in Japan could slow NRC's renewal of licenses for operating units and delay the final approval of new reactor designs and licenses to build and operate new units, Standard & Poor's Ratings Services said March 16.

The damage to multiple reactors at Tokyo Electric Power Co.'s Fukushima I plant might result in slower NRC licensing actions, which could move forward "with some fits and starts," S&P analysts wrote. NRC, the nuclear industry and the Institute of Nuclear Power Operations will review the incident for its implications, and "it is likely that these reviews will lead to delays in building new units and increase costs for operating existing units," S&P said.

Reactor vendors seeking design certifications may have to go back and prove the designs meet any new standards, and this could delay final rulemaking on the issue, S&P said.

The news from Japan has put the brakes on talks between CPS Energy and NRG Energy about buying power from proposed new units at the South Texas Project site, and that project may now stall, S&P said.

The aftermath of the earthquake and tsunami could cause a disruption in the supply of nuclear equipment and parts, hurting new reactor construction in the US, S&P said.

Of nuclear operators, Exelon is most exposed to credit concerns because it is a merchant generator without access to ratepayers to cover any costs from new regulatory requirements and about a quarter of its fleet consists of General Electric boiling water reactors of the same Mark I containment design as seen at Fukushima I, S&P said.

*** NRC publishes proposed fiscal 2011 fee rule for comment

The NRC will seek to recover about \$915.7 million in fees from licensees and applicants under the agency's proposed fee recovery rule for fiscal 2011.

The agency's proposed schedule of fees to recover 90% of the agency's budget, as required by statute, was published in the March 17 Federal Register. This represents an increase in fee recovery of about \$4.6 million over the fiscal 2010 budget.

The proposed fee rule is based on the agency's fiscal 2011 budget request, NRC said. Congress has not passed a fiscal 2011 budget and the federal government is being funded by a series of continuing resolutions at about their fiscal 2010 levels.

NRC proposes an increase in the fee it charges for staff time to \$273 an hour, up from \$259 in the fiscal 2010 rule. The annual fee charged for an operating power reactor would be \$4.669 million, down from \$4.784 million in fiscal 2010. The public comment period on the proposed rule ends April 18 and the agency said it plans to publish the final rule no later than June.

*** Reactor report

Palisades returned to full power early March 17 after a planned inspection of electric cables connecting buses at the rear of the plant switchyard. Entergy reduced the plant's power to 52% early March 16 to perform that work.

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Release

From: Huyck, Doug
To: Correia, Richard; Layton, Michael
Cc: Wastler, Sandra; Caldwell, Robert; Erlanger, Craig; Peduzzi, Francis
Subject: Support to the Ops Center
Date: Friday, March 18, 2011 7:34:55 AM

Rich and Mike, several of the branch (RSRLB) staff have expressed interest to help the Ops Center in any capacity, if needed. If the branch can support the staff's absence for a short period, who do we talk to in the ops center to determine if additional volunteers are needed?

Doug

44/194

Release

From: Abraham, Susan
To: Evans, Michele; McDermott, Brian; Correia, Richard; Holahan, Patricia; Rheaume, Cynthia
Subject: FW: Expedited Processing for Requests FOIA-2011-0118, FOIA-2011-0119, and FOIA-2011-0120
Date: Friday, March 18, 2011 9:24:08 AM

FYI. Andrea is beginning the process. Susan

From: Sealing, Donna
Sent: Friday, March 18, 2011 9:18 AM
To: Muessle, Mary; Abraham, Susan; Champion, Bryan; Uhle, Jennifer; Doane, Margaret; Hayden, Elizabeth; Joosten, Sandy
Cc: Clayton, Kathleen; Jaegers, Cathy; Wimbush, Andrea; Raynor, Catherine; Craver, Patti; Gorham, Tajuan; Walker(NRR), Sandra; Parks, Jazel; Isakovic, Nadja; Mitchell, Linda; Chimood, Jane; Shannon, Valerie; Champ, Billie; Mike, Linda; McKelvin, Sheila; FOIA Resource; Raphael, Mary Jean; Nichols, Russell
Subject: Expedited Processing for Requests FOIA-2011-0118, FOIA-2011-0119, and FOIA-2011-0120

