

Road in front of Linac



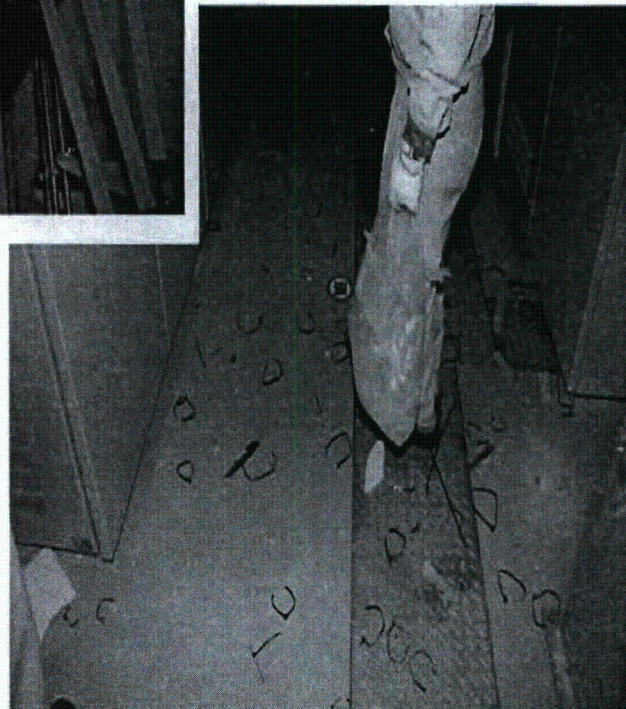
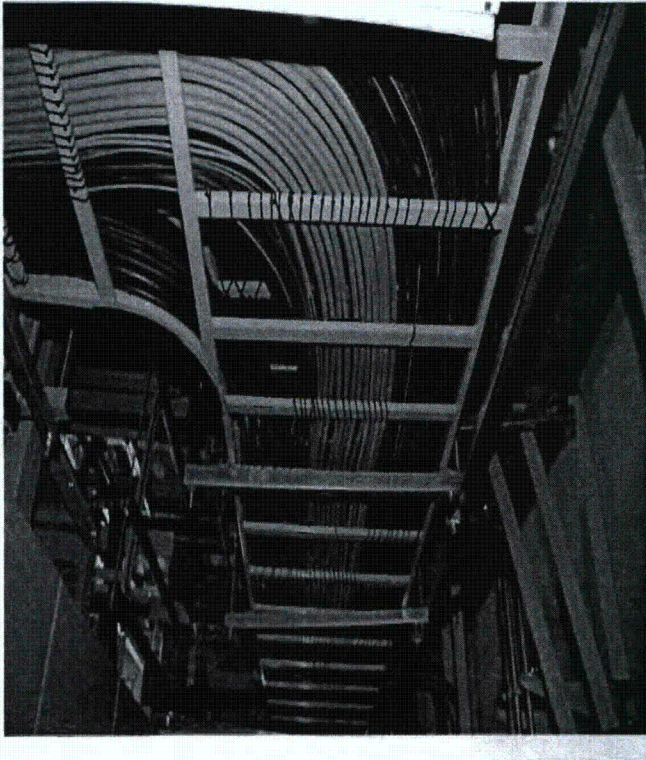
Serious cracks on the road. This is a typical one and can be seen all over the J-PARC area.

Electric Power Supply for Linac



Side buildings were severely damaged (due to less number of underpins), whereas central area for Linac had no damages including klystrons. ⁶

Electric Wiring Room



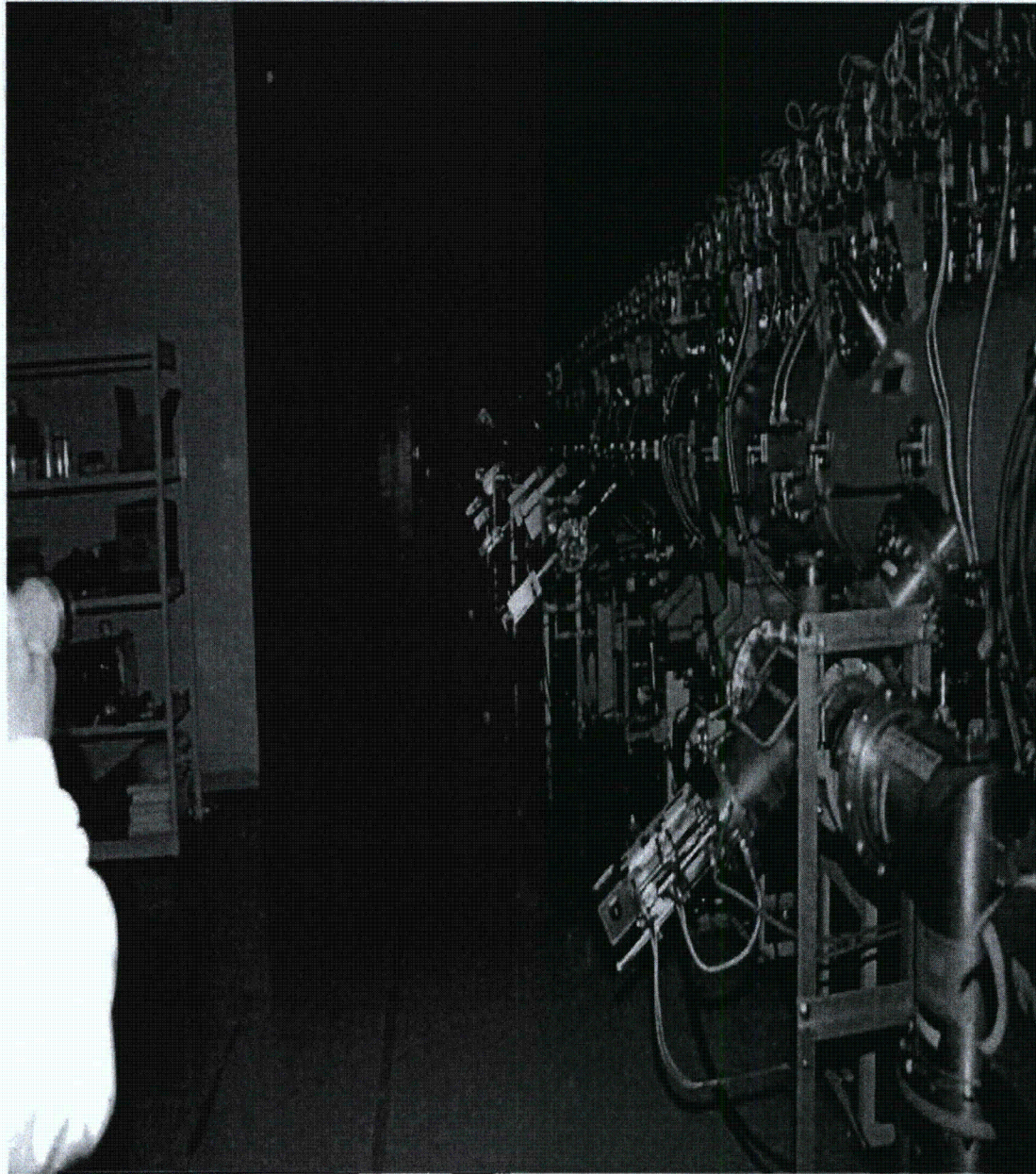
Cable Rack (upper) and many bundles were scattered on the floor below the cable rack (lower).

East Side of Linac



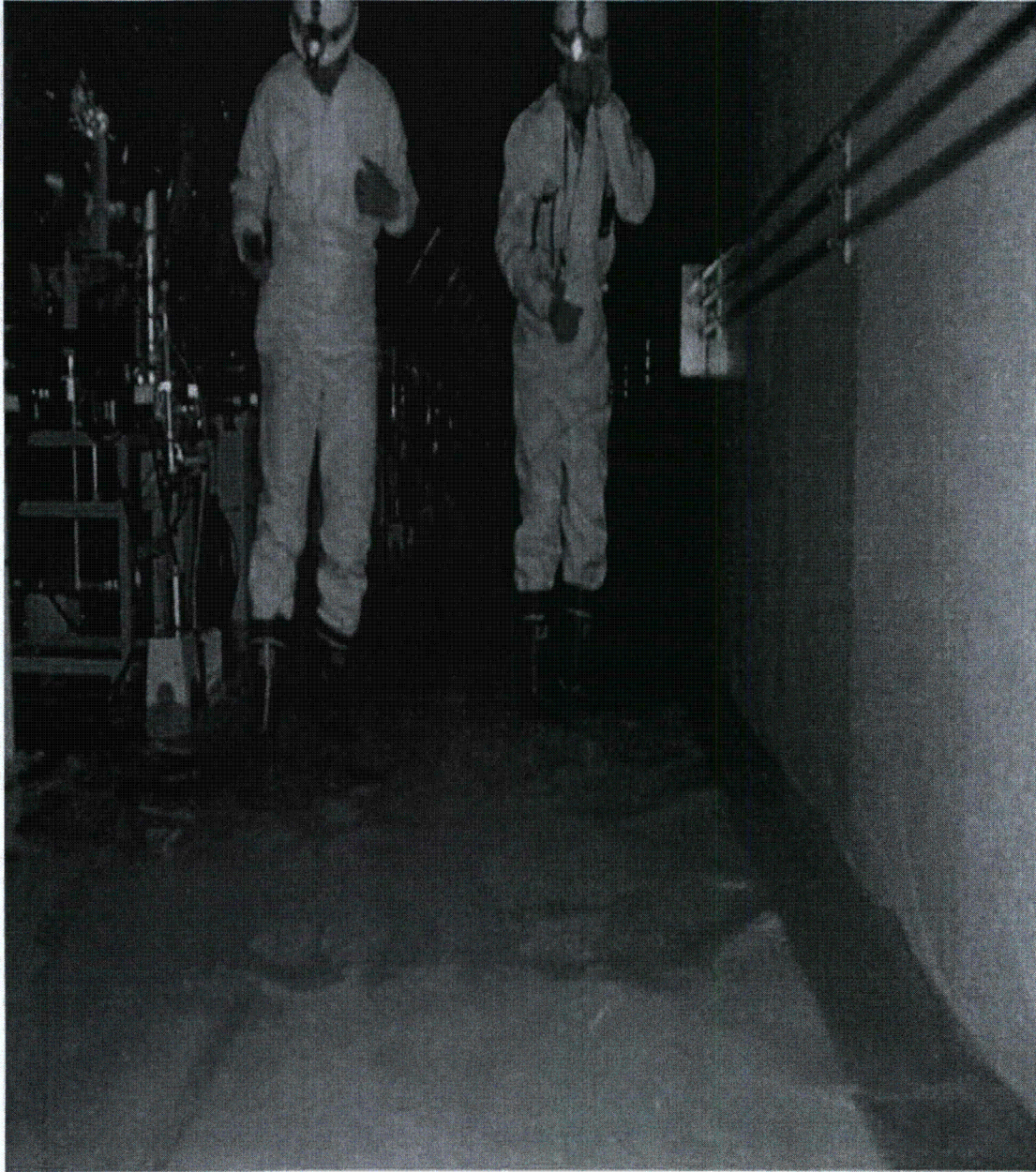
Compared to the west side of the building the east side of the building had less damages like the picture shown here.

Inside Linac Tunnel



Concerning the central area of Linac, no serious damages were seen by looking from outside. As of March 17, 1 cm deep water was on the floor.

Linac Tunnel as of March 24



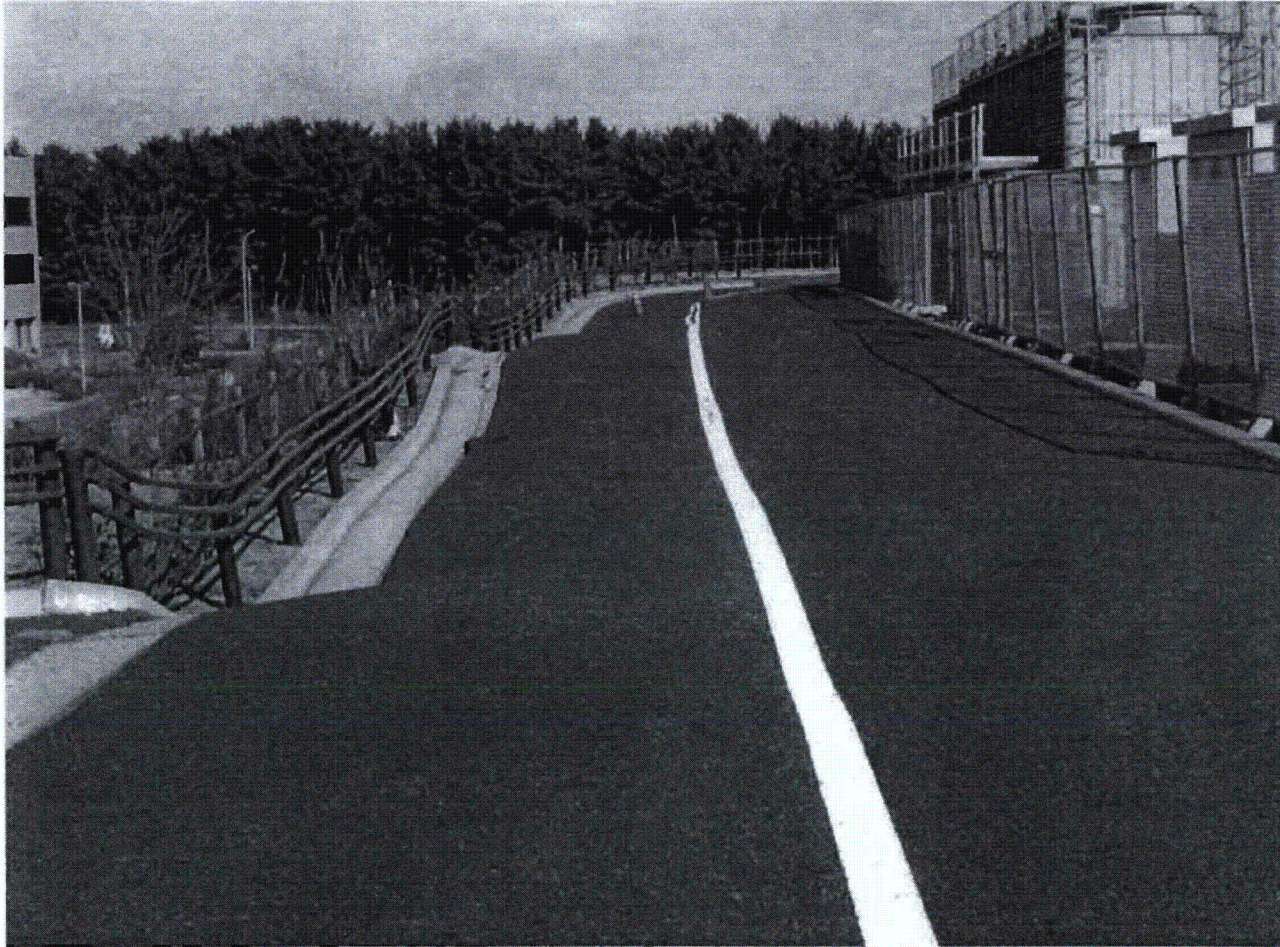
On March 17 the water level was only 1 cm, whereas it was 10 cm on March 24. With motor driven electric generator a pumping started on March 25.

3 GeV Electric Device



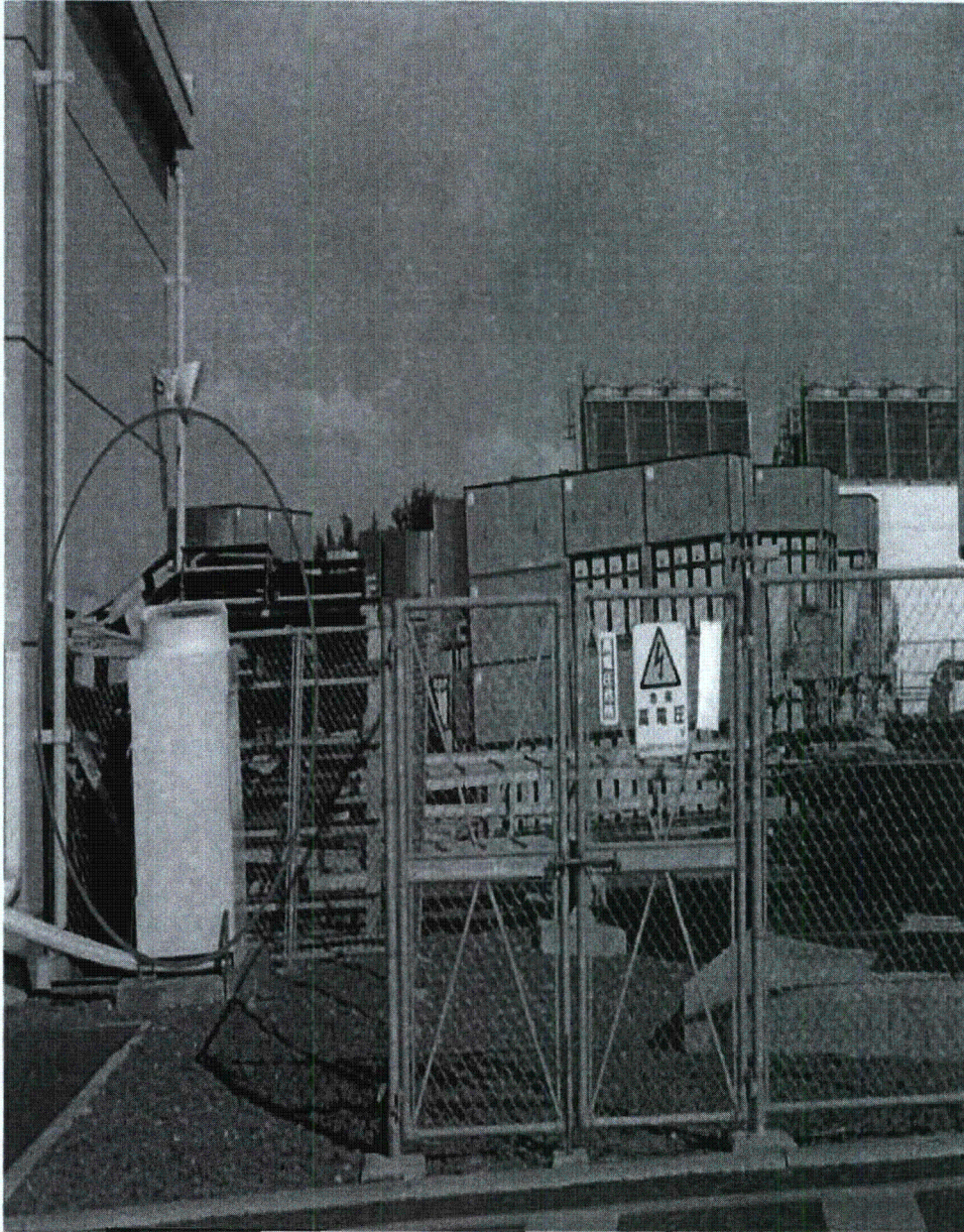
Leaning is observed as shown in the figure.

Road around 3 GeV



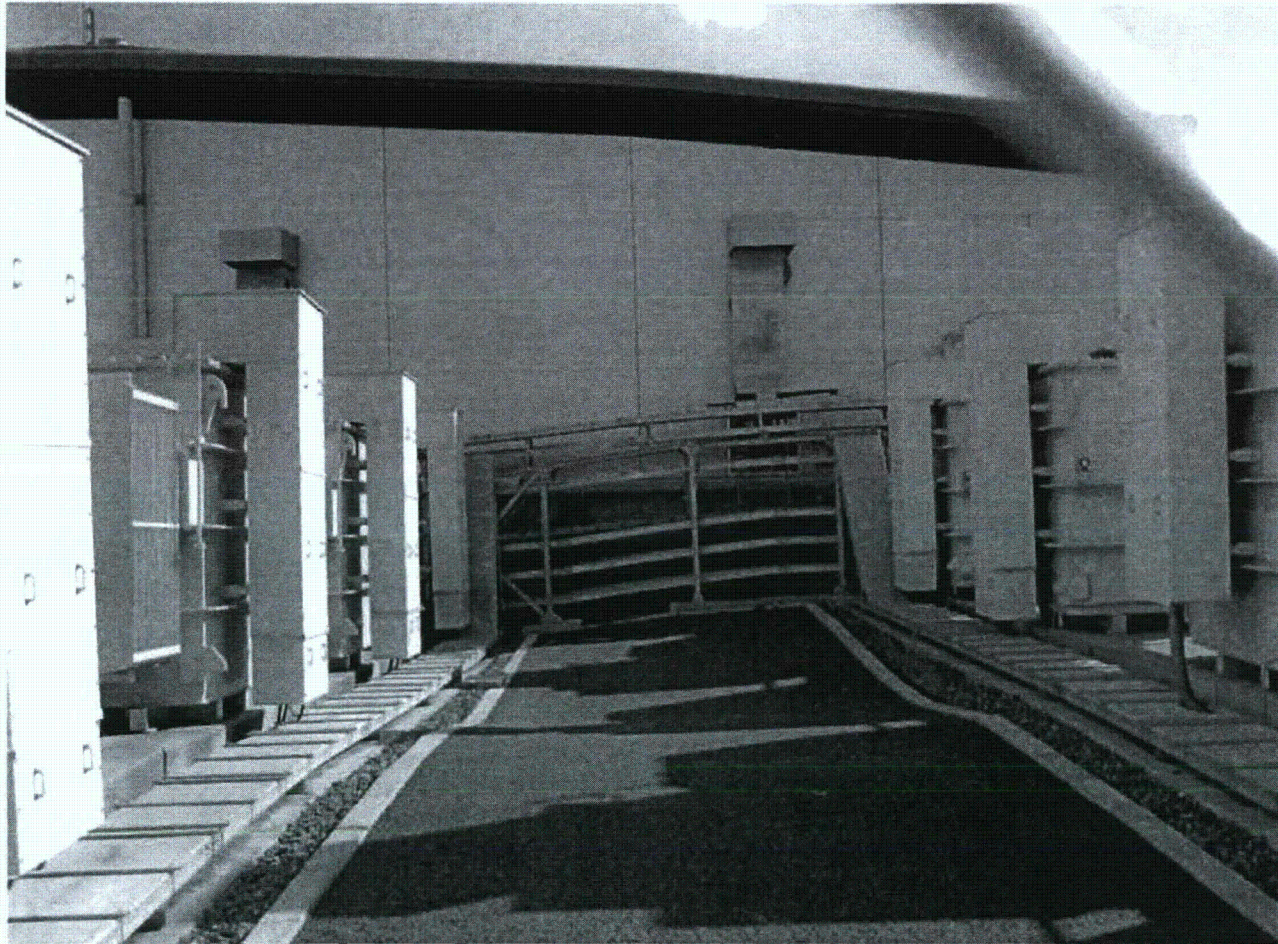
Wavy road. Bump in the middle means that beam pipe is underneath it. Both sides of the bump were sinking.

3 GeV Electric Power Supply



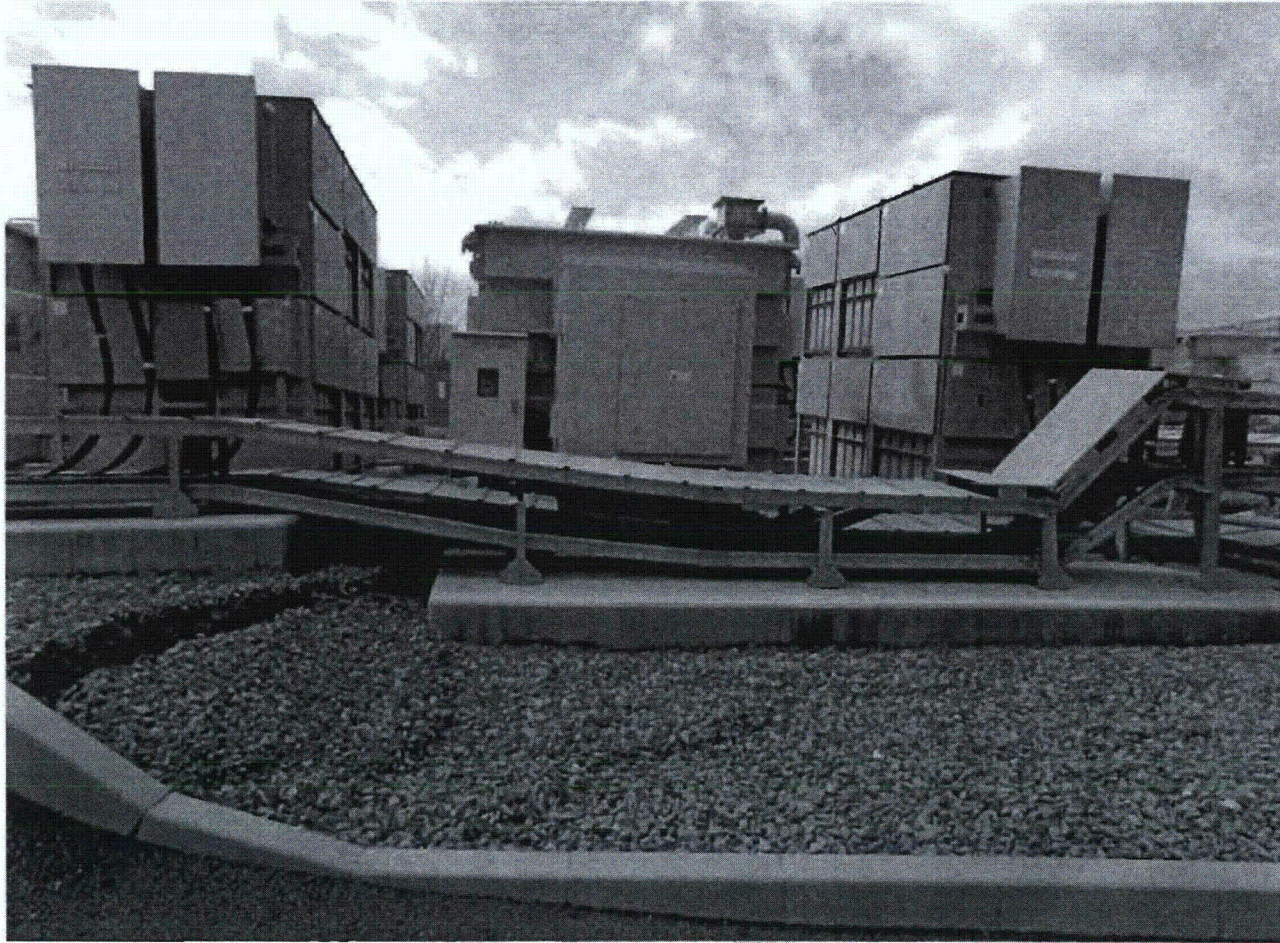
Leaning toward the left side. Around the place marked on red
about 100 cables are there, which are all distorted.

Pipes for Air Conditioning for 3 GeV



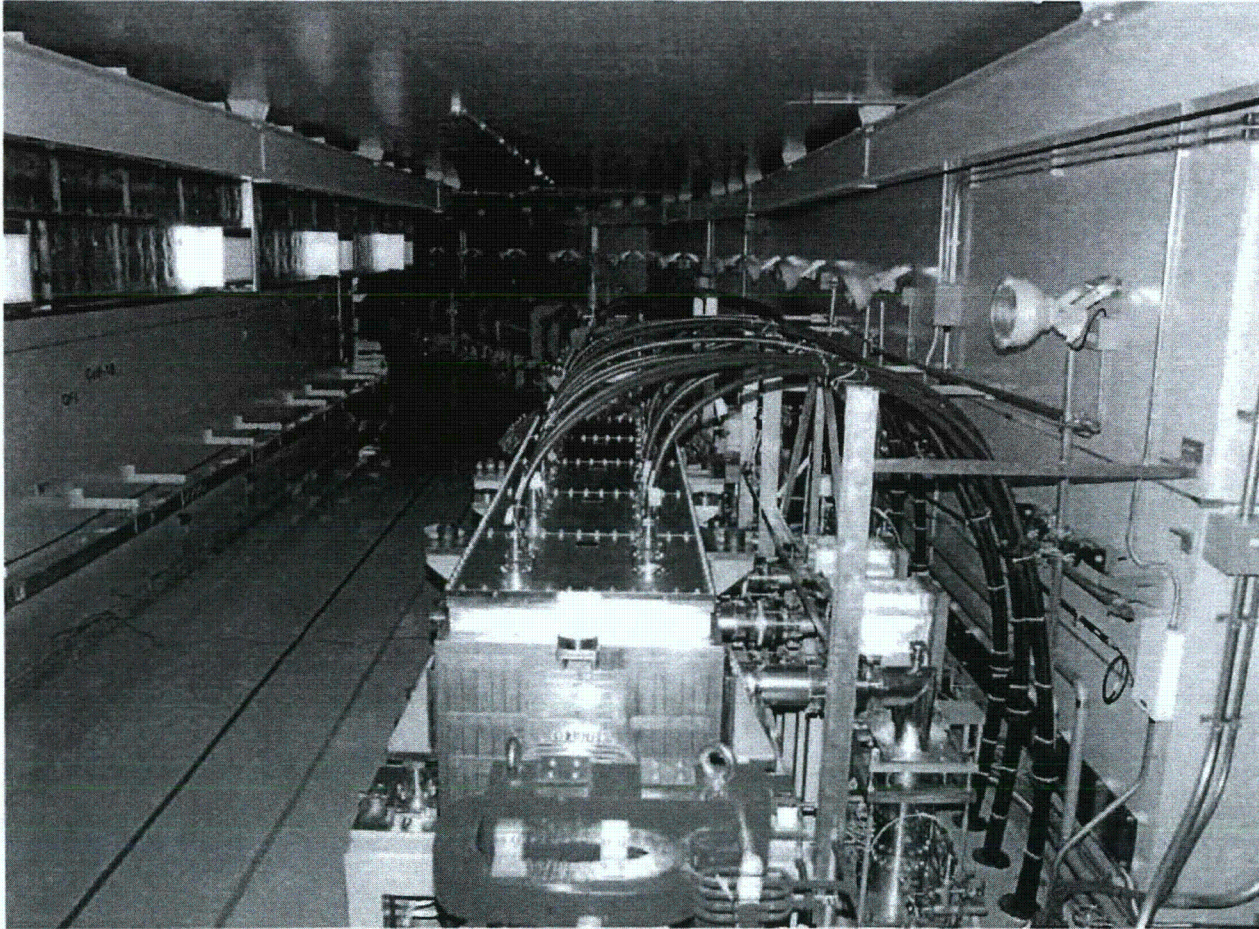
Cable racks and pipes for air conditioning were all bent.

Condenser Bank for 3 GeV



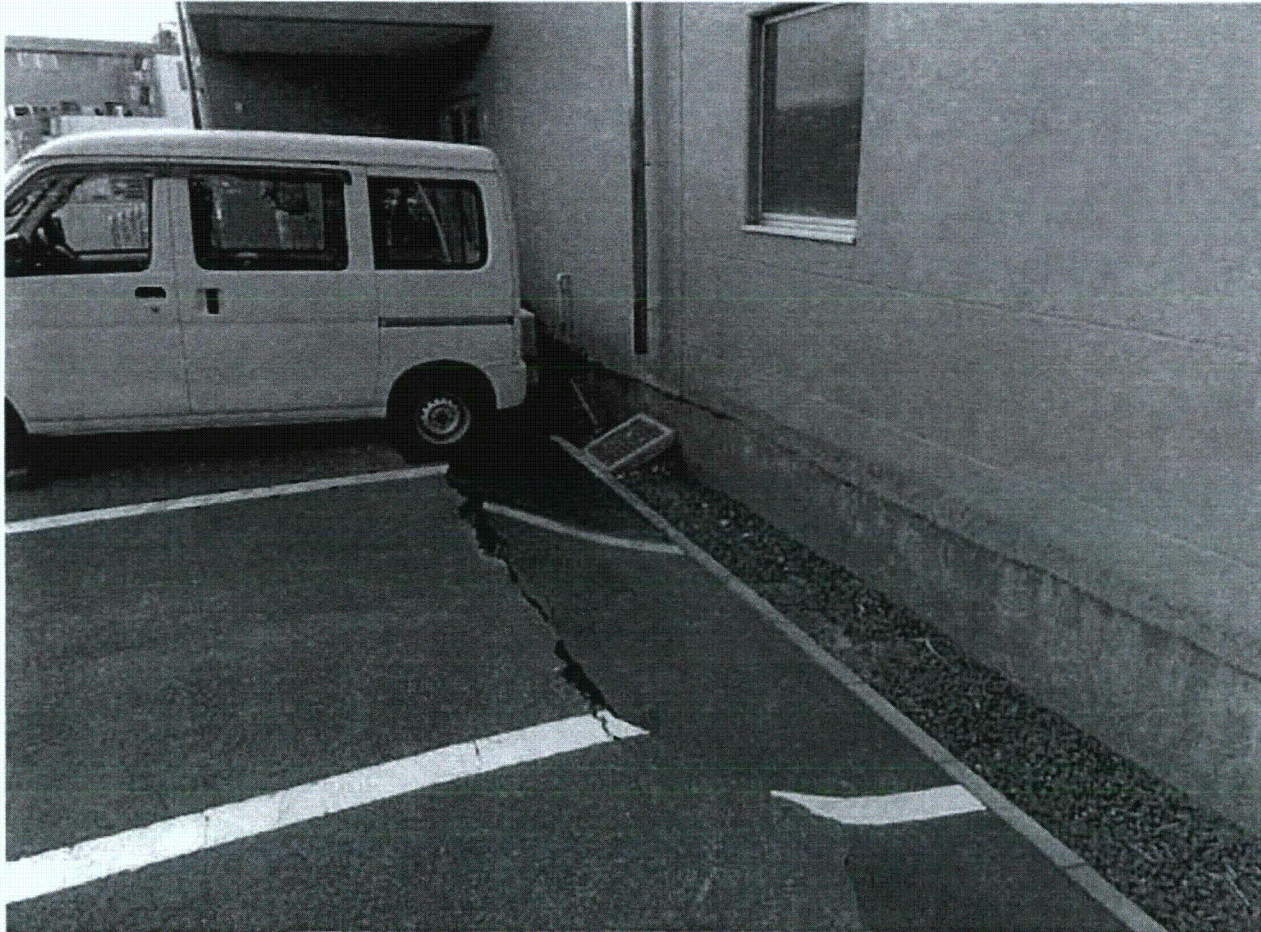
Condenser bank was waded. Cables were distorted with heavy weight on them.

3 GeV Main Ring



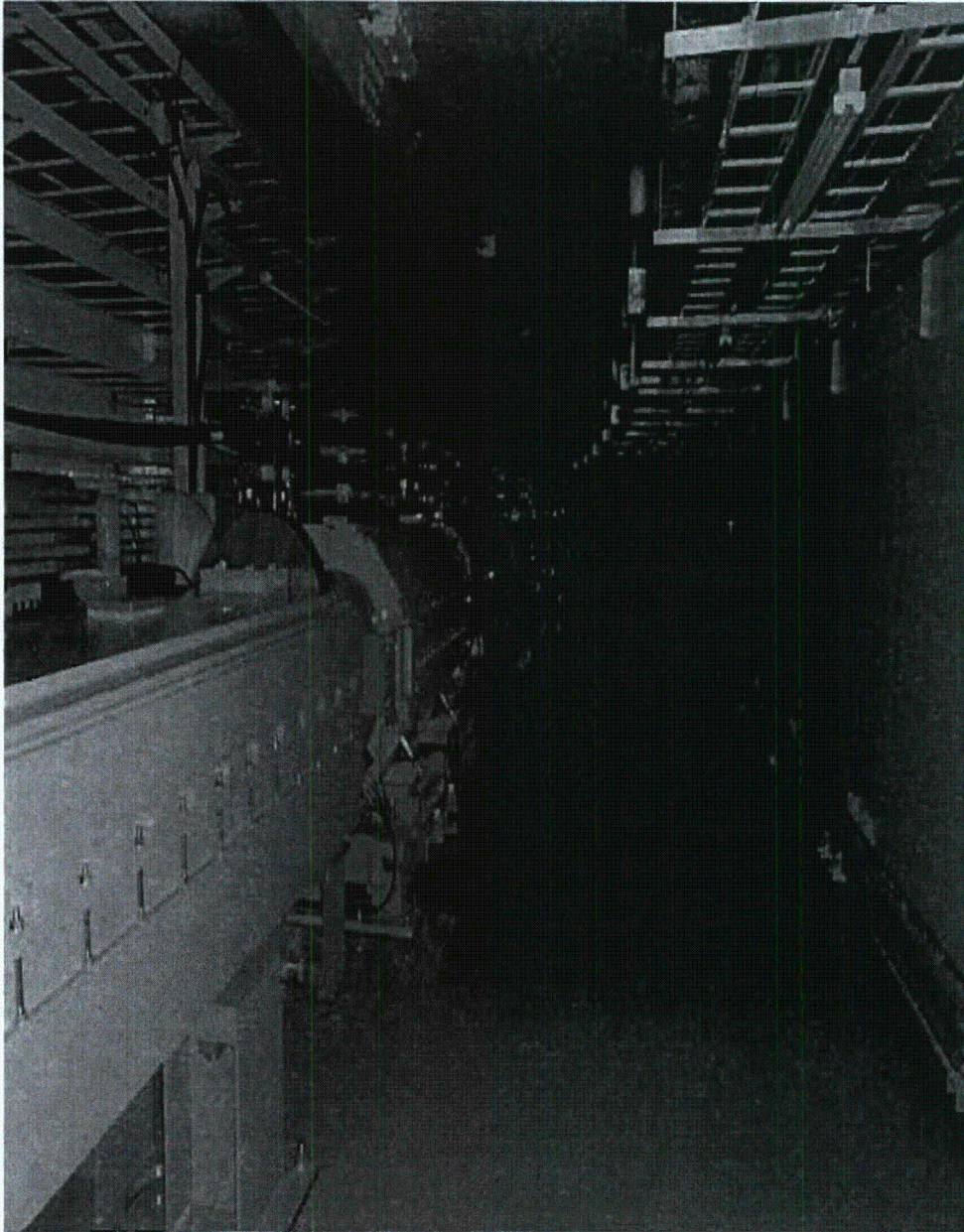
No obvious damages were observed.
(Photo taken on March 29).

50 GeV The Second Entrance Area



Over the region of 1 m by 10 m
about 50 cm dropped.

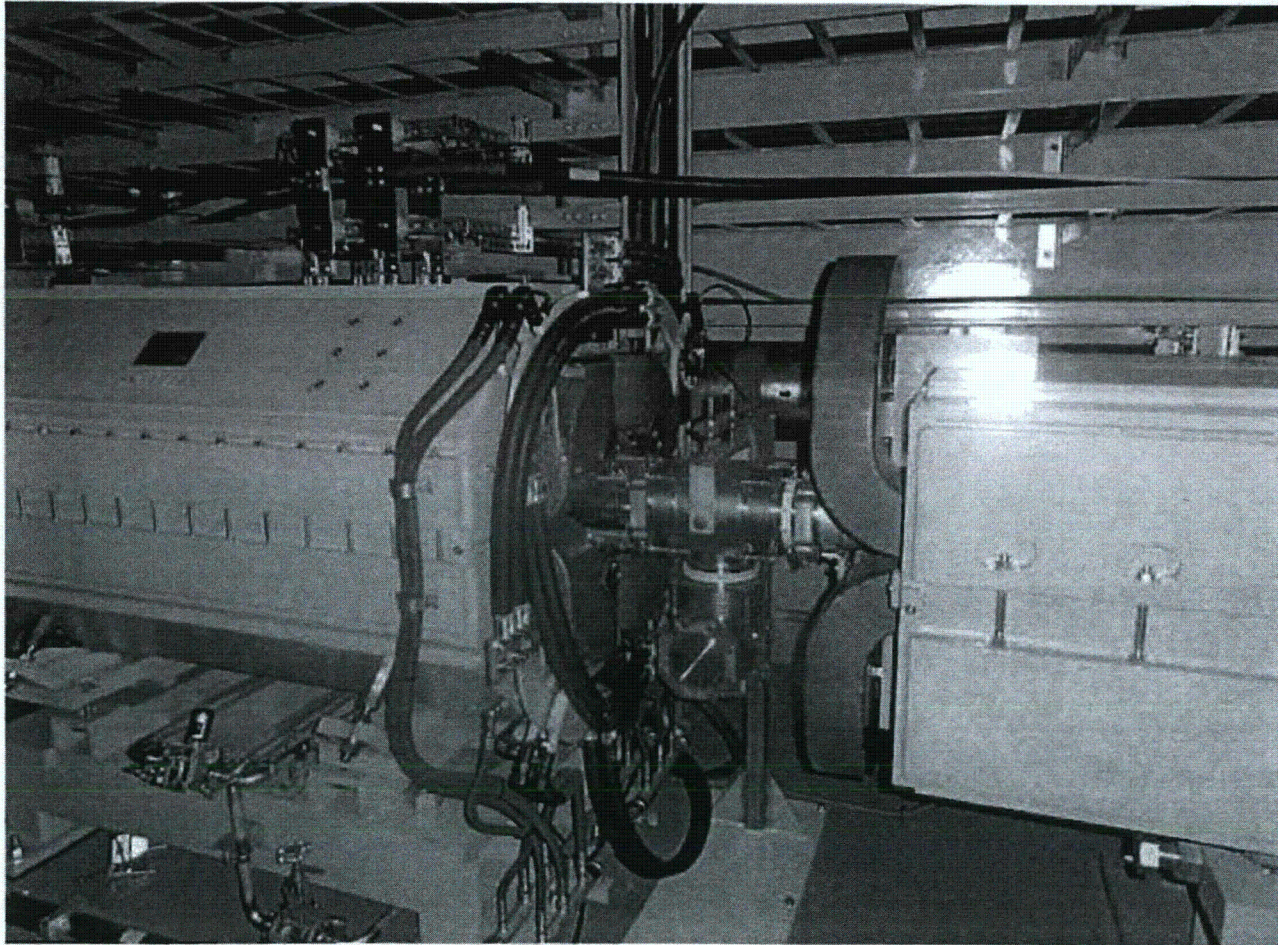
50 GeV Main Ring (1)



Although some distortion is observed for cable rack, the accelerator itself seems OK as viewed only from this area.