Good Morning All,

We have received three FOIA requests from the Associated Press for information related to the event in Japan. The requests are FOIA-2011-0118, FOIA-2011-0119, and FOIA-2011-0120. These requests have been granted expedited processing. This means that they go to the head of the line and must be processed before any other FOIA requests you may already have. You are receiving this email because your office has been assigned one or more of these expedited requests. While I recognize that you have many competing priorities in these serious and dynamic times, I would appreciate your timely response to these requests.

Thank you for your assistance in processing these requests and please keep my office informed of your search and review efforts.

Donna Sealing
FOIA/Privacy Act Officer

44/195

From: Ling, Horace
To: Correia, Richard
Subject: Invitation to apply to the Harvard Leadership in Crises Program April 10-15, 2011
Date: Friday, March 18, 2011 3:47:24 PM

Dear Richard,

I'm writing to you because you attended a Harvard Executive Education program and are involved in the Nuclear industry. In view of the recent crisis in Japan involving the Nuclear Power industry, I would like to invite you to apply to the Leadership in Crises program at Harvard University April 10-15th. The program has been running for 10 years with a healthy group of FEMA, Homeland Security, first responders and other federal/state agencies, but I would like to have someone from the Nuclear power industry come to provide that perspective as well. It will be a great networking and executive development opportunity to whomever attends and could be an **important strategic investment for the Nuclear power industry** to make with these stakeholders.

Each year we bring about 50 leaders together for a one week Executive Education Program called Leadership in Crisis that prepares Leaders to face extraordinary circumstances—natural disasters, major technology failures in industry or transportation, and public health emergencies such as emergent infectious diseases. Leadership in Crises examines what constitutes excellent performance in a crisis, and what it takes to achieve it. The program offers participants an analytical framework for understanding the difference between a crisis and a routine emergency. Moreover, it provides an in-depth look at the role a leader plays in identifying and executing the appropriate response in each situation. I hope that you will take this opportunity seriously and consider who from your organization would be a good representative. Considering the late notice and the short timeframe in which you have to make a decision, I am authorized to give a tuition discount if that would help get a person from your organization to attend.

For more information and to apply to the 2011 Leadership in Crisis Program (April 10-15, 2011), please click on this link - <http://ksgexecprogram.harvard.edu/Programs/lic/overview.aspx>

You may also call me at 617-496-9714 or send email to this address if you have any questions. The time frame is short, but it's an opportunity that will not be available until this time next year.

Sincerely,

Horace

4/4/11

From: [Platts Energy Week TV](#)
To: [Correia, Richard](#)
Subject: Japan's Tragedy Prompts New Look at Nuclear Energy
Date: Friday, March 18, 2011 4:35:51 PM

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Click [here](#) to see pictures from the Platts Energy Week Launch Reception at the Petroleum Club of Houston.

What's Happening on March 20th
[Streaming video](#) available at 9 a.m Eastern Time.

Japan's Tragedy Prompts New Look at Nuclear Energy



With the disaster in Japan, nuclear energy is coming under close scrutiny again as a safe and reliable power source for the U.S. Even pro-nuclear lawmakers are raising questions with the Nuclear Regulatory Commission and the

Department of Energy. Among them is **Representative Ed Whitfield, chairman of the House Energy and Power Subcommittee**, who tells Bill what Washington should do — and not do — when it comes to nuclear energy.

Could Another Nuclear Disaster Hit the U.S.?

How does nuclear technology and regulation in Japan and the U.S. compare? And is the U.S., 32 years after the Three Mile

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44/197

Island accident, any different when it comes to the potential for another nuclear meltdown? The **director of Idaho National Laboratory and former nuclear submarine commander, John Grossenbacher**, gives Bill his insight.