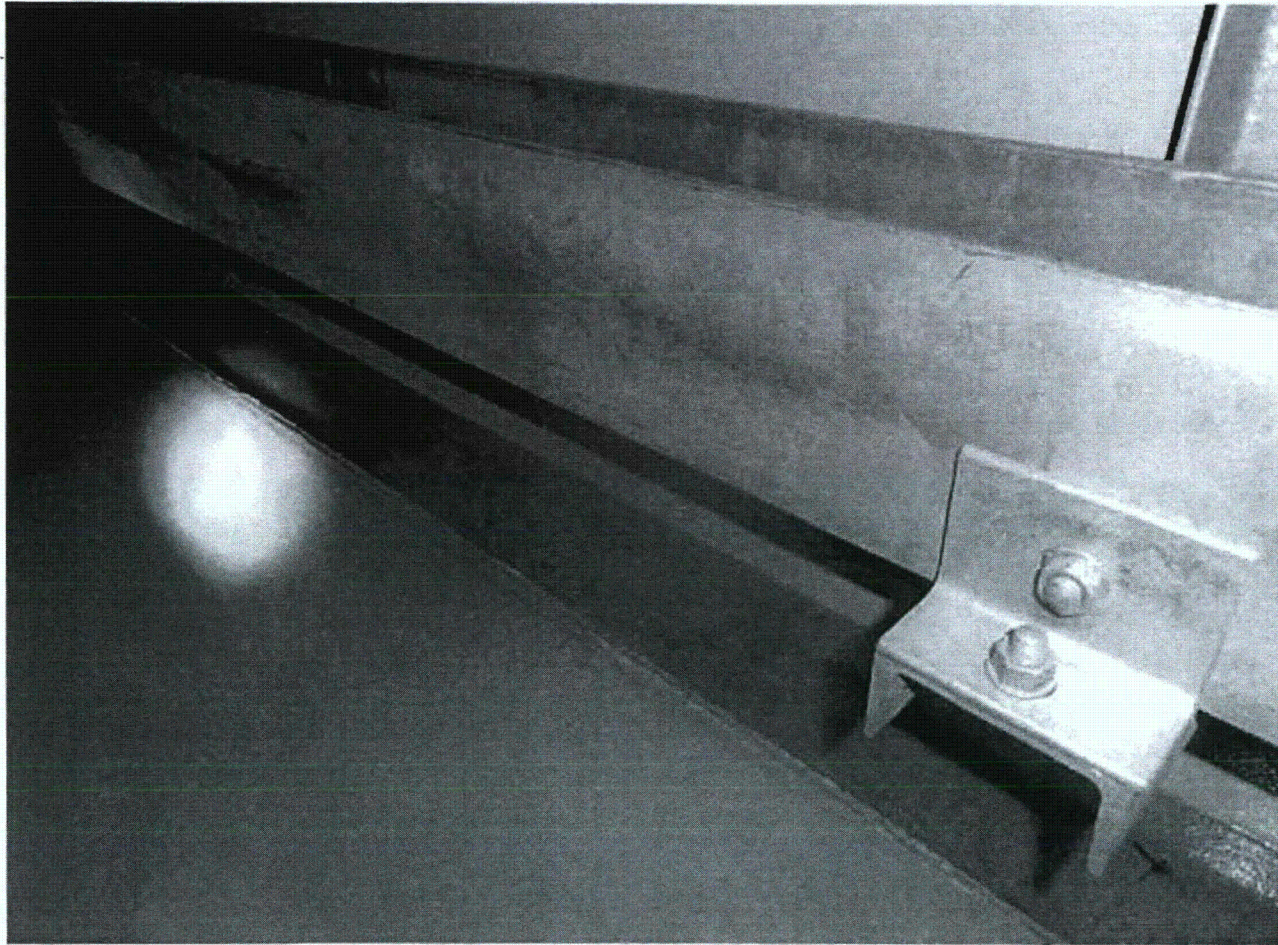
18

50 GeV Main Ring (2)



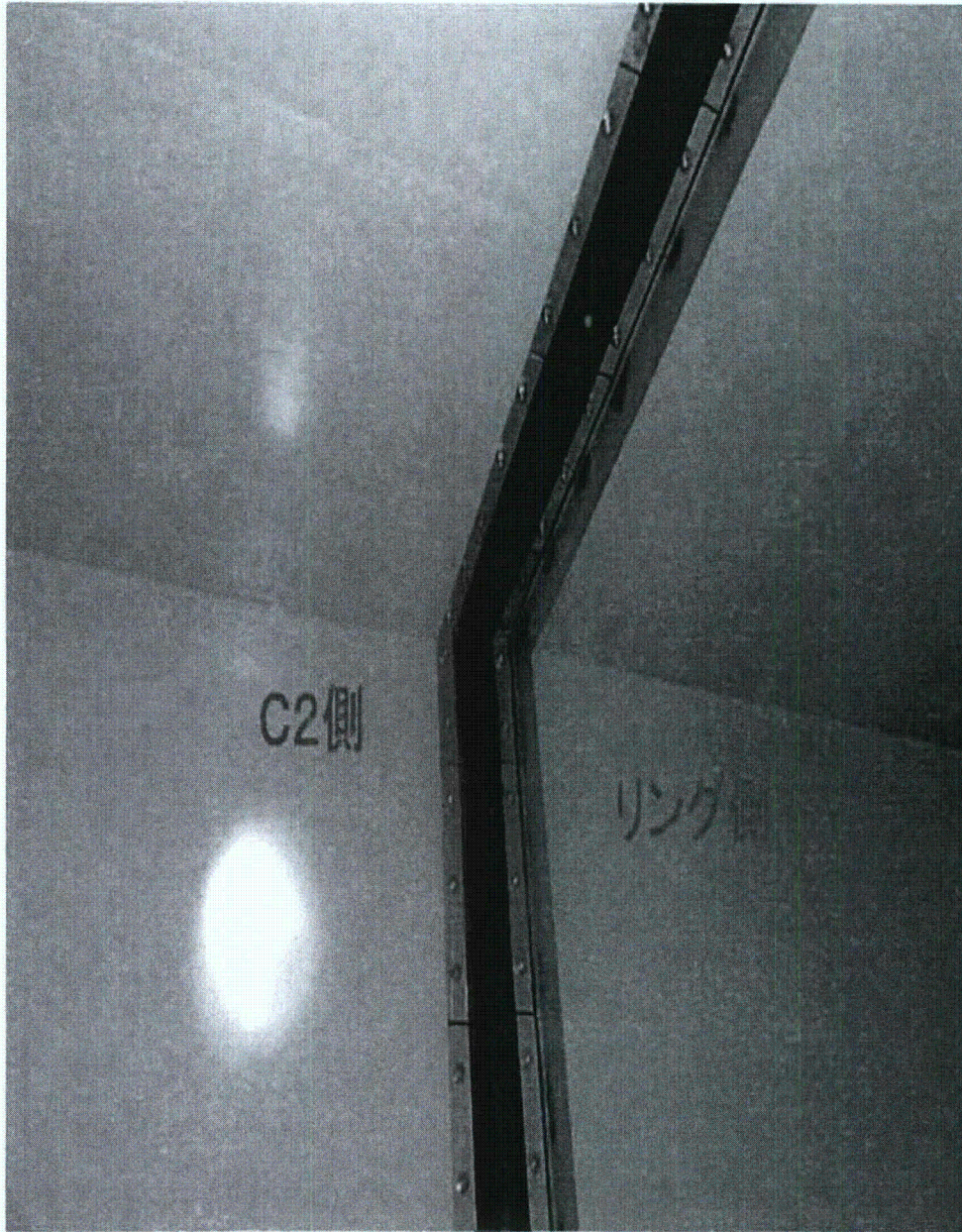
No damages are observed from outside alone.

50 GeV Side Notch



A few cm deep water was accumulated. Need to pump the water as soon as possible. Humidity was very high.

50 GeV Tunnel



C2 sub tunnel vs. Main ring sub tunnel. About 1 cm high difference observed. However, this could well be before the earthquake.

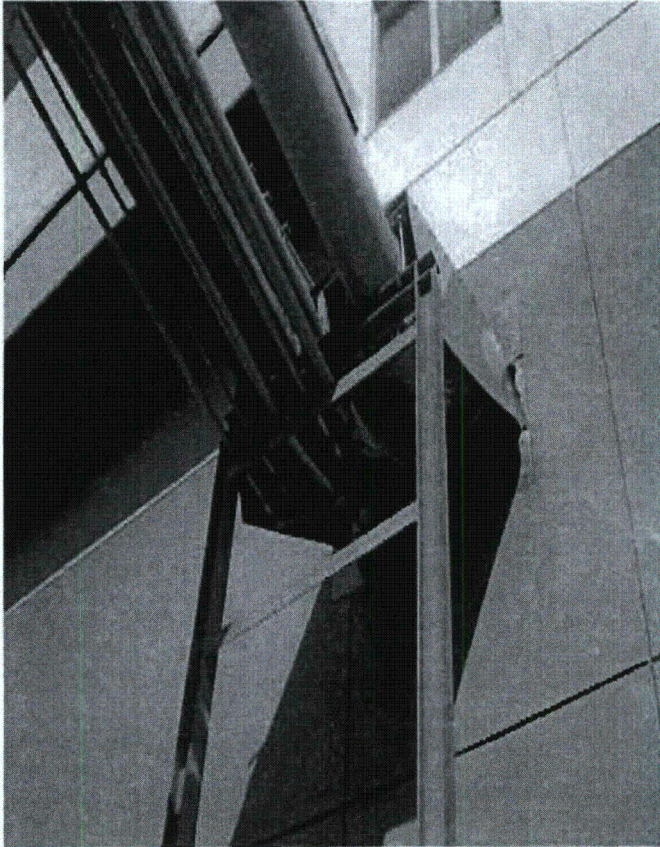
21

Main Control Room



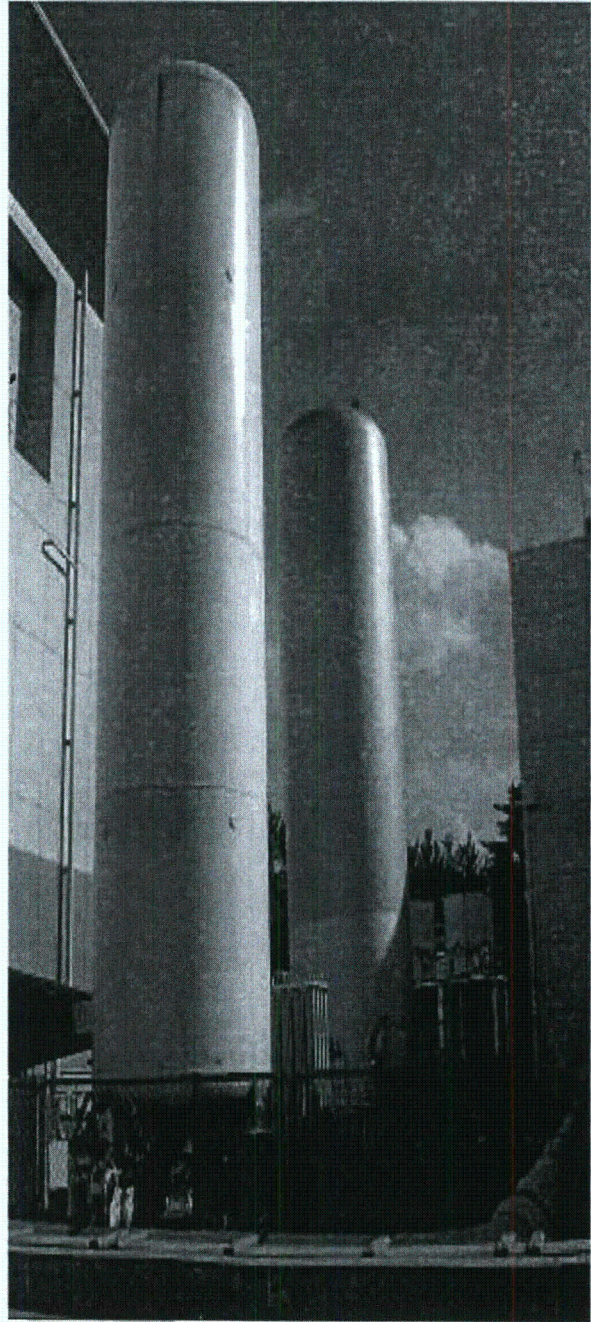
Main Control Room was in a reasonable shape.

Materials and Science Area (MLF) (1)



Sinking caused a sharp bend in the piping system through the building (upper).

Helium tank is leaning toward left (right). Front is nitrogen tank.



Materials and Science Area (MLF) (2)



West side road from MLF. About 1.5 m sinking was observed.

Materials and Science Area (MLF) (3)

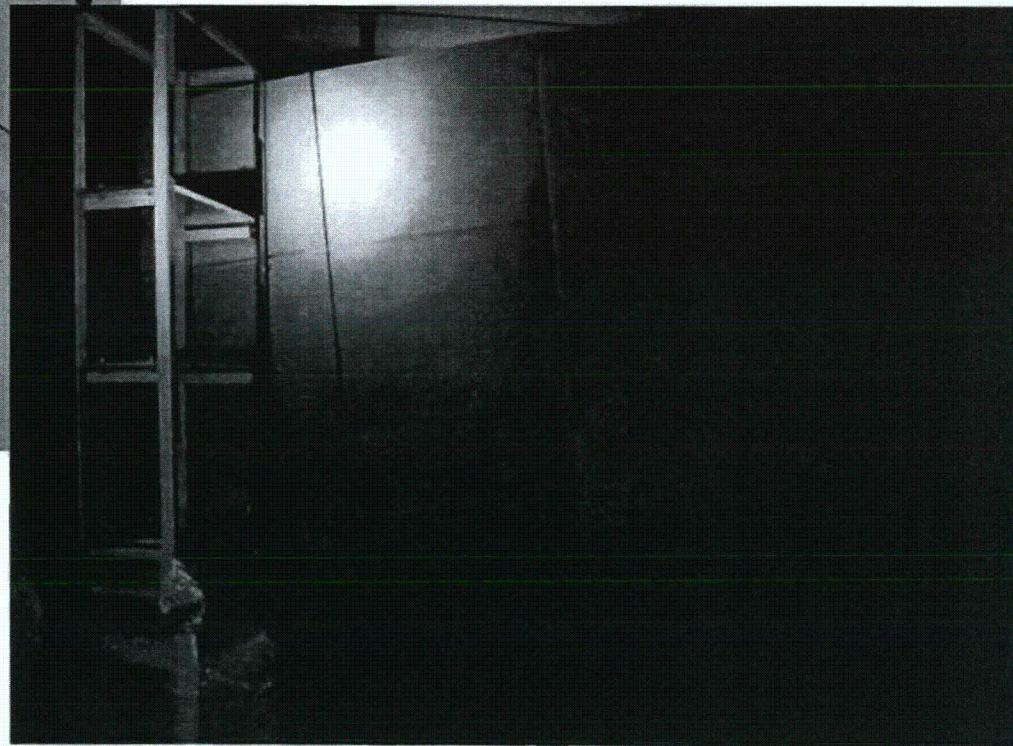
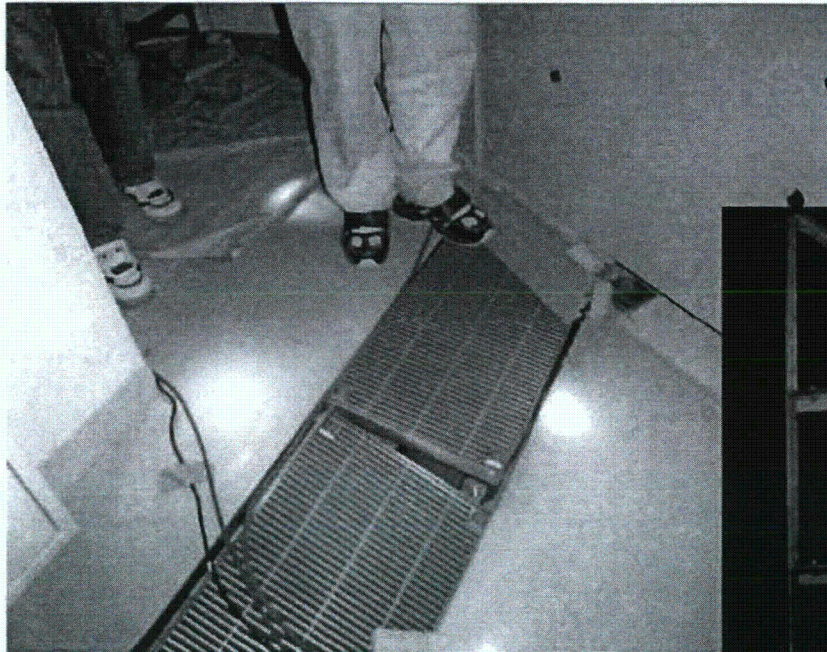


Many pipes were disconnected
(upper).

South side toward west. (right)

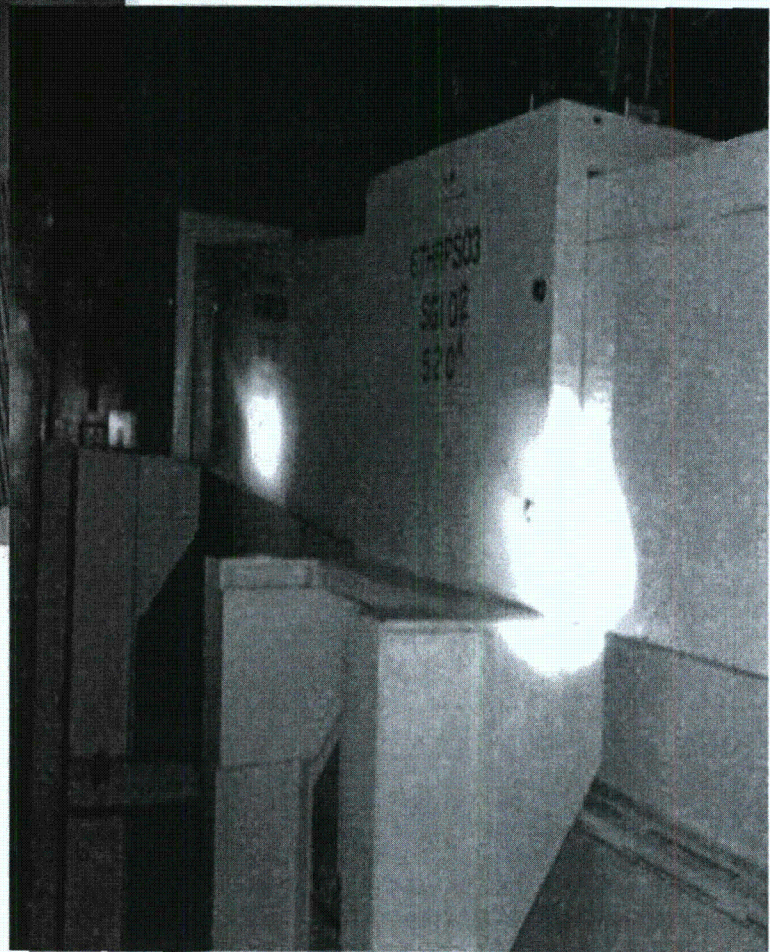


MLF West-side Added Building



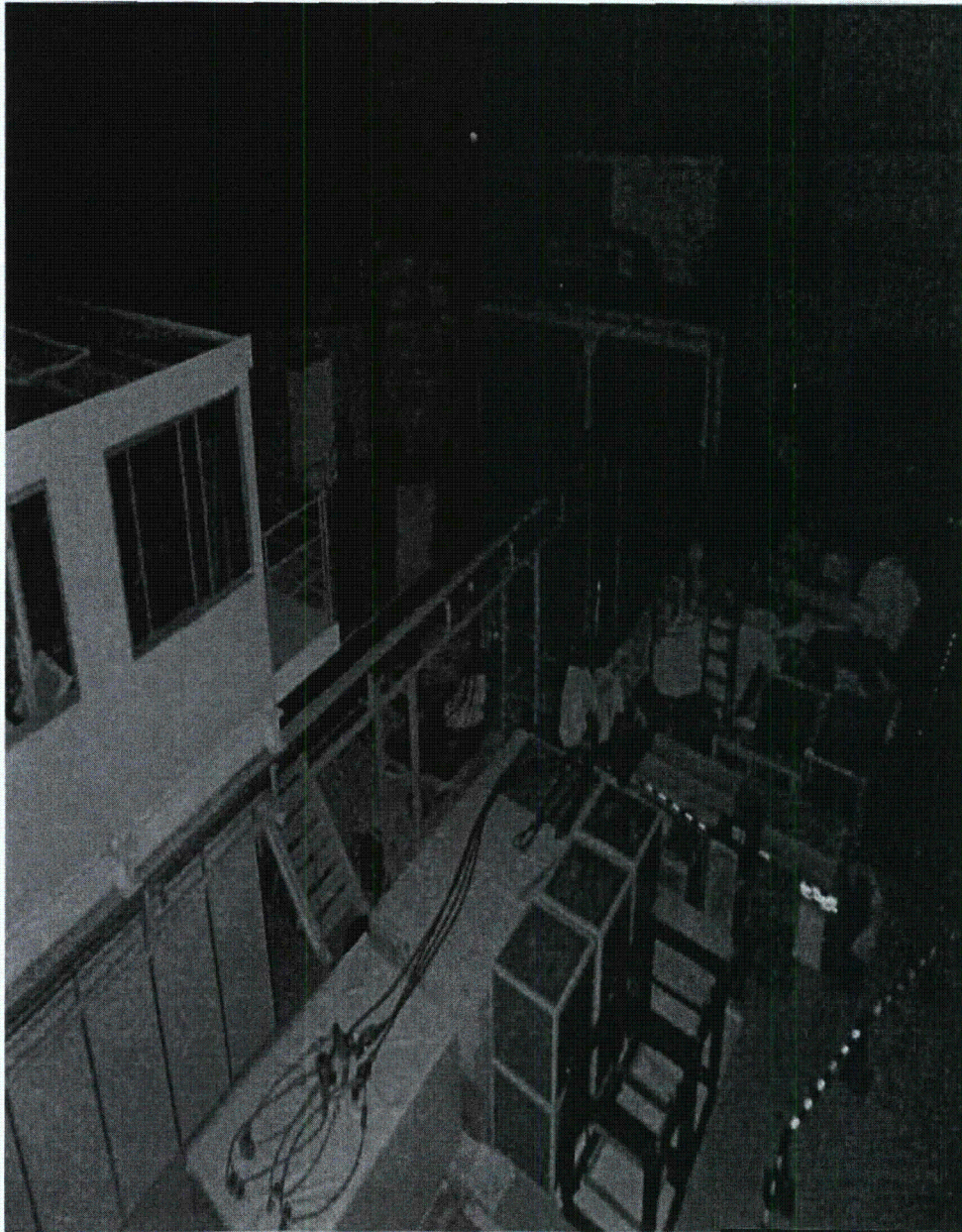
30 cm dropped for the west-side added building (left). BL18, BL19 and BL20 were damaged. Vertical parallel lines are now leaning toward the left (right).

MLF East-side Added Building



30 cm dropped for the east-side added building (left). BL08 and BL09 were damaged. For BL08 all mirrors for the optical guide were broken (right).

MLF First Hall and Second Hall



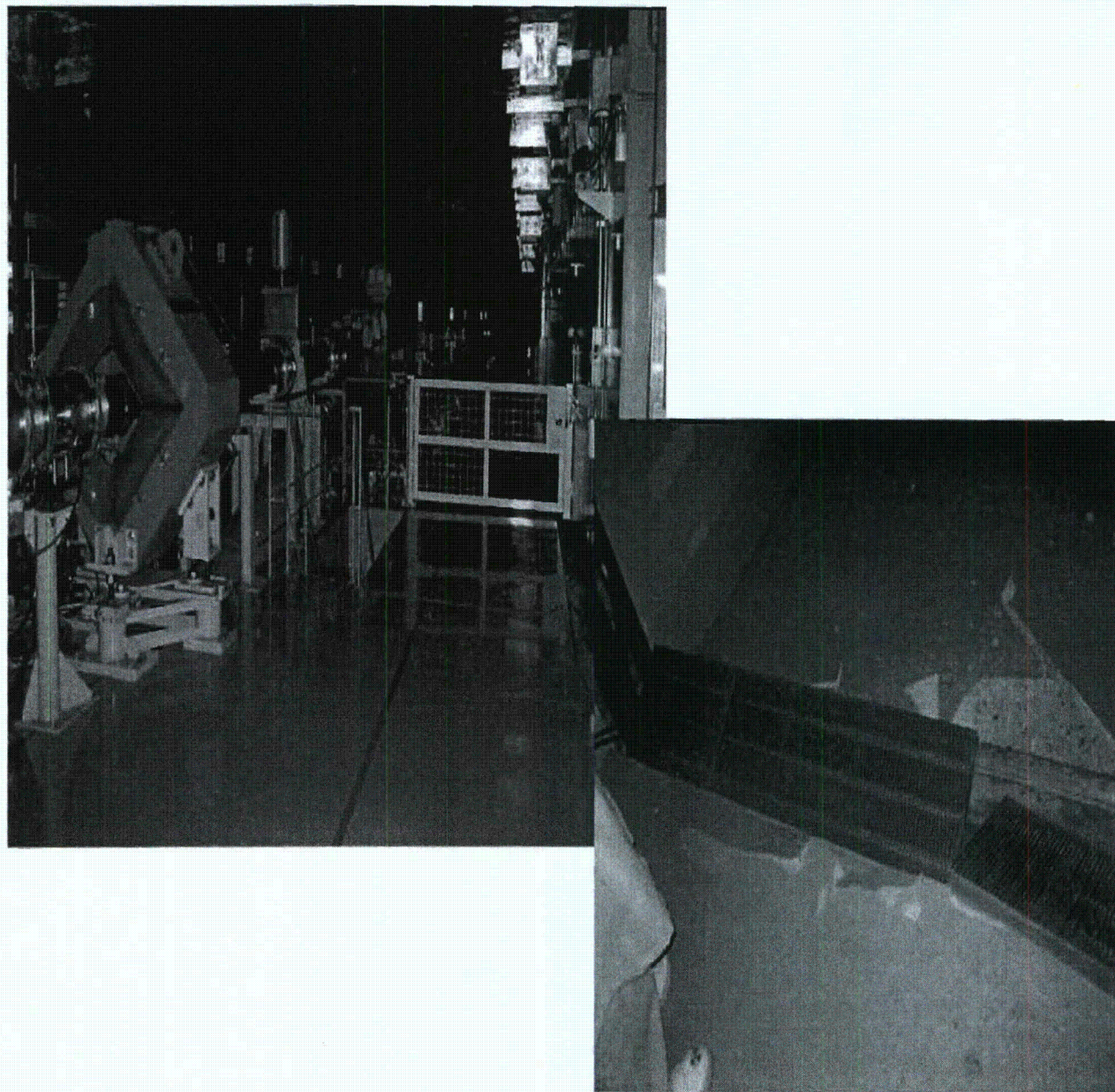
Interior part of the Hall 1 and Hall 2 are very healthy, thanks to many underpins for the building.

MLF Control Room



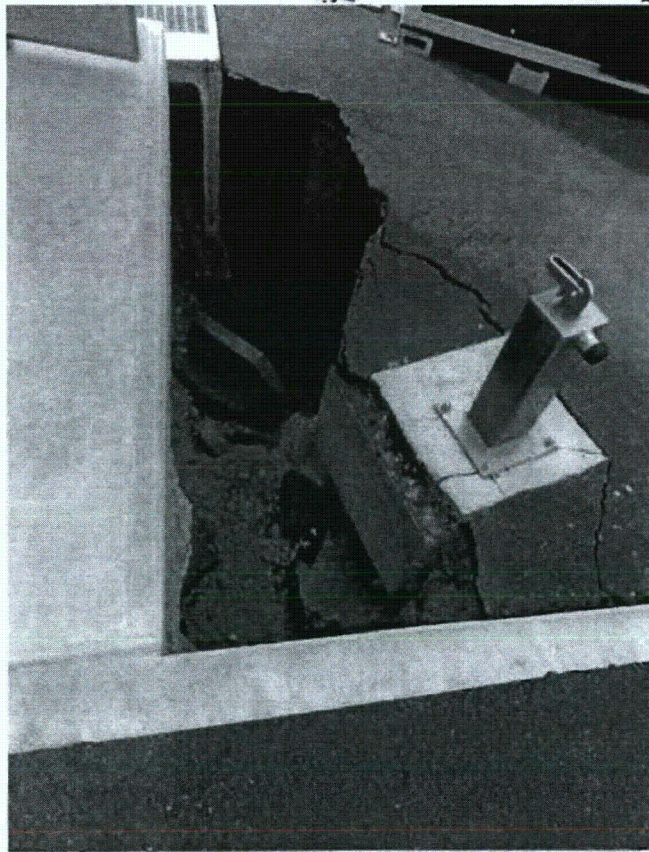
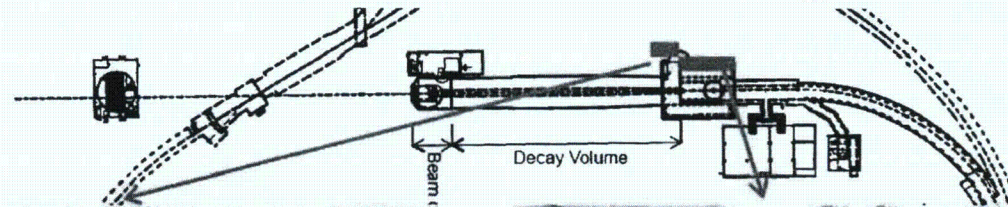
Inside the MLF control room, only books were dropped without any significant vibration.

3NBT (Beam Transport from 3GeV)

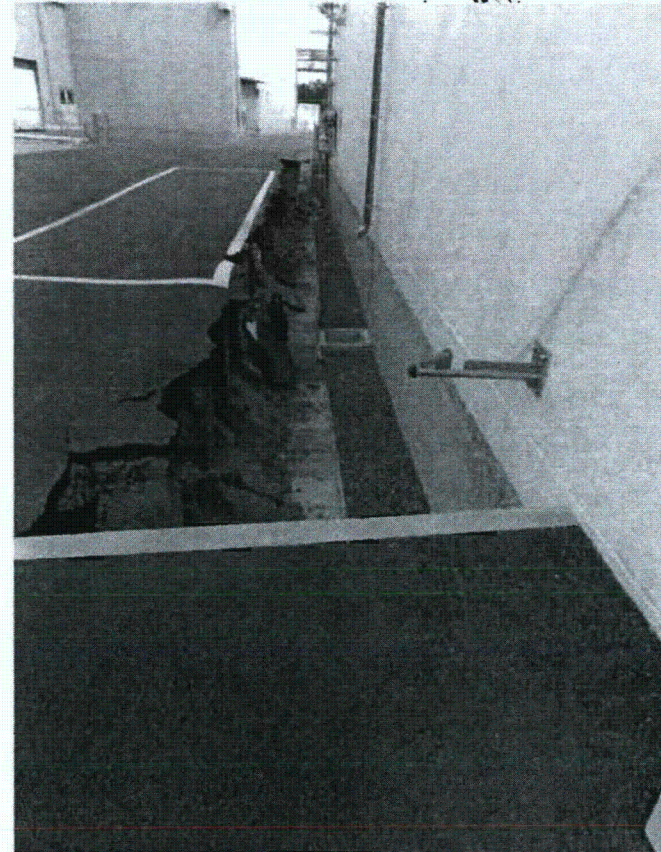


3NBT itself seems OK. However, on the joint portion,
there was a crack due to displacement.

Neutrino: Outside the Target Area

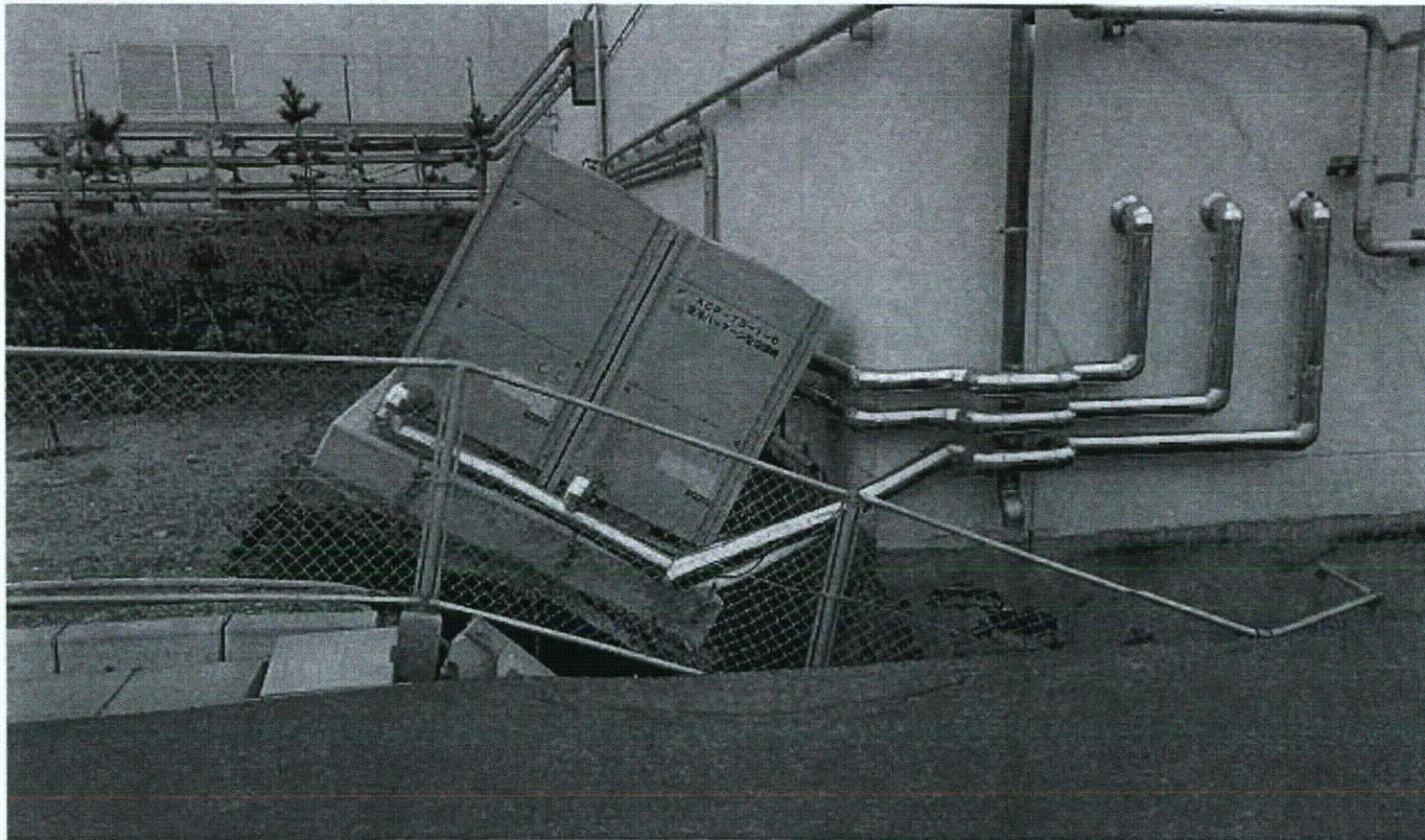
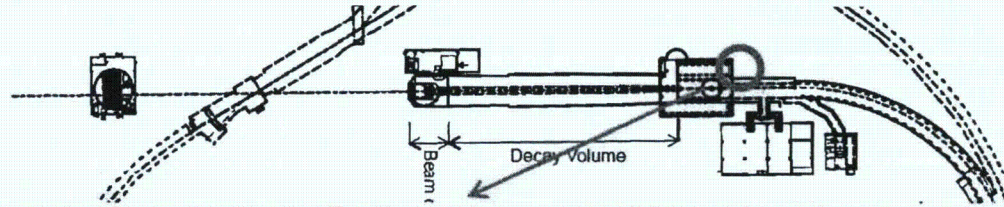


North area #1

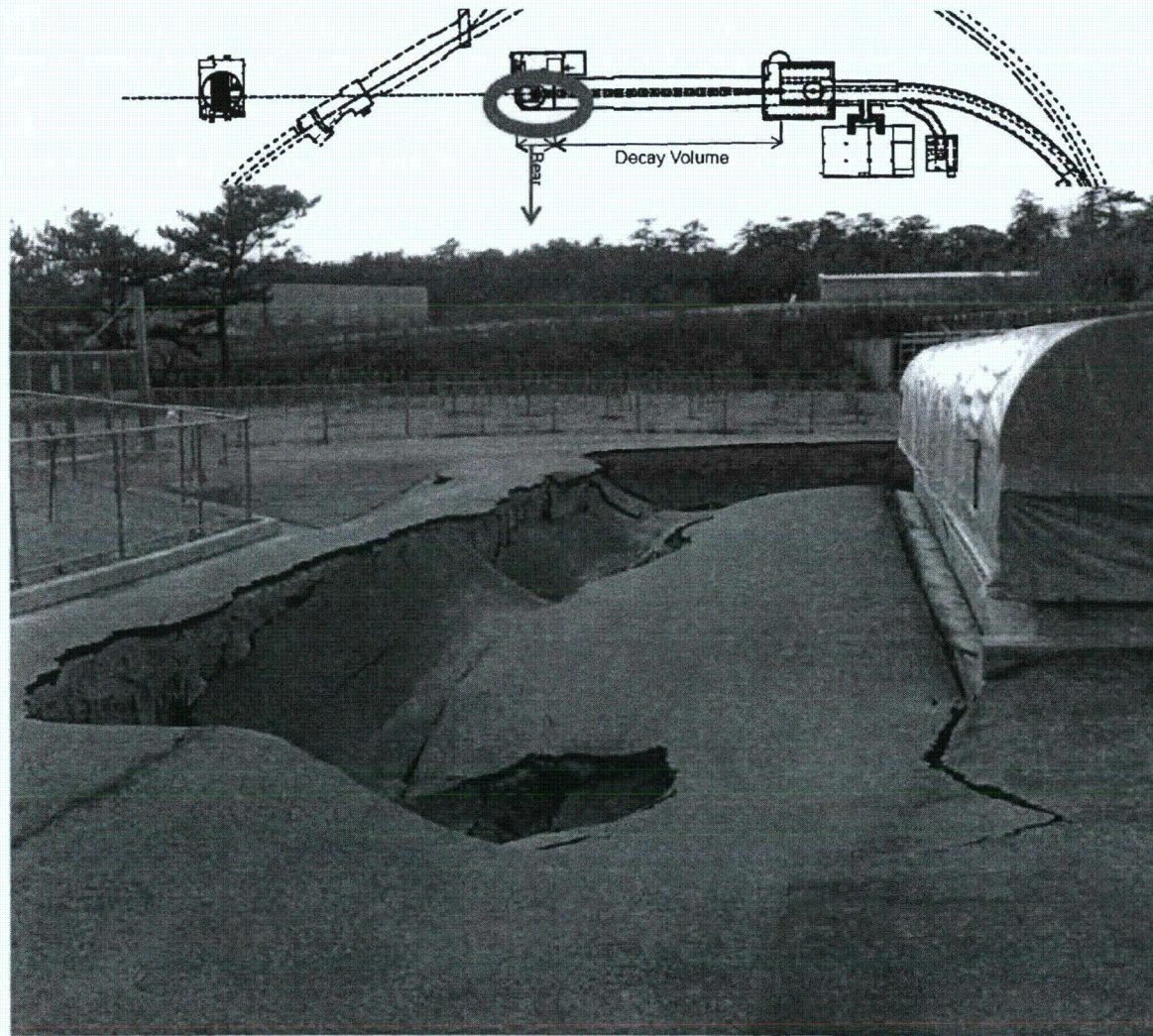


North area #2

Neutrino: Air Conditioning

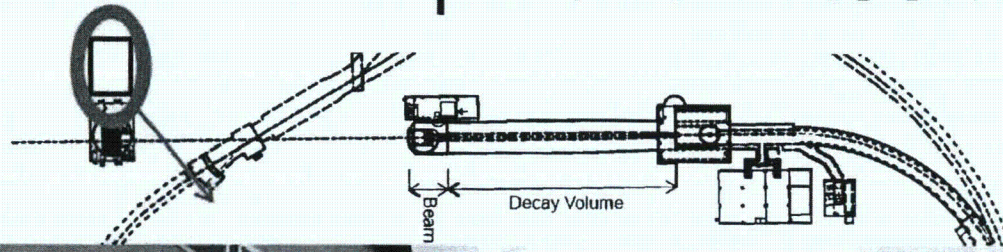


Neutrino: Beam Dump Area



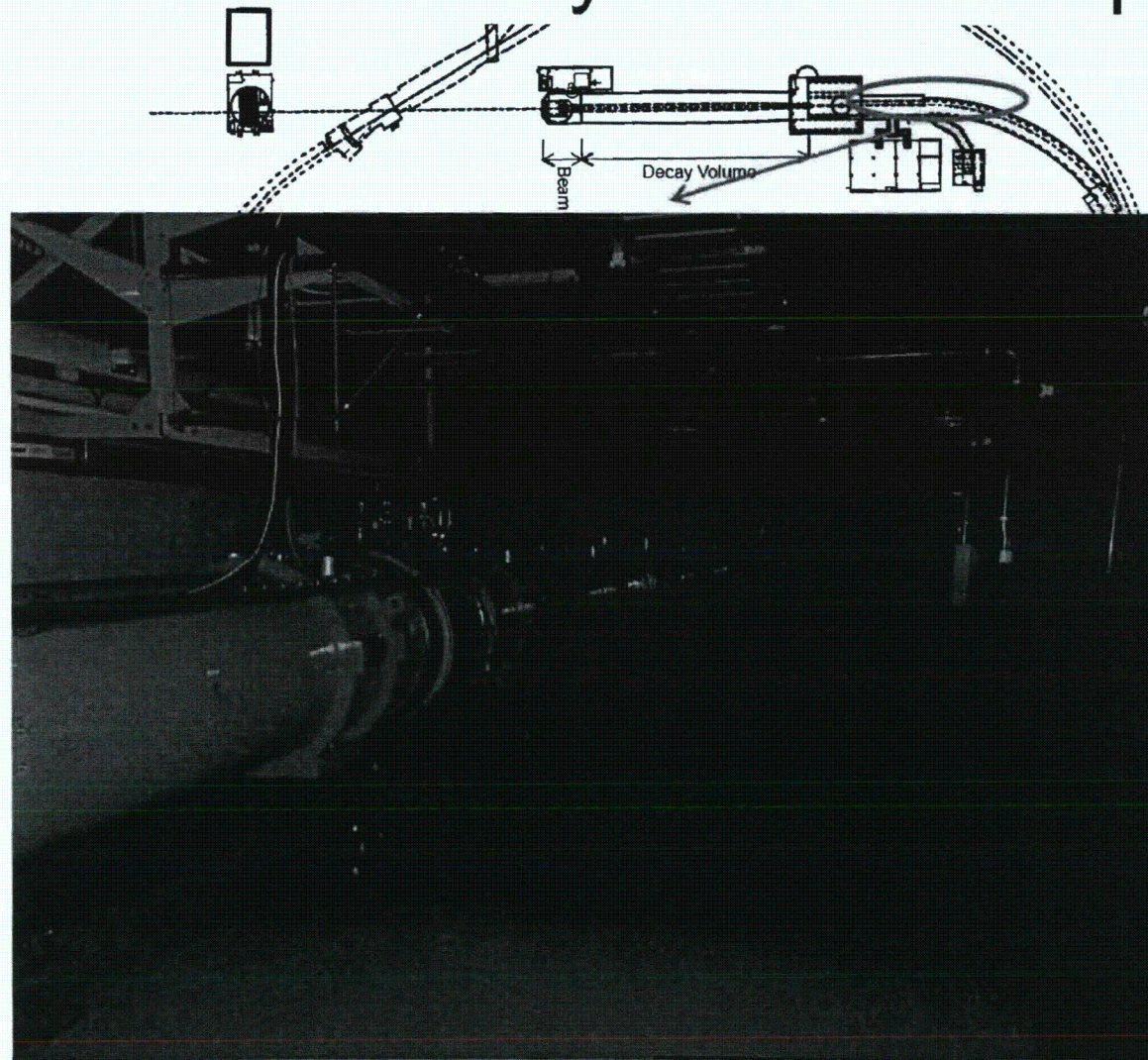
South side (viewed from upstream to downstream)

Neutrino: Preparation Room



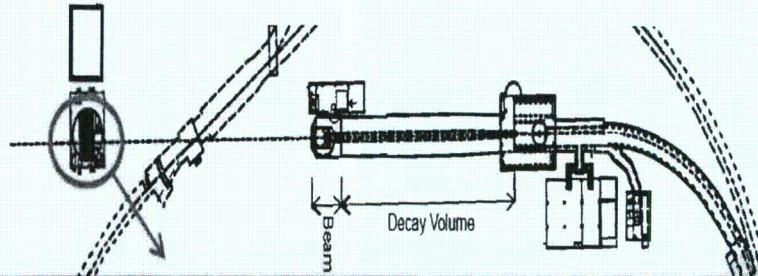
East side

Neutrino: Primary Beam Transport



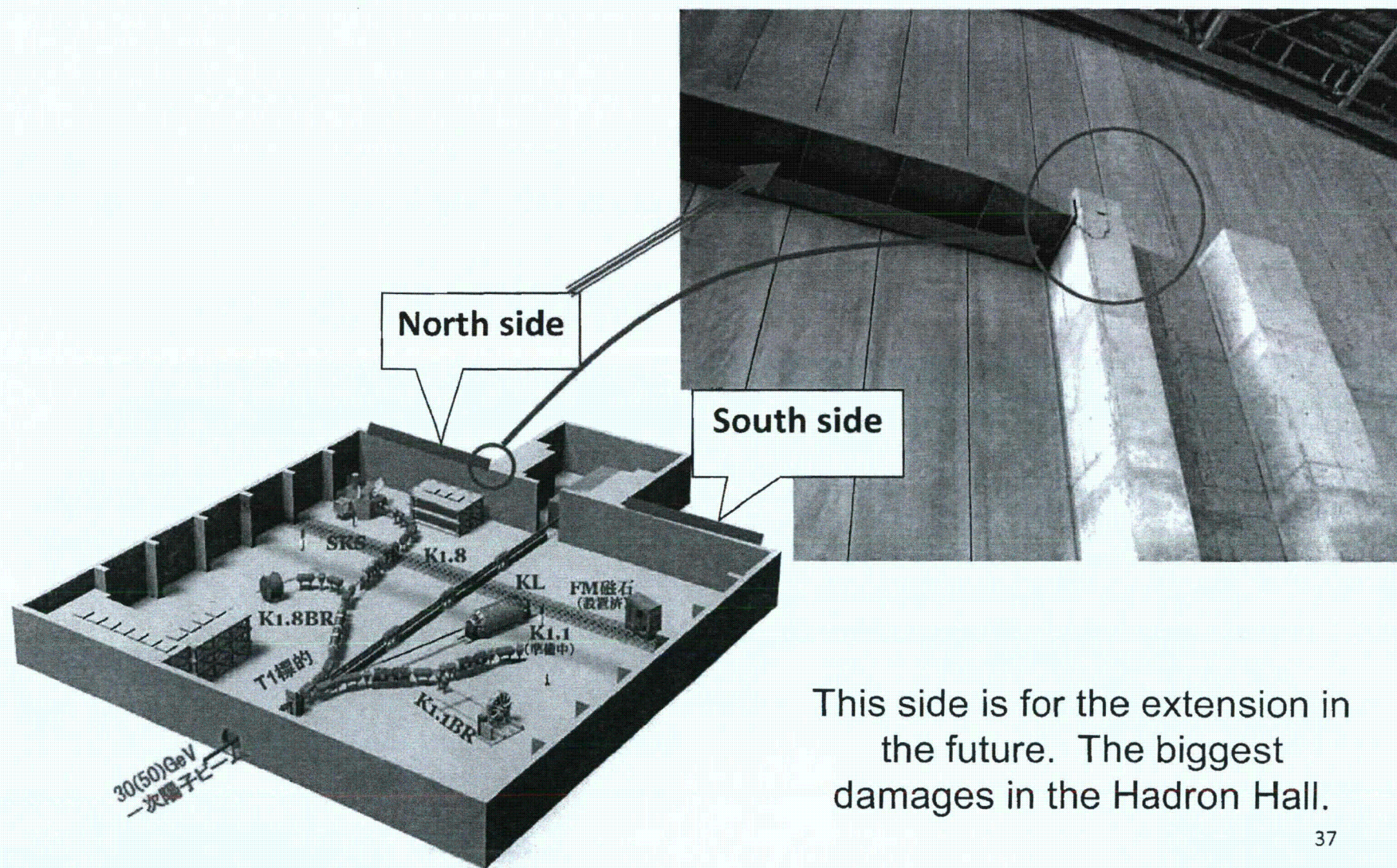
No significant damages from outside.