Whither the Nuclear Renaissance?

With applications pending for 20 new reactors in the U.S., and more on the drawing board, the nuclear power industry has been anticipating a renewal. But will financing become more difficult in light of the nuclear catastrophe in Japan? **Dmitri Nikas**, with **Standard & Poor's utilities and infrastructure unit**, and **Benjamin Salisbury**, with **FBR Capital Markets**, offer Bill some answers.

Dmitri Nikas, with **Standard & Poor's utilities and infrastructure unit**, and **Benjamin Salisbury**, with **FBR Capital Markets**, offer Bill some answers.

Fallout for Other Energy Commodities

Vandana Hari, **Platts senior editorial director for Asia**, discusses with Bill how Japan is making up for losses in nuclear power, and what it means for markets in liquefied natural gas, coal and oil.

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Unrest in Libya — Is Risk of Oil Supply Disruption Enough to Get Uncle Sam Tapping?

What does it take to prompt the United States government to tap into its stockpile of "safety net" oil – the Strategic Petroleum Reserve – to increase supply and help temper prices at the pump for the consumer? Bill Loveless will speak with **Platts global director of news, John Kingston**, a long-time oil veteran, about the full factors behind the price spike and whether the U.S. should be tapping its SPR. [Watch Now](#)

Macondo Oil Spill One Year Later—Could We Contain Another Spill?

Despite lessons learned last year, there are only a couple of remedies for containing another offshore deep-water oil rig

bill@plattsenergyweektv.com

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From: Drouin, Mary
To: Demoss, Gary; Coyne, Kevin; Correia, Richard; Coe, Doug
Subject: FYI -- New York Times article
Date: Friday, March 18, 2011 5:27:50 PM

Either on Monday or Tuesday, there will be an article in the New York Times on the Japan event, supposedly to be entitled "Can this happen here?" The reporter interviewed Biff Bradley (NEI) and Doug True (President of Erin Eng, major industry consultant and probably biggest contractor doing PRA work in the private sector); a large part of the interview were questions regarding PRA. I have no idea who else was interviewed. Doug felt that the reporter did not have any "agenda."

Mary Drouin

Senior Program Manager/Advisor

which

U.S. Nuclear Regulatory Commission

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March FunFact – National Peanut Month. did you know that 1 acre of peanuts makes 30,000 peanut butter sandwiches and 3 lbs of peanuts are eaten per person per year which is 700 million lbs -- enough to coat the floor of the Grand Canyon!

4/19/8

From: Sheron, Brian
To: Bonaccorso, Amy; Calvo, Antony; Case, Michael; Coe, Doug; Correia, Richard; Dion, Jeanne; Gibson, Kathy; Lui, Christiana; Richards, Stuart; Rini, Brett; Sangimino, Donna-Marie; Uhle, Jennifer; Valentin, Andrea
Subject: FW: Press Release: NRC Informs U.S. Nuclear Power Plants on Japan Earthquake's Effects
Date: Friday, March 18, 2011 5:36:06 PM
Attachments: 11-052.pdf

From: OPA Resource

Sent: Friday, March 18, 2011 5:13 PM

To: Ash, Darren; Barkley, Richard; Batkin, Joshua; Bell, Hubert; Belmore, Nancy; Bergman, Thomas; Bollwerk, Paul; Bonaccorso, Amy; Borchartt, Bill; Bozin, Sunny; Brenner, Eliot; Brock, Terry; Brown, Boris; Bubar, Patrice; Burnell, Scott; Burns, Stephen; Carpenter, Cynthia; Chandrathil, Prema; Clark, Theresa; Collins, Elmo; Couret, Ivonne; Crawford, Carrie; Cutler, Iris; Dacus, Eugene; Dapas, Marc; Davis, Roger; Dean, Bill; Decker, David; Dricks, Victor; Droggitis, Spiros; Flory, Shirley; Franovich, Mike; Gibbs, Catina; Haney, Catherine; Hannah, Roger; Harbuck, Craig; Harrington, Holly; Hasan, Nasreen; Hayden, Elizabeth; Holahan, Gary; Holahan, Patricia; Holian, Brian; Jacobssen, Patricia; Jaczko, Gregory; Jasinski, Robert; Jenkins, Verlyn; Johnson, Michael; Jones, Andrea; Kock, Andrea; Kotzalas, Margie; Ledford, Joey; Lee, Samson; Leeds, Eric; Lepre, Janet; Lew, David; Lewis, Antoinette; Loyd, Susan; Magwood, William; McCrary, Cheryl; McGrady-Finneran, Patricia; McIntyre, David; Mensah, Tanya; Mitlyng, Viktoria; Monninger, John; Montes, David; Nieh, Ho; Ordaz, Vonna; Ostendorff, William; Owen, Lucy; Powell, Amy; Quesenberry, Jeannette; Reddick, Darani; Regan, Christopher; Reyes, Luis; Riddick, Nicole; RidsSecyMailCenter Resource; Riley (OCA), Timothy; Rohrer, Shirley; Samuel, Olive; Satorius, Mark; Schaaf, Robert; Schmidt, Rebecca; Scott, Catherine; Screnci, Diane; Shaffer, Vered; Shane, Raeann; Sharkey, Jeffrey; Sheehan, Neil; Sheron, Brian; Siurano-Perez, Osiris; Steger (Tucci), Christine; Svinicki, Kristine; Tabatabai, Omid; Tannenbaum, Anita; Taylor, Renee; Temp, WDM; Thomas, Ann; Uhle, Jennifer; Uselding, Lara; Vietti-Cook, Annette; Virgilio, Martin; Virgilio, Rosetta; Walker-Smith, Antoinette; Weaver, Doug; Weber, Michael; Weil, Jenny; Werner, Greg; Wiggins, Jim; Williams, Evelyn; Zimmerman, Roy; Zorn, Jason

Subject: Press Release: NRC Informs U.S. Nuclear Power Plants on Japan Earthquake's Effects

Attached for immediate release.

Office of Public Affairs
US Nuclear Regulatory Commission
301-415-8200
opa.resource@nrc.gov

44/199



NRC NEWS

U.S. NUCLEAR REGULATORY COMMISSION

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No. 11-051

March 18, 2011

NRC INFORMS U.S. NUCLEAR POWER PLANTS ON JAPAN EARTHQUAKE'S EFFECTS

The Nuclear Regulatory Commission has issued an Information Notice to all currently operating U.S. nuclear power plants, describing the effects of the March 11 earthquake and tsunami on Japanese nuclear power plants.

The notice provides a brief overview of how the earthquake and tsunami are understood to have disabled several key cooling systems at the Fukushima Daiichi nuclear power station, and also hampered efforts to return those systems to service. The notice is based on the NRC's current understanding of the damage to the reactors and associated spent fuel pools as of Friday, March 18.

The notice reflects the current belief that the combined effects of the March 11 earthquake and tsunami exceeded the Fukushima Daiichi plant's design limits. The notice also recounts the NRC's efforts, post-9/11, to enhance U.S. plants' abilities to cope with severe events, such as the loss of large areas of a site, including safety systems and power supplies.

The NRC expects U.S. nuclear power plants will review the entire notice to determine how it applies to their facilities and consider actions, as appropriate.