Neutrino: On Site Detector



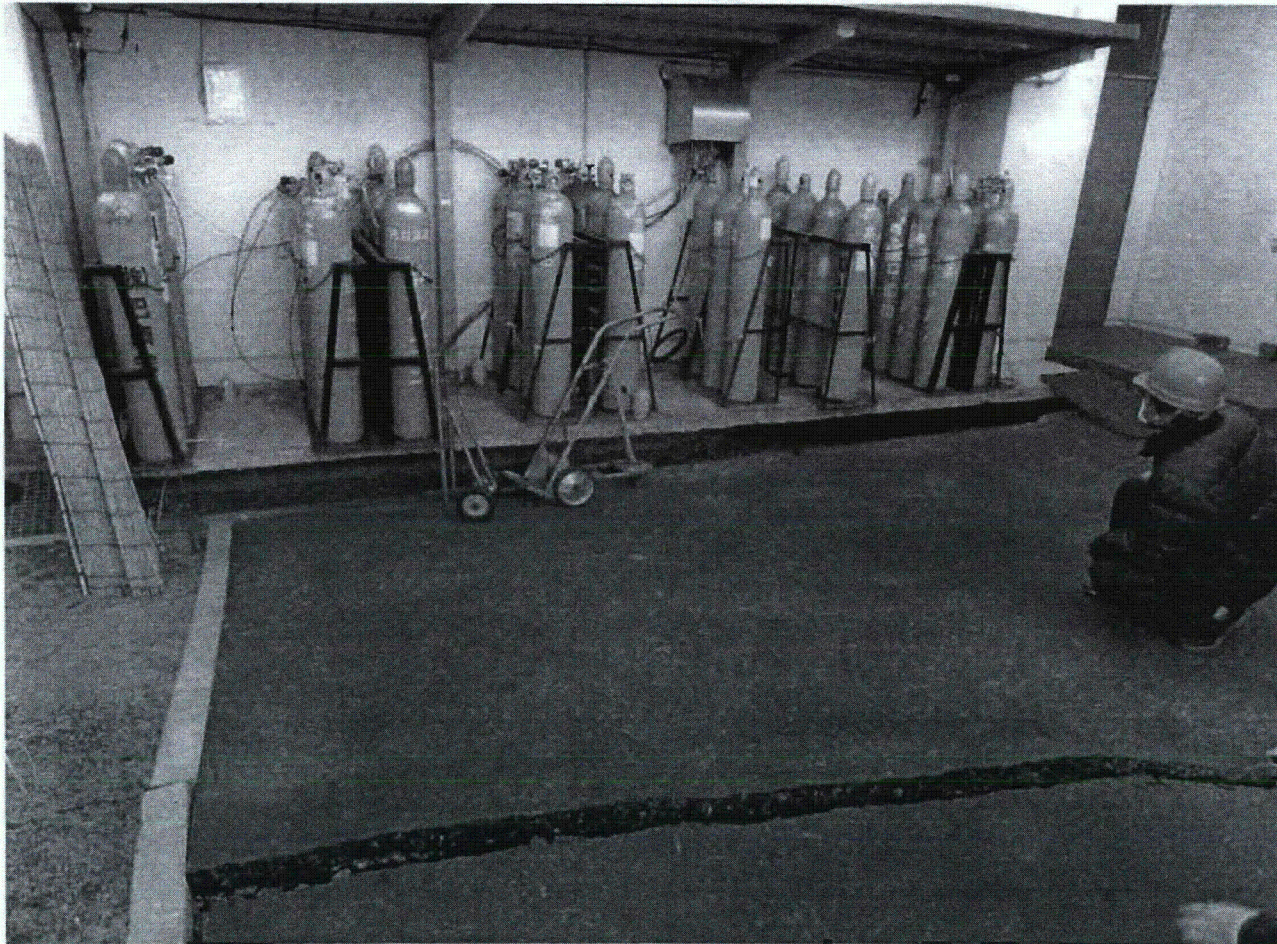
No significant damages from outside. About 1 cm deep water at the bottom.

Outer Wall for Hadron



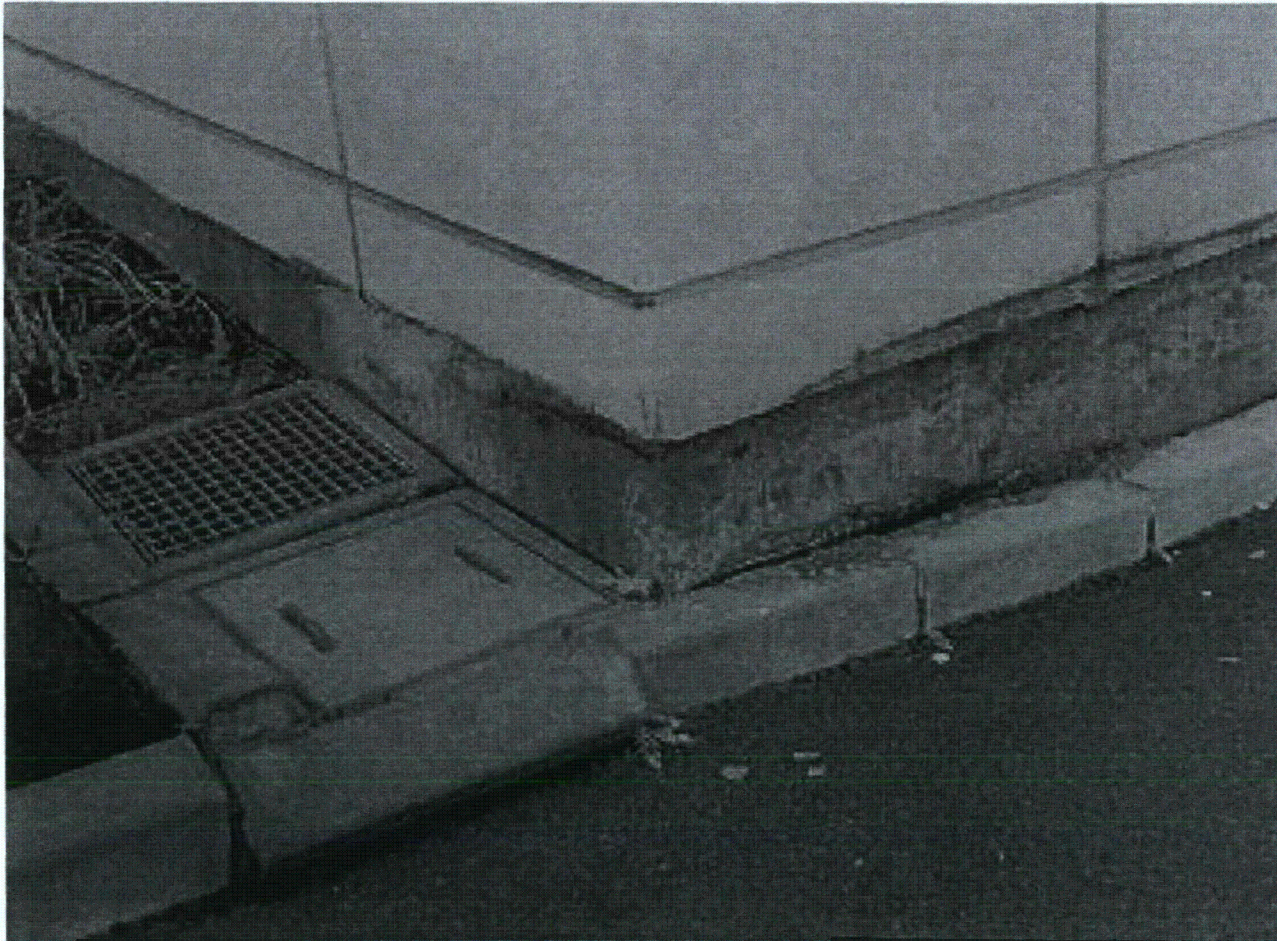
This side is for the extension in the future. The biggest damages in the Hadron Hall.

Hadron Outside Area (1)



About 30 cm drop all over the places. Gas storage stand is floating up on the air.

Hadron Outside Area (2)



Again about 30 cm drop.

Hadron Outside Area (3)



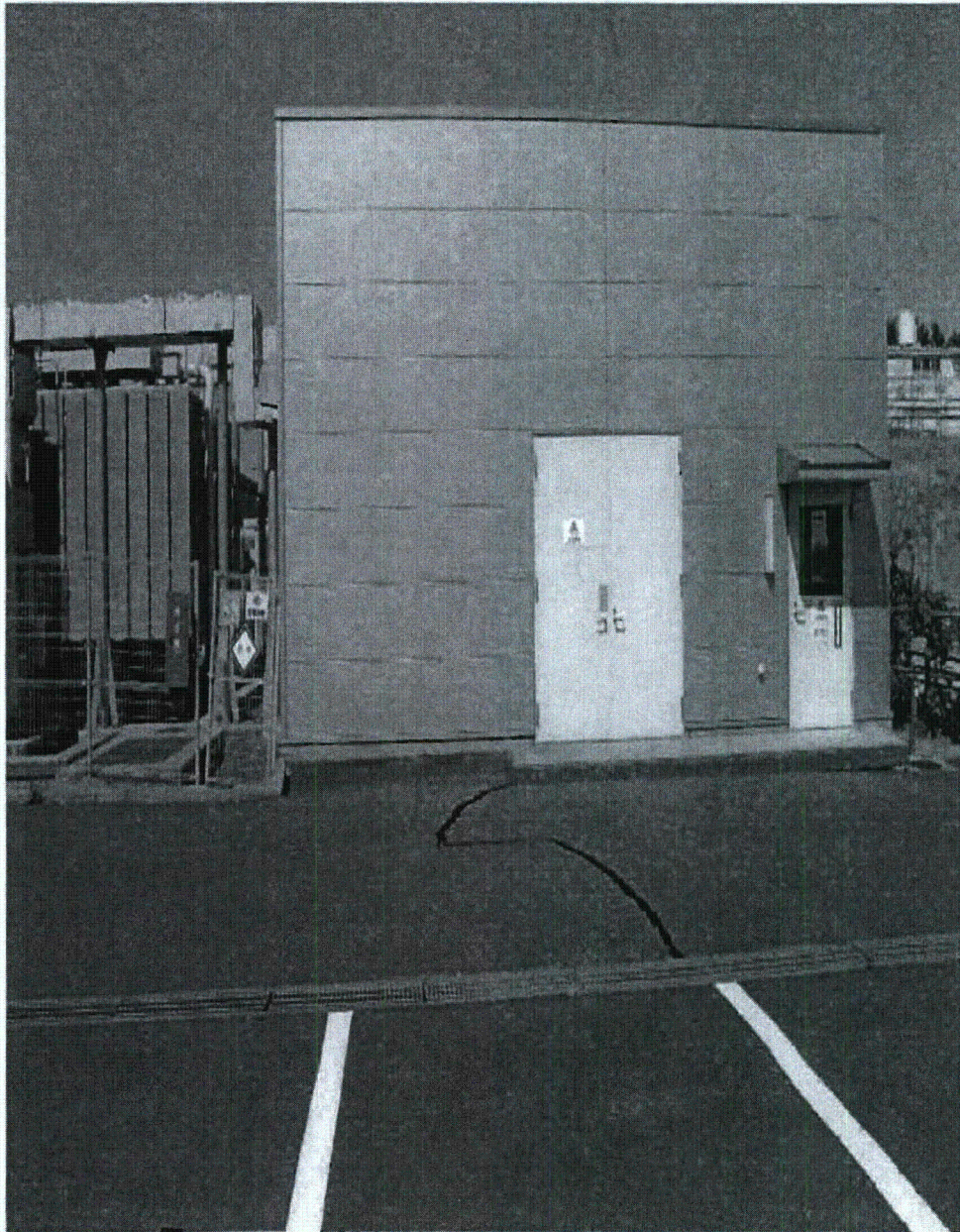
Crack along the surface and
a fall-down against the fence.

Hadron Experimental Hall



Due to many underpins, hadron hall looks OK.
No significant damages were observed.

Major Power Transformer for Linac, etc.



About 10 degree leaned. At the beginning we were told that it would not work at least half a year. Later it turned out that it would work immediately.

Tsunami on the near-by River



The river at a normal time (left) and the river when Tsunami came (right).

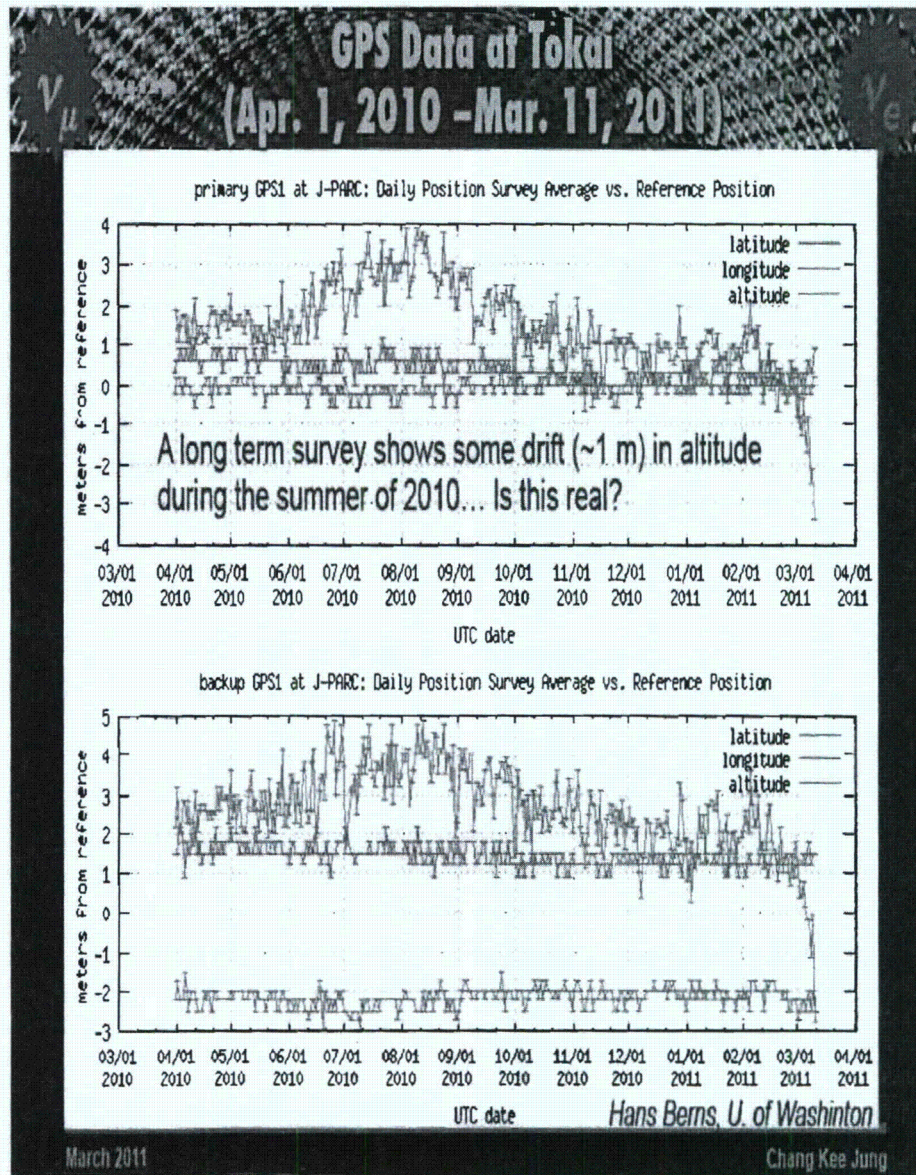
At J-PARC the level of Tsunami was about 3 meters,
while the level for the nearby areas was about 5 meters.

(This is consistent with the previous study for the 17th century Tsunami.

In this case, the estimate was also by 2 meters lower at our site

as compared with other adjacent areas.)

GPS Measurement by the Neutrino Group



Red and green indicate horizontal x and y. Blue is vertical movement.

In March the record indicates a sharp drop in the vertical direction.

Relation to the earthquake is not clear, though.

From: LIA04 Hoc
Sent: Friday, April 01, 2011 1:21 PM
To: Logaras, Harral
Cc: LIA05 Hoc; Easson, Stuart; Flannery, Cindy; LIA04 Hoc; Lukes, Kim; Maupin, Cardelia; Noonan, Amanda; OST05 Hoc; Rautzen, William; Rivera, Alison; Ryan, Michelle; Turtill, Richard; Virgilio, Rosetta
Subject: RE: Population maps surrounding the nuclear power plants.

Harral,

I believe the context you provided helps.

Just want to let you know that FEMA Headquarters is working on providing new revised maps that show accurate EPZ population numbers and only show operating plants.

Kim Lukes
State Liaison
NRC HQ Operations Center
301-816-5193

From: Logaras, Harral
Sent: Friday, April 01, 2011 1:01 PM
To: LIA04 Hoc
Cc: LIA05 Hoc
Subject: RE: Population maps surrounding the nuclear power plants.

Michelle,

The inquiry was spurred by internal review of the maps. We observed what appeared to several potential errors on the maps and we submitted the query out of concern to avoid unwarranted questions from reviewers that may disagree with information portrayed thereon (e.g. 10 & 50-mile EPZ's where no longer are there off-site agency radiological emergency response plans....) Does this context help?

Sincerely,

Harral Logaras
U. S. NRC Region III
Regional Government Liaison
630-829-9659

Link to the *Award Winning NRC Information Digest* <http://www.nrc.gov/reading-rm/doc-collections/nuregs/staff/sr1350/v22/sr1350v22.pdf>

Link to NRC Fact Sheets and Brochures <http://www.nrc.gov/reading-rm/doc-collections/fact-sheets/>

From: LIA04 Hoc
Sent: Thursday, March 31, 2011 5:09 PM

To: Logaras, Harral
Cc: LIA05 Hoc
Subject: RE: Population maps surrounding the nuclear power plants.

Harral,
FEMA has asked what spurred the map inquiries. Are you just trying to confirm that the information is correct, or have you received additional questions about the maps?
Thanks
Michelle

From: Logaras, Harral
Sent: Thursday, March 31, 2011 4:30 PM
To: LIA04 Hoc
Subject: RE: Population maps surrounding the nuclear power plants.

By the way, I think the LaCrosse plant is in western Wisconsin rather than central Kansas, and is anything at all left a Trojan?

Sincerely,

Harral Logaras
U. S. NRC Region III
Regional Government Liaison
630-829-9659

Link to the Award Winning NRC Information Digest <http://www.nrc.gov/reading-rm/doc-collections/nuregs/staff/sr1350/v22/sr1350v22.pdf>

Link to NRC Fact Sheets and Brochures <http://www.nrc.gov/reading-rm/doc-collections/fact-sheets/>

From: LIA04 Hoc
Sent: Thursday, March 31, 2011 3:26 PM
To: Logaras, Harral
Subject: RE: Population maps surrounding the nuclear power plants.

Thanks Harral. I will look into this.

From: Logaras, Harral
Sent: Thursday, March 31, 2011 4:19 PM
To: LIA04 Hoc
Subject: RE: Population maps surrounding the nuclear power plants.

Is it appropriate to depict permanently shut down plants like Zion, Big Rock, LaCrosse and Trojan as having 10 and 50-mile EPZ's?

Sincerely,

Harral Logaras
U. S. NRC Region III
Regional Government Liaison
630-829-9659

Link to the Award Winning NRC Information Digest <http://www.nrc.gov/reading-rm/doc-collections/nuregs/staff/sr1350/v22/sr1350v22.pdf>

Link to NRC Fact Sheets and Brochures <http://www.nrc.gov/reading-rm/doc-collections/fact-sheets/>

From: LIA04 Hoc

Sent: Thursday, March 31, 2011 10:56 AM

To: Barker, Allan; Browder, Rachel; Erickson, Randy; Logaras, Harral; Maier, Bill; McNamara, Nancy; Tift, Doug; Trojanowski, Robert; Woodruff, Gena

Cc: Easson, Stuart; Flannery, Cindy; LIA04 Hoc; Lukes, Kim; Maupin, Cardelia; Noonan, Amanda; OST05 Hoc; Rautzen, William; Rivera, Alison; Ryan, Michelle; Turtill, Richard; Virgilio, Rosetta

Subject: FW: Population maps surrounding the nuclear power plants.

FYI

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~~DO NOT RELEASE OUTSIDE OF THE FEDERAL FAMILY~~

From: LIA05 Hoc

Sent: Thursday, March 31, 2011 11:21 AM

To: LIA01 Hoc; LIA06 Hoc; LIA11 Hoc; LIA04 Hoc; LIA08 Hoc; OST05 Hoc

Subject: FW: Population maps surrounding the nuclear power plants.

Population maps surrounding the nuclear power plants.

Bonnie Sheffield Dayshift 0700-1500

Ken Wierman Nightshift 1500-2300

FEMA REP Liaison

NRC Operations Center

(301) 816-5187

~~*****FOR OFFICIAL USE ONLY*****~~

~~DO NOT RELEASE OUTSIDE OF THE FEDERAL FAMILY~~

From: Coons, Albert [mailto:albert.coons@dhs.gov]

Sent: Thursday, March 31, 2011 10:49 AM

To: LIA05 Hoc

Subject: FW: Population maps surrounding the nuclear power plants.

I don't know if you still need this information. Here is some more data on populations around plants

Albert Coons

Lead Program Specialist

HQ/NPD-THD-REPP

FEMA

202-212-2318

(b)(6) (cell)

703-305-0837 (fax)

E-mail: albert.coons@dhs.gov

From: Rodriguez, Arthur H (CTR) **On Behalf Of** FEMA-MACMAPS

Sent: Wednesday, March 30, 2011 4:38 PM

To: Fontenot, Rebecca; FEMA-MACMAPS

Cc: Feighert, Dan; Coons, Albert
Subject: RE: Population maps surrounding the nuclear power plants.

Hello Rebecca,

Attached please find the maps and population table we made for a similar request a couple weeks ago. If you would like us to change anything to make this closer to the previous product, we can do that for you. Please just let us know what changes/updates you would like.

Note that the population information is based on 2007 population estimates, based on the 2000 census. We do not have 2010 census data available for this analysis at this time.

Thanks,

Arthur Rodriguez
GIS Analyst
Mapping and Analysis Center (MAC)
IT-Enterprise GIS Services
Federal Emergency Management Agency
Department of Homeland Security

500 C Street SW / Room 420
Washington, DC 20472

Office: 202-646-3011
Fax: 202-646-3402

From: Fontenot, Rebecca
Sent: Wednesday, March 30, 2011 4:17 PM
To: FEMA-MACMAPS
Cc: Feighert, Dan; Coons, Albert
Subject: Population maps surrounding the nuclear power plants.

Hello Again,

We are looking for the most recent maps that you may have with the 10-mile and 50-mile population zones surrounding US nuclear power plants. Thank you for your assistance and I look forward to working with you.

Rebecca Fontenot, MPH

Emergency Management Specialist
REP Program
DHS-FEMA-PNP-NPD-THD
(202) 212-2315

(b)(6) (cell)

Rebecca.fontenot@dhs.gov

From: LIA04 Hoc
Sent: Friday, April 01, 2011 1:26 PM
To: PMT09 Hoc; Hoc, PMT12; Harrington, Holly; Easson, Stuart; Flannery, Cindy; LIA04 Hoc; Lukes, Kim; Maupin, Cardelia; Noonan, Amanda; OST05 Hoc; Rautzen, William; Rivera, Alison; Ryan, Michelle; Turtill, Richard; Virgilio, Rosetta
Subject: FW: Update on DHEC actions and finding
Attachments: Environmental Sampling Japanese Incident March 2011 Overview.pdf; SC DHEC and NPP Air Sampling Results as of April 1.pdf; Japan FAQ-01_04_01_11.pdf; Mary N. Bright.vcf
Importance: High

Just FYI

Kim Lukes
State Liaison
NRC HQ Operations Center
301-816-5193

From: Trojanowski, Robert
Sent: Friday, April 01, 2011 1:08 PM
To: McCree, Victor; Wert, Leonard; Hannah, Roger; Ledford, Joey; Croteau, Rick; Jones, William; Munday, Joel; Christensen, Harold; Gody, Tony; Musser, Randy; Guthrie, Eugene; Bartley, Jonathan; Hopper, George; Shaeffer, Scott; McCoy, Gerald; Rich, Daniel; Lake, Louis; LIA04 Hoc; LIA07 Hoc; Piccone, Josephine; Turtill, Richard; Virgilio, Rosetta; Ryan, Michelle; Woodruff, Gena; McNamara, Nancy; Tift, Doug; Logaras, Herral; Barker, Allan; Maier, Bill
Subject: FW: Update on DHEC actions and finding
Importance: High

FYI---Current summary of South Carolina's activities with respect to the Fukushima, Daiichi event-----
-----Bob

From: Mary N. Bright [mailto:brightmn@dhec.sc.gov]
Sent: Friday, April 01, 2011 12:46 PM

Hello all,

We have created, and attached, several documents for your use. These documents include:

- Actual results found from air and rainwater sampling in key spots throughout the state.

- A breakdown of the frequency of routine sampling that takes place and the additional sampling has been initiated since the Japan disaster (March 11, 2011).
- An **internal Fact Sheet** created for DHEC staff and personnel to address questions that come to us from the public and media.

To summarize the findings, DHEC had found minor levels of Iodine-131 in the air and rainwater at various locations throughout the state. The findings are consistent with findings from the U.S. Environmental Protection Agency numbers and the numbers reported to us through the various commercial nuclear power plants here in our state. The levels found pose no significant health threat or health concern. The levels we're seeing coming from Japan are 100,000 times lower than what you would get from taking a round-trip international flight.

DHEC personnel are continuing to take samples from air and rainwater. Additional drinking water and milk source sampling is now underway. As the results come to us we will make them available to each of you.

Please feel free to contact us if you have any questions or concerns about the information we have provided.

Sincerely,

Mary Nguyen Bright

Mary Nguyen Bright

Public Information Director

South Carolina Department of Health and Environmental Control

Nuclear Response and Emergency Environmental Surveillance Section

Mailing Address: 2600 Bull Street; Columbia, South Carolina 29201

Physical Address: 8911 Farrow Road; Columbia, South Carolina 29203

(o) 803-896-4099

(p) 803-698-2967

brightmn@dhec.sc.gov

For more information on SCDHEC's response to nuclear and radiological issues, please call (800) 476-9677.

ROUTINE									
Facility	Location	Air	Drinking Water	Precipitation	Direct Readings	Soil	Vegetation	Milk	TLDs
Oconee	21-0538 (Duke Rec)	Monthly							
	21-5781 (WTP KEOWEE Key)	Monthly							
	Seneca Water Supply (EPA RadNet)		Quarterly						
	Area within 10 mile EPZ								12 (Quarterly)
Catawba	21-0881 (Catawba Overlook)	Monthly							
	21-0869 (Bluebird Ln)	Monthly							
	Area within 10 mile EPZ								12 (Quarterly)
VC Summer	21-0731 (Garden Plot)	Monthly							
	21-0736 (Monticello)	Monthly							
	Jenkinsville (EPA RadNet)		Quarterly						
	Area within 10 mile EPZ								12 (Quarterly)
HB Robinson	21-0230 (Visitor's Center)	Monthly							
	21-0238 (Johnson's Marina)	Monthly							
	Area within 10 mile EPZ								12 (Quarterly)
Barnwell Co.	Barnwell (for EPA RadNet)		Quarterly						
Aiken EQC Reional Office	EQC Aiken Regional Office							5(Quarterly)	

* NOTE: SC nuclear power plants provide some split samples to our rad lab for analysis.

Post- Fukushima Dai-ichi									
Facility	Location	Air	Drinking Water	Precipitation	Direct Readings	Soil	Vegetation	Milk	TLDs
Oconee	21-0538 (Duke Rec)	Weekly (Mon)			X				
	21-5781 (WTP KEOWEE Key)	Weekly (Mon)		As Available	X		one time		
	Seneca Water Supply (EPA RadNet)		Quarterly						
	Area within 10 mile EPZ								12 (Quarterly)
Catawba	21-0881 (Catawba Overlook)	Weekly (Tues)		As Available					
	21-0869 (Bluebird Ln)	Weekly (Tues)							
	Area within 10 mile EPZ								12 (Quarterly)
VC Summer	21-0731 (Garden Plot)	Weekly (Wed)		As Available					
	21-0736 (Monticello)	Weekly (Wed)							
	Jenkinsville (EPA RadNet)		Quarterly						
	Area within 10 mile EPZ								12 (Quarterly)
HB Robinson	21-0230 (Visitor's Center)	Weekly (Mon)							
	21-0238 (Johnson's Marina)	Weekly (Mon)							
	Area within 10 mile EPZ								12 (Quarterly)
Barnwell Co	Barnwell (for EPA RadNet)		Quarterly						
Control Group (Columbia)	21-8888 (State Park- Building 15)	Weekly (Tues)							
	21-0001 (DHEC 2600 Bull St)	Weekly (Tues)		As Available					
Aiken EQC Reional Office	EQC Aiken Regional Office							5(Quarterly)	

* NOTE: SC nuclear power plants provide split samples to our rad lab for analysis



Fact Sheet

South Carolina Department of Health and Environmental Control • www.scdhec.gov

Japanese Nuclear Power Plant Concerns

April 1, 2011

What is the impact of the event in Japan on people in the United States?

At this time, there is no indication that significant radioactive materials from the incidents in Japan have the potential to reach the U.S. or will have any significant radiological effect on the U.S. The S.C. Department of Health and Environmental Control and the U.S. Environmental Protection Agency (USEPA) have found minor levels of radioactive material on the east coast in the air and in rainwater. We do not expect to see radiation at harmful levels that would impact health.

What's the risk for South Carolina from the current nuclear power emergency in Japan?

The U.S. Nuclear Regulatory Commission (USNRC) says Japan's nuclear emergency presents no danger to the United States. The USNRC is directly involved and assisting the response efforts in Japan emergency and continues to monitor for any risk in the U.S.

What is DHEC doing to assess the risk?

DHEC is monitoring the situation closely in conjunction with our local, state, federal partners and commercial nuclear facilities throughout the state. DHEC personnel have been continuously monitoring the air at multiple locations throughout the state. When possible precipitation samples have been gathered throughout the state. The DHEC state laboratory has analyzed these samples and, at this time, results show minor levels of Iodine-131 that pose no health concern or health threat. DHEC continues to follow the effects of the damaged nuclear power plants as long as there are potential concerns.

What additional exposure are we getting from the radiation that has been detected?

The levels we're seeing coming from Japan are 100,000 times lower than what you would get from taking a roundtrip international flight.

Does South Carolina have a plan in place to respond to a radiological emergency?

Yes. We work closely with the S.C. Emergency Management Division, our state's coordinating agency, and other state agencies in all emergencies. There are plans in place for monitoring our nuclear facilities and other nuclear threats, and to respond to safely limit any threats to the public.

Should I be taking potassium iodide (KI) to protect myself?

No. Potassium iodide (KI) tablets are not recommended at this time. In fact, KI tablets can present a danger to people with allergies to iodine, shellfish or who have thyroid problems. Taking KI when it is not needed can cause side effects. Dosages can vary by body weight and must be measured carefully, particularly in children to avoid toxicity. KI should only be taken when advised by public health officials in the event of a nuclear disaster locally. If it ever would become necessary for South Carolinians to take potassium iodide, the federal government's Strategic National Stockpile keeps supplies of KI and can deliver emergency equipment and supplies within hours. DHEC maintains a state stockpile of KI as well.

What are the health effects of radiation exposure?

- The risks from radiation always depend on the amount of radiation in the atmosphere, the type of radiation released, the distance from the radiation source, and whether there is any shielding between the source and a person.
- Radiation can be dangerous if the dose of radiation exceeds a certain level. If a nuclear power plant is damaged, health effects are most often seen among the first responders and nuclear power plant workers. This is because they are working in the accident area and they are more likely to be exposed to the high levels of radiation that must be present to cause immediate effects. Some of the immediate effects show up as skin redness, hair loss, and burns.
- In a nuclear power plant accident, the general population is not likely to be exposed to enough radiation to cause these effects. South Carolina's distance from Japan greatly reduces our risk of exposure to the radiation that has been released as a result of this accident.

Who is at highest risk of exposure in the Japanese nuclear power plant accident?

Nuclear power plant workers may be exposed to higher radiation doses due to their professional activities and direct exposure to radioactive materials inside the power plant.

What are the long-term effects from radiation exposure?

- Exposure to high levels radiation could increase the risk of cancer. For instance, among the atomic bomb survivors after World War II, the risk of leukemia increased a few years after radiation exposure. The risks of other cancers increased after more than 10 years following the exposure to high amounts of radiation.
- Radiation can be released into the air during nuclear emergencies. Until experts analyze the radiation, there is not enough information to predict the potential impacts of the radiation upon people and the environment.
- Other potential long-term effects come from consuming contaminated foodstuffs that were present in the environment after the release.

Is it true that we are all exposed to radiation daily?

Yes. We are exposed to natural radiation in small amounts on a daily basis. The radiation comes from the sun, from natural materials found in the ground, water and air, from our televisions, cell phones and computers, and

from every structure around us. Levels of exposure to natural radiation also depend on the local geology and elevation. People can also be exposed to higher doses of controlled radiation for radiation treatments or medical equipment such as X-ray machines.

How does radiation become a health hazard during a nuclear power plant accident?

- If radiation is released from a nuclear power plant during an accident, the radioactive particles might become airborne.
- Those particles that drift in the atmosphere could settle on water and land. If the particles come in contact with people, there is a possibility of radiation contamination both internal (breathing and eating) and external.
- It is important to monitor the instructions from public health authorities to determine if there is a risk. You may be advised to stay indoors for a period of time.
- If there has been external contamination, such as radioactive particles falling on the skin, you may be advised to take a shower.
- You should also avoid eating potentially contaminated foodstuffs.

What will public health be doing in an emergency involving radiation?

- In the case of a nuclear power accident, protective actions may be implemented within an area around the site. Those could include staying indoors, or evacuation.
- The public health impacts depend on the amount of radioactivity released in the atmosphere and the prevailing weather conditions such as wind and rain. It may be helpful to evacuate people within a certain distance of the nuclear power plant; to provide shelter in order to reduce exposure; and to provide potassium iodide pills, commonly called KI, for people to take to reduce the risk of certain cancers. Medical authorities determine these steps after consultation with radiation experts.
- If warranted, steps such as restricting food use of vegetables and dairy products produced in the area of the power plant can help reduce exposure.

How can I protect myself?

- It is important to remember that according to the U.S. Nuclear Regulatory Commission, there is no risk to anyone in the United States at this time. The Environmental Protection Agency has permanent radiation monitoring stations on the West coast.
- Keep yourself and your family informed by obtaining accurate information. Know where to get information, such the Centers for Disease Control and Prevention or the Nuclear Regulatory Commission, rather than relying on unverified websites, where invalid information may spread quickly.

Follow the instructions of your local government's authorities after any emergency. DHEC communicates with local media, such as radio and TV, regularly. We also have updated information on our website at http://www.scdhec.gov/environment/lwm/html/nuclear_power.htm.

For more information on Iodine – 131, please visit the following link:

<http://epa.gov/radiation/radionuclides/iodine.html>

For more information on the USEPA's monitoring efforts, please visit the following link:

<http://www.epa.gov/japan2011/>

For more information on the U.S. response to Japan's Fukushima Dai-ichi Nuclear Power Plant incident, please visit the following link:

<http://www.usa.gov/Japan2011.shtml>

For more information about South Carolina's KI policy or the state's radiological emergency response plan, contact Mary Nguyen Bright at (803) 896-4099 or 1-800-476-9677.

Attachment Mary N. Bright.vcf(328 bytes) cannot be converted to PDF format.

SC DHEC Air Sampling Results as of April 1, 2011

Location	Sample ID	Sample Type	Date Collected	Be-7 (pCi/m3)	1 yr Dose (mrem)	K-40 (pCi/m3)	1 yr Dose (mrem)	CO-60 (pCi/m3)	1 yr Dose (mrem)	I-131 (pCi/m3)	1 yr Dose (mrem)	Cs-137 (pCi/r)
	XA21605	Air	21-Mar	<MDA		0.633	8.20E-02	<MDA		0.035	1.20E-02	<MDA
	XA21606	Air	21-Mar	<MDA		0.477	6.18E-02	0.85 ¹	1.95E+00	<MDA		<MDA
St	XA21619	Air	22-Mar	<MDA		0.631	8.17E-02	<MDA		0.047	1.61E-02	<MDA
De Park	XA21604	Air	22-Mar	<MDA		0.633	8.20E-02	<MDA		<MDA		<MDA
	XA21614	Air	28-Mar	<MDA		0.698	9.03E-02	<MDA		0.061	2.12E-02	<MDA
	XA21615	Air	28-Mar	<MDA		0.591	7.65E-02	<MDA		0.071	2.47E-02	<MDA

NPP Collected Air Sampling Results as of April 1, 2011

Location	Sample ID	Sample Type	Date Collected	Be-7 (pCi/m3)	1 yr Dose (mrem)	K-40 (pCi/m3)	1 yr Dose (mrem)	CO-60 (pCi/m3)	1 yr Dose (mrem)	I-131 (pCi/m3)	1 yr Dose (mrem)	Cs-137 (pCi/r)
	074	Air	21-Mar	<MDA		<MDA		<MDA		0.021	7.22E-03	<MDA
	077	Air	21-Mar	<MDA		<MDA		<MDA		0.019	6.57E-03	<MDA
	078.1	Air	21-Mar	<MDA		<MDA		<MDA		0.022	7.74E-03	<MDA
	079	Air	21-Mar	<MDA		<MDA		<MDA		0.024	8.43E-03	0.00
	081	Air	21-Mar	<MDA		<MDA		<MDA		0.013	4.42E-03	<MDA
	084	Air	21-Mar	<MDA		<MDA		<MDA		0.018	6.26E-03	<MDA
	200	Air	22-Mar	<MDA		<MDA		<MDA		0.027	9.47E-03	<MDA
	201	Air	22-Mar	<MDA		<MDA		<MDA		0.024	8.16E-03	<MDA
	205	Air	22-Mar	<MDA		<MDA		<MDA		0.012	4.15E-03	<MDA
	212	Air	22-Mar	<MDA		<MDA		<MDA		0.028	9.57E-03	<MDA
	258	Air	22-Mar	<MDA		<MDA		<MDA		0.028	9.61E-03	<MDA
	259	Air	22-Mar	<MDA		<MDA		<MDA		0.017	6.01E-03	<MDA

¹Trace of Cobalt-60 was detected on the air sample cartridge, it was not detected on the air sample filter. The cartridge and filter are being submitted to a commercial laboratory for re-analysis.
 <MDA = Minimum Detectable Activity

SC DHEC Precipitation Sampling Results as of April 1, 2011

Location	Sample ID	Sample Type	Date Collected	Be-7 (pCi/L)	1 yr Dose (mrem)	K-40 (pCi/L)	1 yr Dose (mrem)	CO-60 (pCi/L)	1 yr Dose (mrem)	I-131 (pCi/L)	1 yr Dose (mrem)	Cs-137 (pCi/L)	1 yr Dose (mrem)
State Park	XA21618	Precip	29-Mar	<MDA		<MDA		<MDA		19.8		<MDA	
	XA21637	Precip	29-Mar	48.5		<MDA		<MDA		33.2		<MDA	

<MDA Minimum Detectable Activity

From: LIA04 Hoc
Sent: Friday, April 01, 2011 2:02 PM
To: LIA04 Hoc; LIA06 Hoc; LIA08 Hoc; Easson, Stuart; Flannery, Cindy; Lukes, Kim; Maupin, Cardelia; Noonan, Amanda; OST05 Hoc; Rautzen, William; Rivera, Alison; Ryan, Michelle; Turtill, Richard; Virgilio, Rosetta
Subject: Ops Center State Liaison Turnover from 4/1/11 (7AM - 2PM EDT)

Changes based on my turnover shift are in dark red.

Summary of State Liaison Team from 4/1/11 7AM-2PM SHIFT:

The list below includes actions beginning 3/28 that were either closed or carried over. Flagged Inbox Emails require additional attention.

SL participated in HHS call with States. See notes in previous email or LT log for additional information. PMT supported call. The following issue was raised: What if someone wants to bring contaminated material into a State to decontaminate? PMT provided information regarding required license for imported material. CT and AZ asked this question.

SL received inquiry from Region IV regarding NEI database of sampling at nuclear power plants and whether or not States could access this information. NRC is unable to provide access to States. Ellen Anderson is the appropriate contact at NEI for questions regarding the data. She has indicated that States should stay with current protocol to contact plant POC directly for data.

SL received information regarding White House Briefing of Governors to take place on 04/01/11 at 6PM EDT. (See flagged email and scheduler for additional information.) – Sent reminder e-mail (9:31 a.m.) to State Liaisons that are covering the 2-9 p.m. shift that their participation is needed on that call.

Listened in to the Friday, 4/1/11, HHS Call with the Federal agencies. Nothing significant resulted from the meeting. It was mentioned that the meetings may drop to twice a week, but no final decision has been made yet regarding the frequency of the meetings.

Forwarded (1:26 p.m. 4/1), as FYI, to PMT and OPA contact SC's actual results found from air and rainwater sampling in key spots throughout the state and an internal fact sheet for SC staff and personnel to address questions from the public and media.

ONGOING REQUEST FROM EPA:

~~EPA would like us to send any future environmental information to: EOC-Environmental-Unit@epa.mail.epa.gov. In addition, Mr. Clark indicated that if a State would like to contact EPA directly, they should contact an EPA regional office.~~

NOTE: NRC has NOT release a RIS and is still referring all questions to EPA.