###

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From: [Cathy Hawes](#)
To: [Correia, Richard](#)
Subject: IN 2011-05 Tohoku-Taiheiyou-Oki Earthquake Effects on Japanese Nuclear Power Plants (ML110760432)
Date: Friday, March 18, 2011 5:47:14 PM
Attachments: [ML110760432.pdf](#)

Attached is an PDF version Information Notice 2011-05, Tohoku-Taiheiyou-Oki Earthquake Effects On Japanese Nuclear Power Plants, dated March 18, 2011, (ML110760432), that has been posted to the NRR GCC Web, along with the URL for Web access to generic communications files on the NRC Homepage:
<http://www.nrc.gov/reading-rm/doc-collections/gen-comm/info-notices/2011/>.

To subscribe or unsubscribe send an email to lyris@nrc.gov , no subject, and use one of the following commands in the message portion:

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thanks
Cathy

YX/200

UNITED STATES
NUCLEAR REGULATORY COMMISSION
OFFICE OF NUCLEAR REACTOR REGULATION
WASHINGTON, DC 20555-0001

March 18, 2011

NRC INFORMATION NOTICE 2011-05: TOHOKU-TAIHEIYOU-OKI EARTHQUAKE
EFFECTS ON JAPANESE NUCLEAR POWER
PLANTS

ADDRESSEES

All holders of or applicants for operating licenses for nuclear power reactors under the provision of Title 10 of the *Code of Federal Regulations* (10 CFR) Part 50, "Domestic Licensing of Production and Utilization Facilities," except those who have permanently ceased operations and have certified that fuel has been permanently removed from the reactor vessel.

All holders of or applicants for a standard design certification, standard design approval, manufacturing license, limited work authorization, early site permits or combined license issued under 10 CFR Part 52, "Licenses, Certifications and Approvals for Nuclear Power Plants."

PURPOSE

The U.S. Nuclear Regulatory Commission (NRC) is issuing this information notice (IN) to inform addressees of effects of the Tohoku-Taiheiyou-Oki Earthquake on nuclear power plants in Japan. The NRC expects that recipients will review the information for applicability to their facilities and consider actions, as appropriate, to avoid similar problems. Suggestions contained in this IN are not NRC requirements; therefore, no specific action or written response is required.

DESCRIPTION OF CIRCUMSTANCES

The following summary of events is provided based on the best information available at this time. The situation in Japan regarding recovery efforts for the Fukushima Daiichi Nuclear Power Station continues to evolve on an hourly basis.

On March 11, 2011, the Tohoku-Taiheiyou-Oki Earthquake occurred near the east coast of Honshu, Japan. This magnitude 9.0 earthquake and the subsequent tsunami caused significant damage to at least four of the six units of the Fukushima Daiichi nuclear power station as the result of a sustained loss of both the offsite and on-site power systems. Efforts to restore power to emergency equipment have been hampered or impeded by damage to the surrounding areas due to the tsunami and earthquake.

ML110760432

Units 1 through 3, which had been operating at the time of the earthquake, scrambled automatically, inserting their neutron absorbing control rods to ensure immediate shutdown of the fission process. Following the loss of electric power to normal and emergency core cooling systems and the subsequent failure of back-up decay heat removal systems, water injection into the cores of all three reactors was compromised, and reactor water levels could not be maintained. Tokyo Electric Power Company (TEPCO), the operator of the plant, resorted to injecting sea water and boric acid into the reactor vessels of these three units, in an effort to cool the fuel and ensure the reactors remained shutdown. However, the fuel in the reactor cores became partially uncovered. Hydrogen gas built up in Units 1 and 3 as a result of exposed, overheated fuel reacting with water. Following gas venting from the primary containment to relieve pressure, hydrogen explosions occurred in both units and damaged the secondary containments. It appears that primary containments for Units 1 and 3 remain functional, but the primary containment for Unit 2 may be damaged. TEPCO cut a hole in the side of the Unit 2 secondary containment to prevent hydrogen buildup following a sustained period when there was no water injection into the core.

In addition, Units 3 and 4 have low spent fuel pool (SFP) water levels. Efforts continue to supply seawater to the SFPs for Units 1 through 4 using various methods. At this time, the integrity of the SFPs for Units 3 and 4 is unknown.

Fukushima Daiichi Units 4 through 6 were shutdown for refueling outages at the time of the earthquake. The fuel assemblies for Unit 4 had been offloaded from the reactor core to the SFP. The SFPs for Units 5 and 6 appear to be intact, but the temperature of the pool water appears to be increasing. Emergency power is available to provide cooling water flow through the SFPs for Units 5 and 6.

The Japanese Government ordered an evacuation out to 20 km for the area surrounding Fukushima Daiichi. Residents out to 30 km were ordered to shelter in place.

The damage to Fukushima Daiichi nuclear power station appears to have been caused by initiating events outside of the design basis for the facilities.

BACKGROUND

10 CFR Part 50, Appendix A, "General Design Criteria for Nuclear Power Plants," General Design Criterion (GDC) 2, "Design Bases for Protection against Natural Phenomena," or similar appropriate requirements in the licensing basis for a reactor facility, requires that structures, systems, and components (SSCs) important to safety be designed to withstand the effects of natural phenomena such as earthquakes, tornadoes, hurricanes, floods, tsunami, and seiches without loss of capability to perform their safety functions. The design bases for these SSCs reflect: (1) appropriate consideration of the most severe of the natural phenomena that have been historically reported for the site and surrounding area, with sufficient margin for the limited accuracy, quantity, and period of time in which the historical data have been accumulated, (2) appropriate combinations of the effects of normal and accident conditions with the effects of the natural phenomena, and (3) the importance of the safety functions to be performed.

As a result of the terrorist events of September 11, 2001, the NRC issued EA-02-026, "Order for Interim Safeguards and Security Compensatory Measures" (the ICM Order) dated February 25, 2002. The ICM Order, which is designated as Safeguards Information (SGI), modified then-operating licenses for commercial power reactor facilities to require compliance with specified interim safeguards and security compensatory measures. Section B.5.b of the ICM Order requires licensees to adopt mitigation strategies using readily available resources to maintain or restore core cooling, containment, and SFP cooling capabilities to cope with the loss of large areas of the facility due to large fires and explosions from any cause, including beyond-design-basis aircraft impacts.

By letter, dated February 25, 2005, the NRC staff provided guidance for implementing Section B.5.b of the ICM Order. This guidance, designated as SGI, included best practices for mitigating losses of large areas of the plant and measures to mitigate fuel damage and minimize releases. Following issuance of the B.5.b Phase 1 Guidance, the NRC staff conducted inspections at operating reactor sites using Temporary Instruction (TI) 2515/164 (SGI) and subsequently TI 2515/168 (SGI) to ensure compliance with Section B.5.b of the ICM Order.

In December 2006, the Nuclear Energy Institute (NEI) issued NEI 06-12, Revision 2, "B.5.b Phase 2 & 3 Submittal Guideline." NEI 06-12 is designated for Official Use Only – Security Related Information (OUO-SRI). The NRC endorsed NEI 06-12, Revision 2, by letter dated December 22, 2006, also designated OUO-SRI, as an acceptable means for developing and implementing the mitigation strategies requirement in Section B.5.b of the ICM Order. NEI 06-12, Revision 2, provides guidance for implementing a set of strategies intended to maintain or restore core cooling, containment, and SFP cooling capabilities under the circumstances associated with the loss of a large area of the plant due to explosions or fire. NEI 06-12 provides guidance in the following areas:

- Adding make-up water to the SFP,
- Spraying water on the spent fuel,
- Enhanced initial command and control activities for challenges to core cooling and containment, and
- Enhanced response strategies for challenges to core cooling and containment.

The specific strategies covered in NEI 06-12, Revision 2, were developed based on the results of assessments conducted at currently licensed power reactor facilities for the purpose of enhancing plant specific mitigation capability for damage conditions caused by a large explosion or fire. These assessments identified a wide spectrum of potential plant specific strategies. NEI 06-12, Revision 2, specifies one set of strategies applicable to all pressurized-water reactors and another set applicable to all boiling-water reactors. Both sets are derived from the results of the plant specific assessments.