CORRECTION EMAIL SENT: Correction to the email below. EPA is not collecting information/data from the States. If States have questions regarding radiation data in the United States they should go to: <http://www.epa.gov/japan2011/>. (Please only pass this information along. There are Q&A on EPA's web site if the States have further questions. EPA is NOT collecting data from the states they are reporting data. I had a call with Ray Clark 202-250-8296 regarding this miscommunication.)

Ongoing action for FOIA request information gathering:

LT Coordinator asked SL Desk to forward all Inbox messages to FOIAResponse.hoc@nrc.gov. (This should populate when you start typing.)

Inbox messages were forwarded from 03/11/11-03/29/11.

During AM shift, please forward all Inbox emails from preceding day. (Tomorrow, 03/31/11, forward 03/30/11 messages.) (AJN forwarded 03/30/11 emails on 03/31 please continue process every morning)

- To forward multiple messages, highlight messages to be forwarded and right click, selecting "Forward Items."
- I included the origin and date of emails in the subject line when sending (for example, "SL Desk 03/16-03/17/11").
- DONE for inbox 3/31/11 e-mails.

Current Actions

- No Current Actions due from this shift. See "Continue Actions to Follow-up" 3/28/11 evening shift for pending issue in orange and dark red.
- FYI- Heads up email on misleading HLS Newswire article – no action, but M. Weber has requested a "For the Record" news article or blog in response - when we get one send to RSLO's – however we have not heard from any States about this.

Continue Actions to Follow-up

- 3/28/11 evening shift - The LT director received announcement from PA regarding elevated I- 131 in rain water. The issue has been sent to the PMT to create a dosing model for an individual consuming 8oz of contaminated rain water in case the NRC receives any questions. The Federal liaison will be sending this press release to the EPA to insure they have received the notice and can craft a response (if necessary). See LIA04 inbox email from LIA06 Hoc received at 7:36pm
- 03/31/11 evening shift – SL Received inquiry from RIII RSLO H. Logaras regarding FEMA issued EPZ maps. The following questions were asked:
 - o Is it appropriate to depict permanently shut down plants like Zion, Big Rock, LaCrosse and Trojan as having 10 and 50-mile EPZ's?
 - o I think the LaCrosse plant is in western Wisconsin rather than central Kansas, and is anything at all left a Trojan?

FEMA is inquiring with HQ and awaiting response (expects new maps tomorrow that do not include decommissioned plants). – Per e-mail sent by FEMA Liaison on 11:31 a.m. on 4/1, waiting for FEMA Headquarters to provide new maps that show accurate EPZ population numbers and only show operating plants.

- 03/31/11 evening shift – SL received inquiry from RI RSLO Doug Tiff regarding 04/04/11 briefing of NH Legislature as to whether or not Oral Statement to be made by Darrell Roberts (RI) needed to be reviewed by OPA. Email sent to Holly Harrington, and awaiting response. – Sent follow-up e-mail to Holly at 9:25 a.m. Holly responded on 9:43 a.m. that she forwarded on the Statement to Region I's public affairs office for review (Neil and Diane). Informed Monica Orendi (who is filling in for Nancy and Doug) of this. Also, sent an e-mail to RSLOs on 11:48 a.m. indicating that the proposed Statement is a good template for future Statements and future Statements can be reviewed by Regional OPAs. DONE

STATUS: The analysis from PMT on dose modeling has not been received.

From: LIA04 Hoc
Sent: Friday, April 01, 2011 7:17 PM
To: Easson, Stuart; Flannery, Cindy; LIA04 Hoc; Lukes, Kim; Maupin, Cardelia; Noonan, Amanda; OST05 Hoc; Rautzen, William; Rivera, Alison; Ryan, Michelle; Turtill, Richard; Virgilio, Rosetta
Subject: FYI: Minutes from the 4/1/11 6 PM EDT White House Briefing Call

White House Briefing Call – Friday, April 1, 2011, 6 PM EDT

Introductions.....WH IGA

Brief Update of the Situation.....DOE/NNSA

- Continuing to monitor aerial and ground monitoring and provide technical support to Japan and the Federal family
- At Japanese request, providing specialized equipment (robotic imaging tools and heavy lift equipment)
- Normal offsite power at 2 & 4, working on restoring power to 1 & 3
- Freshwater cooling to 1, 2, 3 ; U.S. Navy has helped supply the water
- Based on monitoring flights, ground disposition of isotopes is stable and in decline

Japan Weather Update & Forecast.....NOAA

- No significant rainfall projected in the next week, weak cold front coming

Environmental Monitoring.....EPA

- Nationwide radiation monitoring (air, drinking water, milk, rainfall); deployed some units to Pacific basin
- View data on www.epa.gov/japan2011
- Expect miniscule readings of some isotopes, but there is no public health concern for the U.S.

Agriculture/Food Monitoring.....USDA & FDA

- Relying on EPA data, no additional monitoring warranted at this time
- Import alert on Japanese commodities from 4 prefectures near the reactors, expanded by 6 more today (4/1/11)
- Twice HHS weekly calls with the States – 5 pm Tuesdays and Thursday

Health Messaging.....CDC

- No need for anyone in U.S. to: take KI, stop milk consumption, or switch to bottled water

Port-of-Entry Monitoring.....DHS/CBP

- Monitoring travelers and goods at ports of entry

Open Discussion/Questions.....ALL

- Deputy Mayor for Los Angeles – Where are the vessels coming in? Any issues with workers unloading/scanning? Is there a review of the vessels departing Japan?
 - Answers: 50% of the vessels are L.A. or Long Beach port. CBP provided training at the ports and have had no issues to date. The process is working. Do not believe there is a systematic check on outbound.

Summary.....WH IGA

- Usa.gov website is a consolidated site for information
- Will continue to set up calls as needed
- May contact the Intergovernmental Affairs Office at the White House at (b)(6)

From: Maier, Bill
Sent: Friday, April 01, 2011 7:18 PM
To: Collins, Elmo; Howell, Art; Howell, Linda; Kennedy, Kriss; Pruett, Troy; Vegel, Anton; Caniano, Roy; Cain, Chuck
Cc: Browder, Rachel; Erickson, Randy; Dricks, Victor; Uselding, Lara; Carson, Louis; Werner, Greg; LIA04 Hoc
Subject: FW: question from AZ

FYI, the website provided below by Aubrey Godwin contains the results of the State of Arizona's measurements of Iodine 131 in air and milk samples.

Bill Maier

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

From: Aubrey Godwin [mailto:agodwin@azrra.gov]
Sent: Friday, April 01, 2011 10:41 AM
To: Maier, Bill
Subject: RE: question from AZ

Bill:

To see our reported data from this event go to <http://www.azein.gov>.

Aubrey

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

From: Maier, Bill [mailto:Bill.Maier@nrc.gov]
Sent: Thursday, March 31, 2011 4:09 PM
To: 'judy.kioski@azdema.gov'
Cc: Aubrey Godwin; Uselding, Lara; Dricks, Victor; LIA04 Hoc; Andrews, Tom; Browder, Rachel; 'craig.fiore@dhs.gov'
Subject: FW: question from AZ

Hi Judy,

NRC is not publicly reporting the results that Palo Verde reports to us. Palo Verde is also reporting to the Nuclear Energy Institute (industry coordinator). My discussions with Aubrey Godwin of ARRA indicated that he is getting Palo Verde's results. Aubrey may be able to offer a technical explanation for any differences in results if those differences are judged to be statistically significant.

For follow-up with NEI to determine how they are distributing/using the data, I was given the following name:
Ellen Anderson

The only number that I have seen is NEI's main number in DC:
202.739.8000

I hope this helps.

Bill Maier
Regional State Liaison Officer

NRC Region 4
817-860-8267

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

From: Judy Kioski
To: Holly Harrington
To: Dricks, Victor
Subject: question from AZ
Sent: Mar 31, 2011 2:35 PM

Good afternoon, I know that Palo Verde Nuclear Generating Station is reporting their sampling data to the NRC. Is the NRC reporting that data? I know the Palo Verde data sample is different than what was collected from the ARIZONA Radiation Regulatory Agency. I just want to be prepared if I need to answer the question about why the findings are different. Please advise. Thanks, Judy Judy Kioski Public Information Officer-Arizona Division of Emergency Management 5636 E. McDowell Road Phoenix, AZ 85008 work 602-464-6245 cell (b)(6) judy.kioski@azdema.gov

From: LIA04 Hoc
Sent: Friday, April 01, 2011 9:02 PM
To: LIA04 Hoc; LIA06 Hoc; LIA08 Hoc; Easson, Stuart; Flannery, Cindy; Lukes, Kim; Maupin, Cardelia; Noonan, Amanda; OST05 Hoc; Rautzen, William; Rivera, Alison; Ryan, Michelle; Turtill, Richard; Virgilio, Rosetta
Subject: Ops Center State Liaison Turnover from 4/1/11 (2PM - 9PM EDT)

Changes based on the Friday, April 1st afternoon/evening shift are in blue.

Summary of State Liaison Team from 4/1/11 2PM-9PM SHIFT:

Flagged Inbox Emails require additional attention. **Also, RST and PMT have asked that if we are forwarding requests for information/action from them to please enter it in the task tracker system as well.**

Called in to the White House Briefing of Governors on 04/01/11 at 6PM EDT with LT Director and FEMA rep, OPA also on. (See 4/1/11, 7:17 pm email for notes.)

Questions on Japanese ISFSIs from NY through RI RSLO (4/1/11, 2:06 pm) forwarded to RST who put in the task tracker for follow-up next week.

Question on I-131 (4/1/11, 1:56 pm) forwarded to PMT for follow-up. PMT response provided (4/1/11, 3:38 pm) and forwarded to RIII.

Ongoing Request from EPA:

NOTE: NRC has NOT released a RIS and is still referring all questions to EPA.

EPA is not collecting information/data from the States. If States have questions regarding radiation data in the United States they should go to : <http://www.epa.gov/japan2011/>. There are Q&A on EPA's web site if the States have further questions.

Response for questions on RADNET data:

The EPA RadNET system (<http://www.epa.gov/japan2011/>) has been collecting data that shows elevated concentrations of I-131 and Cs-137 from air monitoring stations. (<http://www.epa.gov/japan2011/docs/rer/radnet-cart-filter-final.pdf>).

The EPA.EOC can be contacted at 202-250-8930 for further information or questions.

Ongoing action for FOIA request information gathering:

LT Coordinator asked SL Desk to forward all Inbox messages to FOIAResponse.hoc@nrc.gov. (This should populate when you start typing.)

During AM shift, please forward all Inbox emails from preceding day(s). (Monday, 04/04/11, forward 04/01/11-04/03/11 messages.)

- To forward multiple messages, highlight messages to be forwarded and right click, selecting "Forward Items."
- Include the origin and date of emails in the subject line when sending (for example, "SL Desk 03/16-03/17/11").

Current Actions

- No Current Actions due from this shift. See "Follow-up Actions" for pending issues.
- FYI- Heads up email on misleading HLS Newswire article – no action, but M. Weber has requested a "For the Record" news article or blog in response - when we get one send to RSLO's – however we have not heard from any States about this.

Follow-up Actions

- 3/28/11 evening shift - The LT director received announcement from PA regarding elevated I- 131 in rain water. The issue has been sent to the PMT to create a dosing model for an individual consuming 8oz of contaminated rain water in case the NRC receives any questions. The Federal liaison will be sending this press release to the EPA to insure they have received the notice and can craft a response (if necessary). See LIA04 inbox email from LIA06 Hoc received at 7:36pm Spoke with the PMT Director who indicated that PMT wasn't working on a model as far as he knew and there wasn't anything in the Task Tracker. PA Press Release was issued (see 3/29/11 8:18 am email), but no questions have been received to date. **PMT considers this closed at this time.**
- 03/31/11 evening shift – SL Received inquiry from RIII RSLO H. Logaras regarding FEMA issued EPZ maps. The following questions were asked:
 - o Is it appropriate to depict permanently shut down plants like Zion, Big Rock, LaCrosse and Trojan as having 10 and 50-mile EPZ's?
 - o I think the LaCrosse plant is in western Wisconsin rather than central Kansas, and is anything at all left a Trojan?
 FEMA is inquiring with HQ and awaiting response (expects new maps tomorrow that do not include decommissioned plants). – Per e-mail sent by FEMA Liaison on 11:31 a.m. on 4/1, waiting for FEMA Headquarters to provide new maps that show accurate EPZ population numbers and only show operating plants.
- Questions on Japanese ISFSIs from NY through RI RSLO (4/1/11, 2:06 pm) forwarded to RST who put in the task tracker. **FOLLOW-UP ACTION for week of 4/4: Check status of Task 3661 to see if response has been posted and/or email response provided by RST.**

From: LIA04 Hoc
Sent: Friday, April 01, 2011 11:50 PM
To: LIA08 Hoc; LIA01 Hoc
Subject: Japanese Government Action Items and Material Request List (Consortium Call) Rev 04-01 2000 hrs.xlsx
Attachments: Consortium Call Minutes from 4 1 11 2000.doc; Japanese Government Action Items and Material Request List (Consortium Call) Rev 04-01 2000 hrs.xlsx

Jason:

The first attachment is the updated matrix based on today's call.

Please send this out by 0800 to the distribution list for comment. I would give everyone until about 1500 and then incorporate their responses and resend so that everyone can see the changes made. I recommend a cut off for comments by about 1800 or 1900 so that a hard copy can be shared with the ET prior to the meeting along with the agenda.

I have also attached the meeting minutes which should be sent out as well.

You could resend the draft agenda for tomorrow's meeting (4/2/11) as well as the minutes tomorrow morning.

JJ

Consortium Call – 4/1/11 20:00

Attendees:

- NRC Headquarters Operations Officer
- Kevin Mulligan, INPO
- Rick M Nielsen, INPO
- Randy Trapasso, INPO
- Lt Col. Price, PACOM w/radiation support team
- Lt. Cmdr. Robert Mercer, J4
- Thomas G Vavoso, Naval Reactors
- Alan Blamey, NRC Japan
- Glenn A Southern, Naval Reactors
- Col. Patrick Wall

Item #1: Shipment delay to Japan. Looking at logistics on how to ship items.

Item #15: Will need to work with Embassy to get shipment faster. Contact Ted Gehr, USAID. Cargo weigh is 850 pounds and dimensions are 26" x 56" x 29" for monitors. Joint Forces doesn't have validation from Joint Staff of Japan. Also needs correct logistics on how to process request like this. Embassy should give information to LNO's point of contacts. Col Towne can be reached at (b)(6) or (b)(6). Embassy to bring in additional people to work-out logistics to get items moving. Items in Canada ready for pickup on Tuesday. To transport via C-17 from mid U.S. to Japan is \$250,000 DoD rate and non-DoD but govt mission little over \$400,000. Cargo is 8.5 short tons of gear. Might need to be a special airlift mission to ship cargo via C-17.

Item #20 & 22: Mobil devices on ground – DOE & NRC will follow-up. Leave item open.

Item #18: Sharing raw data with Japan on models.

Item #19: Providing training to Japan. Received 3 requests from Japanese ministries for detectors for screening drinking water and soil samples. Still open.

Item #21: Shipment planned for April 5. DoD to send 2 experts on hardened cameras and robotics to help with training.

Item #22: DoD and NRC will follow-up with Embassy. Embassy needs definition.

Item #23: Leave open.

Item #24: Japan doesn't see need for additional pumps.

Item #25: Covered in item #1.

Item #27: Close, this item is on Embassy's list.

Item #28: Might close.

Item #29: Close, this item is on Embassy's list.

Item #30, 31 & 32: Provided white paper outlining strategy.

Item #33: Not enough information on shielding loads. Planning a meeting with Japan about shielding.

Item #34: Looking for additional source for equipment.

** Next meeting planned for 4/2/11 @ 20:00 (same time tomorrow)

****DRAFT** Japanese Government Action Items and Material Request List**
Updates Are Forwarded To Conference Call Attendees At the Following Times Each Day (EDT):
0800 hrs for review; 1800 hours for use at 2000 Conference Call

Item#	Action Item Description	Coordinating Agency	Current Status and Expected timing	Status
1	Provide Radiation monitors, survey meters, friskers requested by GoJ (Mr. Hosono)(radiacs) and TEPCo Keisuke Takenaka (hand and foot) monitors. Two locations	NRC Team working with USAID ; INPO, Rick Nielsen	San Onofre to provide Teletectors (several boxes). South Texas to provide one drum and half pallet of equipment. Send to 11601-13, Nishijyusanbugyo, Hitachinaka-City,Ibaraki, 311-1206, Japan, phone +81-29-264-2681. Bruce to send 20 hand/foot friskers (850 lb per) to Contact is Keisuki Takenaka 竹中 圭介 [takenaka.keisuke@tepcoco.jp] to ship to the Narita Airport.	Open
15	Requests for military air transport	J4/PACOM	PACOM is involved in the review and approval of all requests for military airlift to Japan. Requests should include weight and dimensions of the cargo	Open

****DRAFT** Japanese Government Action Items and Material Request List**
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16	Conduct of aerial survey (for AMS measurements) (sharing of the data and its analysis)	Sal to followup on this with the White House; DOE-NNSA and NARAC support, poc DOE EOC , S Golub DOE-NE	AMS flights continue on daily basis in Japan, weather permitting. New model will be developed for Ambassador due 6Apr. Need source term from NRC-PMT and then NARAC will run model. Will need USG clearance before release to GOJ.	Open
20 & 22	Use of radiation monitoring devices on the ground (mobile and stationary type)	DOE to followup; DOE-NNSA and NARAC support, poc DOE EOC , S Golub DOE-NE	DOE Ground monitoring activities continue, including joint activities with DoD,	Open
18	Conduct of the simulation by the radiation diffusion model (comparison with the SPEEDI simulation by the Japan side)	DOE & NRC PMT		Open
19	Use of the germanium semiconductor detectors (for measuring the extent to which water and foods are exposed to radiation)	DOE (Sal)		Open

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21	Use of robotic devices (for monitoring)	DOE/DOD	<ul style="list-style-type: none"> • DOE will be providing one specially outfitted TALON robot with radiation sensing capabilities, three additional radiation sensing packages for use on robotic equipment already provided, 5 specialized cameras for radiation environments, associated instructions, and offers of continued technical assistance. Expected to ship by commerial air on 4/5 Jay will follow up with a pdf of manifest showing specific items' weight and dimensions 	Open
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	Use of the data (image, level of radiation) obtained by 22 UAVs	DOE and NRC (A .Blamey) to identify the issue and what the minimum need will be to meet this request. DOE; DOD	This item is unclear and should be revised to be actionable, or deleted.	Open
	23 Use of unmanned helicopter (K-MAX)	J4 ??		Open
	24 Fresh water supply pumps from Bechtel. (Note that this is no longer an INPO action. Bechtel's role was to furnish engineering and source the equipment for movement in Australia. US shipped the equipment, MOD to assemble.)	DOD	First train in Japan	Open
	25 Rad meters deleted as it is covered in item #1			Open
	27 Use of iodine preparation (iodide of potash) (quantity specification to be discussed later with due consideration of US offer of 1 million bottles)	R. Neilson; USAID??		CLOSED
	28 Use of extinguishant / coolant (Nitrogen?)	NRC		Open

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29	Plastic bottles of drinkable water for the infant / baby use	USAID??	USAID to track	CLOSED
30	Temporary holding tanks (for removing contaminated water)	DOE and DOD, DOE-NE pocs S Golub, Monica Regalbuto; DoD Admiral Gregory	DOE-NE is developing contaminated water management proposals for consideration by GoJ. White paper with expertise, equipment and techniques was provided thru Embassy on 31March. Ncludes capture, storage and treatment. DOE (Golub) will contact DoD (Adm. Gregory to coordinate efforts).	Open
31	Tanker trucks as a temporary holding area (for removing contaminated water)	DOE-NE pocs S Golub, Monica Regalbuto	Is being coordinated thru Item #30	Open
32	Investigate whether there is a technology that would absorb contaminated materials from water (for removing contaminated water)	DOE; DOE-NE pocs S Golub, Monica Regalbuto	Is being coordinated thru Item #30	Open

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33	Japan asked for NRC expertise on temporary shielding options, to determine whether the NPP Plant buildings are strong enough to hold up under additional pressure	NRC		Open
34	Request for the following: 2100 units – Rad Survey Meters 2500 units – Personal Dosimetry 5100 units – iodine shielding masks	INPO (Neilson) DOE	high priority	Open
2	Information on sources for Gamma Cameras	INPO	No further action; material provided to GoJ.	Closed
3	Provide Hydraulic (water) Hoses (300-500 meters)	INPO	Request has been canceled by Govt of Japan	Closed
4	Provide sources and specifications on Anti C's, respirators, materials.	INPO	Due Date: 3/29/11. Supply chain: Materials sourced; to be obtained commercially. Information sent to GoJ through AI Hochevar	Closed

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6	List Tools/methods for moving damaged fuel, plus contacts of those with experience at TMI-2 and Chernobyl.	INPO	Options provided to GoJ through AI Hochevar on 3/30.	Closed
7	Provide strategies for shielding for individual rooms and for the facility in general. List companies that can fabricate and install such shielding.	INPO	options for shielding provided along with photographs of installations and companies	Closed
8	Obtain contact information for industry personnel with experience in handling and disposal of open pools/trenches of high dose rate (>100 R/hr) water. Rcvd Mar 29 from AI Hochevar from Mr. Hosono	INPO	Contacts developed and provided to GoJ through AI Hochevar 3/31/11	Closed
9	Assist Westinghouse working on the UAV request and coordinating with Texas A & M expert	INPO	No further INPO action; Westinghouse addressing fully.	Closed
10	INPO propose revision 1 to RST Assessment Document. (SAMG Technical Document)	INPO	Proposal provided to NRC. guidance has been sent to INPO contact in Japan and is being updated (Rev 1) and will be discussed at 1100 hrs call today; will include injection rate-plan and best assessment to plant conditions;	Closed
11	GEH is following up on the Nitrogen purge issue. (same as item 13; suggest deleting item 10)	INPO		Closed
12				Closed