The B.5.b Phase 1 Guidance and NEI 06-12, Revision 2, were used by each licensee in preparing information submitted to the NRC that describes a plant specific approach to implementing mitigating strategies and supports each plant specific license condition. The NRC staff has completed its review of the information submitted by each licensee, as well as information obtained during prior NRC inspections, and has issued an OUO-SRI safety

evaluation (SE) that documents the bases for its approval of the license condition for each facility. The SE issued for each licensee includes regulatory guidance in Section 3.0 of Appendix A, "Phase 1 Assessment," that recites the generic B.5.b Phase 1 Guidance of Reference 3, as clarified in TI 2515/168, in a form that is designated OOU-SRI rather than SGI.

By publishing new requirements in the *Federal Register* dated March 27, 2009 (74 FR 13926), the NRC amended 10 CFR Part 50, 10 CFR Part 52, "Licenses, Certifications, and Approvals for Nuclear Power Plants," and 10 CFR Part 73, "Physical Protection of Plants and Materials." This rulemaking added paragraph (i) to 10 CFR 50.34, "Contents of Applications; Technical Information," and paragraph (d) to 10 CFR 52.80 " Contents of Applications; Additional Technical Information," to require submittal of a "description and plans for implementation of the guidance and strategies intended to maintain or restore core cooling, containment, and spent fuel pool cooling capabilities under the circumstances associated with the loss of large areas of the plant due to explosions or fire as required by § 50.54(hh)(2) of this chapter." This rulemaking also added 10 CFR 50.54(hh)(2) to impose the same mitigating strategies requirements on all reactor applicants and licensees as those imposed by the ICM Order and associated license conditions. The Statement of Considerations for this rulemaking specifically noted that the requirements in 10 CFR 50.54(hh) are intended to address certain events that are the cause of large fires and explosions that affect a substantial portion of the nuclear power plant and are not limited or directly linked to an aircraft impact. In addition, the rule contemplates that the initiating event for such large fires and explosions could be any number of beyond-design basis events. Such events include natural phenomena such as those described in GDC 2 (i.e., earthquakes, tornadoes, floods, tsunamis, and seiches), without regard to the GDC 2 provisions governing the severity of natural phenomena.

NRC regulations at 10 CFR 50.63, "Loss of All Alternating Current Power," require that light-water-cooled nuclear power plants be capable of withstanding for a specified duration and recovering from a station blackout.

DISCUSSION

The nuclear power industry has taken the actions listed below at each licensed reactor site. Additional information is available in the NEI Fact Sheet, "Industry Taking Action to Ensure Continued Safety at U.S. Nuclear Energy Plants," dated March 16, 2011, available at www.nei.org.

1. verification of the capability to mitigate conditions that result from severe adverse events, including the loss of significant operational and safety systems due to natural events, fires, aircraft impact and explosions
2. verification of the capability to mitigate a total loss of electric power to a nuclear power plant
3. verification of the capability to mitigate flooding and the impact of floods on systems inside and outside the plant
4. identification of the potential for loss of equipment functions during seismic events appropriate for the site and the development of mitigating strategies to address potential vulnerabilities

NRC assessment of the implications of beyond design-basis natural phenomena is continuing as more information becomes available. The NRC staff is currently developing a TI to guide staff in performing independent assessments of nuclear power plant readiness to address beyond design-basis natural phenomena under the Reactor Oversight Process. The NRC is considering additional generic communications and additional action including requesting operating plants to provide specific information relating to their facilities to enable the NRC staff to complete a regulatory assessment of beyond design basis phenomena.

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CONTACTS

This information notice requires no specific action or written response. Please direct any questions about this matter to the technical contact listed below or the appropriate Office of Nuclear Reactor Regulation (NRR) project manager.

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