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13	There has been a request from <i>GoJ directly</i> to Pacific Northwest Labs for technical assistance with water decontamination and storage issues (this request is not being coordinated through the NRC. For further information please contact the PNNL Point of Contacts)	DOE/PNNL	PNNL Reps Onishi and Reid have arrived in Japan and are actively engaged with GOJ counterparts	Closed
21	Use of robotic devices (for rubble removal)	DOE; DOD; INPO (there is no action for INPO in this.) DOE poc S Golub, DOE-NE, J Tilden, DOE-NNSA	See above	Closed
26	Protective body shielding	??	requested by MISA and MOD	Closed

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Comments	Original Requesting Agency	Target Date	Date Needed
<p>This activity is awaiting authorization of commercial transport for SONGS and STP. Need decision on means of transporting Bruce hand/foot friskers. Dimensions of Hand and Foot Monitors are 26x56x29. Still looking into logistics on how items will be shipped. PACOM to forward process for using military shipping to Consortium members. Requests must be validated by GOJ for US Forces in Japan to act. The bi-lateral crisis action team (Col. Steve Towne/Gen. Krowl at DSN: 224-7717 or 7731</p>	GoJ, Mr. Hosono		
<p>First choice should be commercial carrier for timely delivery; should limit requests to materiel that is difficult for commercial carriers to deliver. GOJ will need to submit a formal request for use of military air for shipments. During the call, it was shared that there is no validated requirement from JT staff or GOJ and this is needed.</p>			

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NRC's PMT provided this info to the white house (NITOPS). The feedback was that NITOPS won't task NARAC to run analysis until approval is recived from the White House			
Clarification needed on what is requested. Suggest closing this item pending notification of a specific actionable request from GOJ.			
Already sharing raw data from AMS and the results. Models haven't been shared. Clarification needed between NARAC and Japanese POCs			
One detector has been loaned and training is being conducted with Japan on use of detectors (as told by Sal)			

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<p>INPO discussed in conference call they are in contact with Dr Robin Murphy, Texas A&M, a Disaster Assessment Expert in Robotics who has offered her services. (there is no action for INPO in this.) DOE poc S Golub, DOE-NE, J Tilden, DOE-NNSA DOE is handling Ground robotics and hardenedcameras only. UAVs and handhelds are seperate DOE is looking to send 1) Robotics expert and 2) camera's expert....plans are still in the making. Not clear if anyone reached out to Dr. Murphy of TX AM. Word is that INL did since that's where TALON and M2 are coming from. Westinghouse is also believed to have reached out to Dr. Murphy (R. Neilson)</p>			
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Follow up action with Japan. Handled seperately from Ground robotics and hardened cameras			
Alan Blamey will work with Japanese embassy officials to re-validate the need for this asset			
There is one train that is installed. There is no need for further trains. DOD has the appropriate guidance. Alan Blamey will work with Japanese embassy officials to re-validate the need for this asset R Neilson says that second train is in Australia. A. Blamey to determine from Embassy if still needed and to share with R. Neilson so that Bechtel and can be advised			
Industry had tablets available, but HHS had liquid tablets that they were to provide. A. Blamey to verify with GOJ. May be caught up in logistics. Coming from USAID and CDC			
A. Blamey to Verify with GOJ what is exactly needed in this request			

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On the Embassy list for tracking			
Develop recommendations for removal of water in basements of Units 1,2 and 3 per Task Traker #3235 S. Golub---Coordinatingwith Admiral Gregory's office. In early stages of planning.			
Develop recommendations for removal of water in basements of Units 1,2 and 3 per Task Tracker #3235			
(Secretary Chu reportedly told this to the Japanese) Holchovar- Toshiba may have this. Will inform on next call			

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<p>NRC has completed a gross analysis and does not have sufficient information to perform a detailed analysis for shielding. From Cabinet Office Crisis Management Team Meeting notes, 3/28/11 A. Blamey to discuss further with Japan</p>			
<p>R. Neilson will take the action of sourcing and get back to A. Blamey. A. Blamey will then provide to Ron Cherry and USAID team to cut request.....Reached out to J. Hubert (expert with DART) on follow-up actions.</p>			
	<p>GoJ, Mr. Hosono</p>		
	<p>GoJ, Mr. Hosono</p>		
<p>GoJ to establish need. Communicated to them that they are payers by Hochevar.</p>	<p>GoJ, Mr. Hosono</p>		

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	GoJ, Mr. Hosono		
	GoJ, Mr. Hosono		
	Westinghouse request		
	RST		

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<p>Tom Michener PNNL – DOE Laboratories in WA 509-375-2162</p> <p>Wayne Johnson, Division Director PNNL – DOE Laboratories in WA 509-372-4791</p>			
<p>Based on discussions with Embassy K- MAX is not needed</p>			
<p>Information provided on body shielding. The NRC is currently not procuring any body shielding. Alan Blamey will work with Japanese embassy officials to re- validate the need for this asset</p>			

From: LIA04 Hoc
Sent: Monday, April 04, 2011 8:37 AM
To: FOIA Response.hoc Resource
Subject: SL Desk 4/1/11 - 4/2/11
Attachments: FW: ACTION from White House; request to take action to respond to request for info from NY ; RE: FOIA folder copies of all emails; FOIA folder copies of all emails; RE: Questions for this afternoon's conference call; FW: Consortium Call 4111.doc; FW: Revised List Attached; Daily: 4 New Items from Friday, April 1, 2011; Ops Center State Liaison Turnover from 4/1/11 (2PM - 9PM EDT); FW: question from AZ; FYI: Minutes from the 4/1/11 6 PM EDT White House Briefing Call; RE: I-131 question from Ohio; 04/01/2011 Press Release: Task Force on Japan Events; RE: I-131 question from Ohio; RE: Questions for this afternoon's conference call; RE: I-131 question from Ohio; RE: Questions for this afternoon's conference call; FW: Questions for this afternoon's conference call; NEW TAC'S ASSOCIATED WITH SUPPORTING THE EVENTS IN JAPAN; Ops Center State Liaison Turnover from 4/1/11 (7AM - 2PM EDT); I-131 question from Ohio; FW: Update on DHEC actions and finding; RE: Population maps surrounding the nuclear power plants.; FW: Update on DHEC actions and finding; RE: Population maps surrounding the nuclear power plants.; FW: science facility in Japan; FW: science facility in Japan; RE: Briefing of NH Legislature on 04/04/11; FW: Technological Hazards Division, Daily Roster Japan Earthquake (JE) Team (April 3, 2011 to April 9, 2011); FW: EPZ Maps; RE: Briefing of NH Legislature on 04/04/11; RE: Japan Listserv: White House Briefing Call TOMORROW 6PM ET/3PM PT; FW: NOC Phase 1 - Awareness 0330-11 Update Report 46 - Earthquake - Tsunami - Japan (0600 EDT 1 Apr 11); Map changes; RE: Briefing of NH Legislature on 04/04/11; RE: Briefing of NH Legislature on 04/04/11; RE: Japan Listserv: White House Briefing Call TOMORROW 6PM ET/3PM PT; RE: Japan Listserv: White House Briefing Call TOMORROW 6PM ET/3PM PT

From: LIA02 Hoc
Sent: Monday, April 04, 2011 9:07 AM
To: LIA04 Hoc; LIA08 Hoc

<http://www.tepco.co.jp/en/index-e.html>

From: LIA04 Hoc
Sent: Monday, April 04, 2011 9:08 AM
To: Tift, Doug; McNamara, Nancy
Cc: LIA06 Hoc; LIA08 Hoc; OST05 Hoc
Subject: FW: Emailing: TEPCO Press Release Plant Status of Fukushima Daiichi Nuclear Power Station (as of 600 PM, April 3).htm
Attachments: image002.png; image003.png; image004.gif; image005.png; image006.png; image007.gif; image008.png; FW: Questions for this afternoon's conference call

Doug and Nancy,

To close the loop on your e-mail from last Friday, I have highlighted a bullet from a TEPCO press release that answers your question. For future reference, the link to TEPCO is <http://www.tepco.co.jp/en/index-e.html> .

Regards,
Cindy

Cindy Flannery
State Liaison – Liaison Team
Incident Response Center
301-816-5193
LIA04.HOC@nrc.gov

From: LIA02 Hoc
Sent: Monday, April 04, 2011 8:56 AM
To: LIA04 Hoc; LIA06 Hoc; LIA08 Hoc
Subject: Emailing: TEPCO Press Release Plant Status of Fukushima Daiichi Nuclear Power Station (as of 600 PM, April 3).htm

Press Releases

Press Release (Apr 03,2011)
Plant Status of Fukushima Daiichi Nuclear Power Station (as of 6:00 PM, April 3)

Updates are underlined

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

Unit 1 (Shut down)

-Explosive sound and white smoke were confirmed after the big quake occurred at 3:36 pm on March 12th. It was assumed to be hydrogen explosion.

-At approximately 2:30 am on March 23rd, seawater injection to the nuclear

- reactor through the feed water system was initiated.
- At approximately 10:50 am on March 24th, white fog-like steam arising from the roof part of the reactor building was observed.
 - We had been injecting seawater into the reactor, but from 3:37 pm on March 25th, we started injecting freshwater.
 - We had been injecting fresh water to the reactor using fire engines; however we switched over utilizing temporary electrical pump at 8:32 am on March 29th.
 - Some of turbine building lights were turned on April 2nd.
 - We injected fresh water to the reactor by a temporary motor driven pump, but, from 10:42am to 11:52am on April 3rd we temporarily switched the pump to the fire fighting pump to inject fresh water to use power through off-site transmission line. We're now injecting fresh water to the reactor by a motor driven pump powered by off-site transmission line.

Unit 2 (Shut down)

- At approximately 6:00 am on March 15th, an abnormal noise began emanating from nearby Pressure Suppression Chamber and the pressure within the chamber decreased.
- We have been injecting seawater into the reactor, but from 10:10 am on March 26th, we started injecting freshwater (with boric acid).
- We had been injecting fresh water in to the reactor utilizing fire pump, however, we switched over to utilizing temporary electrical pump from 6:31 pm on March 27th.
- Some of turbine building lights were turned on April 2nd.
- We injected fresh water to the reactor by a temporary motor driven pump, but, from 10:22am to 0:06pm on April 3rd, we temporarily switched the pump to the fire fighting pump to inject fresh water to use power through off-site transmission line. We're now injecting fresh water to the reactor by a motor driven pump powered by off-site transmission line.

Unit 3 (Shut down)

- Explosive sound and white smoke were confirmed at 11:01am March 14th. It was assumed to be hydrogen explosion.
- We had been injecting seawater into the reactor pressure vessel, but from 6:02 pm on March 25th, we started injecting freshwater.
- We had been injecting fresh water in to the reactor utilizing fire pump, however, we switched over to utilizing temporary electrical pump from 8:30 pm on March 28th.
- Some of turbine building lights were turned on April 2nd.
- We injected fresh water to the reactor by a temporary motor driven pump, but, from 10:03am to 0:16pm on April 3rd, we temporarily switched the pump to the fire fighting pump to inject fresh water to use power through off-site transmission line. We're now injecting fresh water to the reactor by a motor driven pump powered by off-site transmission line.

Unit 4 (outage due to regular inspection)

- At approximately 6 am on March 15th, we confirmed the explosive sound and the sustained damage around the 5th floor rooftop area of the Nuclear Reactor Building.
- Some of turbine building lights were turned on March 31st .
- At this moment, we do not consider any reactor coolant leakage inside the reactor happened.

Unit 5 (outage due to regular inspection)

- Sufficient level of reactor coolant to ensure safety is maintained.
- At 5 am, March 19th, we started the Residual Heat Removal System Pump (C) in order to cool the spent fuel pool.
- At 2:30 pm, March 20th, the reactor achieved reactor cold shutdown. At around 5:24 pm on March 23rd, when we switched the temporary Residual Heat Removal System Seawater Pump, it has stopped automatically. At around 4:14 pm, March 24th we replaced the pump, and restarted cooling of

reactor at around 4:35 pm.

-At this moment, we do not consider any reactor coolant leakage inside the reactor happened.

Unit 6 (outage due to regular inspection)

-Sufficient level of reactor coolant to ensure safety is maintained.

-At 10:14 pm, March 19th, we started the Residual Heat Removal System Pump (B) of Unit 6 in order to cool the spent fuel pool.

-At 7:27 pm, March 20th, the reactor achieved reactor cold shutdown.

-In relation to the two seawater side pumps of the Residual Heat Removal System, we switched the power source from temporary to permanent at 3:38 PM and 3:42PM, Mar 25 respectively.

-At this moment, we do not consider any reactor coolant leakage inside the reactor happened.

Today's work for cooling the spent fuel pools

-Water spray by the concrete pump truck to Unit 4 started at 5:14 pm.

-We are considering further spraying subject to the conditions of spent fuel pools.

Draining water from underground floor of turbine buildings

-In regard with transferring water from a condensate storage tank to a suppression pool water surge-tank in unit 1, the work began at 1:55 pm April 3rd.

-Water transfer from a condenser to a condensate storage tank in unit 2, began at approximately 5:10 pm, April 2nd.

Casualties

-Presence of 2 TEPCO employees at the site is not confirmed on March 11th.

-On March 24th, it was confirmed that 3 workers from cooperative companies who were in charge of cable laying work in the 1st floor and the underground floor of turbine building were exposed to the radiation dose of more than 170 mSv. 2 of them were confirmed that their skins on legs were contaminated. After they were decontaminated, since there was a possibility of beta ray burn injury, they were transferred to Fukushima Medical University Hospital. The third worker was also transferred to Fukushima Medical University Hospital on March 25th. Later, the 3 workers were transferred to National Institute of Radiological Sciences in Chiba Prefecture. They all left the hospital on March 28th.

Regarding this event, TEPCO has reported to the related government ministries and agencies on measures to be taken to assure appropriate radiation dose control and radiation exposure related operations.

We will inform the related parties of countermeasures and continue to take all possible measures to future management.

Others

-We measured radioactive materials (iodine etc.) inside of the nuclear power station area (outdoor) by monitoring car and confirmed that radioactive materials level is getting higher than ordinary level. As listed below, we have determined that specific incidents stipulated in article 15, clause 1 of Act on Special Measures Concerning Nuclear Emergency Preparedness (Abnormal increase in radiation dose measured at site boundary) have occurred.

- Determined at 4:17 pm Mar 12th (Around Monitoring Post 4)
- Determined at 8:56 am Mar 13th (Around Monitoring Post 4)
- Determined at 2:15 pm Mar 13th (Around Monitoring Post 4)
- Determined at 3:50 am Mar 14th (Around Monitoring Post 6)
- Determined at 4:15 am Mar 14th (Around Monitoring Post 2)
- Determined at 9:27 am Mar 14th (Around Monitoring Post 3)
- Determined at 9:37 pm Mar 14th (Around main entrance)
- Determined at 6:51 am Mar 15th (Around main entrance)
- Determined at 8:11 am Mar 15th (Around main entrance)

- Determined at 4:17 pm Mar 15th (Around main entrance)
- Determined at 11:05 pm Mar 15th (Around main entrance)
- Determined at 8:58 am Mar 19th (Around MP5)

From now on, if the measured figure fluctuates and goes above and below 500 micro Sv/h, we deem that as the continuous same event and will not regard that as a new specific incidents stipulated in article 15, clause 1 of the Act on Special Measures Concerning Nuclear Emergency Preparedness (Abnormal increase in radiation dose measured at site boundary) has occurred. In the interim, if we measure a manifestly abnormal figure and it is evident that the event is not the continuous same event, we will determine and notify.

- The national government has instructed evacuation for those local residents within 20km radius of the periphery and evacuation to inside for those residents from 20km to 30km radius of the periphery, because it is possible that radioactive materials are discharged.
 - At around 10:37 am March 21st, water spraying to common spent fuel pool and finished at 3:30 pm (conducted by TEPCO).
 - At around 3:37 pm, March 24th, electricity supply to common spent fuel pool has started from external power source. At around 6:05 pm, fuel pool cooling pump was started to cool the pool.
 - We found no signs of abnormal situation for the casks by visual observation during the patrol activity. A detailed inspection is under preparation.
 - At Units 5 and 6, in order to prevent hydrogen gas from accumulating within the buildings, we have made three holes on the roof of the reactor building for each unit.
 - In total 12 fire engines are lent for the water spraying to the spent fuel pools and water injection to the nuclear reactors by various regional fire departments' as well as Tokyo Fire Department. Also, instruction regarding the setting and operation of large scale decontamination system was provided by Niigata City Fire Headquarter and Hamamatsu City Fire Headquarter.
 - *: Koriyama Fire Department, Iwaki Fire Brigade Headquarters, Fire Headquarters of Sukagawa District Wide Area Fire-fighting Association, Yonezawa City Fire Headquarters, Utsunomiya City Fire Headquarters, Fire Headquarters of Aizu-Wakamatsu wide area municipal association, Saitama City Fire Bureau, and Niigata City Fire Bureau.
 - By March 22nd, Units 1 through 6 were started to be energized from the external power source.
 - At around 11:35 am April 1st, a worker fell into the sea when he got into a barge of the U.S. Forces to repair a hose of the ship. The worker was rescued immediately, and was not injured and not contaminated. The worker will be checked using the whole-body counter to ensure his health.
 - The second barge of the U.S. Forces with freshwater to be used to cool down the reactors etc. was towed by a ship of Maritime Self-Defense Force and came alongside the pier at 9:10 am on April 2nd. We began to replenish the filtrate tanks with water of a barge (the first barge) at around 10:20 am on April 2nd and continued until 4:40 pm.
 - We began to transfer fresh water from the second barge to the first barge on April 3rd at 9:52 am and continued until 11:15 am on April 3rd.
 - We also began to transfer the radioactive water we collected from the building of Radioactive Waste Treatment Facilities to the Unit 4 turbine building.
 - Today at around 9:30 am, we detected water containing radiation dose over 1,000 mSv/h in the pit* where supply cables are stored near the intake channel of Unit 2. Furthermore, there was a crack about 20 cm on the concrete lateral of the pit, from where the water in the pit was out flowing. (We already informed.) During the same day, we injected fresh concrete to the pit, but we could not observe a reduction in the amount of water spilling from the pit to the sea.
- Therefore, we considered that a new method of stopping the water and

determined to use the polymer. Necessary equipment and experts of water shutoff will be dispatched to the site and after checking the condition, we're doing continuous work to stop water by injecting polymer(April 3rd).

- Monitoring posts of No. 1 ?No.8 set up near the boundary of power station area have been restored. We will periodically monitor the data and announce the results of monitoring.
- We will continue to take all measures to ensure the safety and to continue monitoring the surrounding environment around the Power Station.

Elect. Dept.

From: LIA04 Hoc
Sent: Monday, April 04, 2011 2:07 PM
To: Easson, Stuart; Flannery, Cindy; LIA04 Hoc; Lukes, Kim; Maupin, Cardelia; Noonan, Amanda; OST05 Hoc; Rautzen, William; Rivera, Alison; Ryan, Michelle; Turtill, Richard; Virgilio, Rosetta
Subject: Ops Center State Liaison Turnover from 4/4/11 (7AM - 2PM EDT)

Changes based on the Monday, April 3rd morning shift are in blue.

Summary of State Liaison Team from 4/3/11 7AM-2PM SHIFT:

Flagged Inbox Emails require additional attention. Also, RST and PMT have asked that if we are forwarding requests for information/action from them to please enter it in the task tracker system as well.

A response to questions on Japanese ISFSIs from NY through RI RSLO (4/1/11, 2:06 pm) was provided to RI. This item was closed in the task tracker (Task No. 3661). No further action is required.

All incoming e-mails from Friday, April 1 through Sunday, April 3 was forwarded to FOIAResponse.hoc@nrc.gov.

FYI – The 11:00 am M/W/F call lead by HHS (ESF-8 Conference Call) has been changed to Tuesdays and Fridays.

Ongoing Request from EPA:

NOTE: NRC has NOT released a RIS and is still referring all questions to EPA.

EPA is not collecting information/data from the States. If States have questions regarding radiation data in the United States they should go to : <http://www.epa.gov/japan2011/>. There are Q&A on EPA's web site if the States have further questions.

Ongoing action for FOIA request information gathering:

LT Coordinator asked SL Desk to forward all Inbox messages to FOIAResponse.hoc@nrc.gov. (This should populate when you start typing.)

During AM shift, please forward all Inbox emails from preceding day(s). (Monday, 04/04/11, forward 04/01/11-04/03/11 messages.)

- To forward multiple messages, highlight messages to be forwarded and right click, selecting "Forward Items."
- Include the origin and date of emails in the subject line when sending (for example, "SL Desk 03/16-03/17/11").

Current Actions

- No Current Actions due from this shift. See "Follow-up Actions" for pending issues.
- FYI- Heads up email on misleading HLS Newswire article – no action, but M. Weber has requested a "For the Record" news article or blog in response - when we get one send to RSLO's – however we have not heard from any States about this.

Follow-up Actions

- 03/31/11 evening shift – SL Received inquiry from RIII RSLO H. Logaras regarding FEMA issued EPZ maps. The following questions were asked:
 - o Is it appropriate to depict permanently shut down plants like Zion, Big Rock, LaCrosse and Trojan as having 10 and 50-mile EPZ's?
 - o I think the LaCrosse plant is in western Wisconsin rather than central Kansas, and is anything at all left a Trojan?

FEMA is inquiring with HQ and awaiting response (expects new maps tomorrow that do not include decommissioned plants). – Per e-mail sent by FEMA Liaison on 11:31 a.m. on 4/1, waiting for FEMA Headquarters to provide new maps that show accurate EPZ population numbers and only show operating plants.

From: Turtill, Richard
Sent: Monday, April 04, 2011 5:59 PM
To: LIA04 Hoc
Subject: RE: Anticipating a question ahead of the End of Cycle Meeting

Thanks! Keep it up.

rich

From: LIA04 Hoc
Sent: Monday, April 04, 2011 5:29 PM
To: Turtill, Richard
Subject: RE: Anticipating a question ahead of the End of Cycle Meeting

I've gotten some info that Holly Harrington has already created a "canned" response to this question. Hopefully she will get back to me shortly.

From: Turtill, Richard
Sent: Monday, April 04, 2011 4:16 PM
To: LIA04 Hoc
Cc: Virgilio, Rosetta; McGrady-Finneran, Patricia; Logaras, Harral
Subject: RE: Anticipating a question ahead of the End of Cycle Meeting

Have you shared this with the RST? I'd walk it over there and engage in some dialogue (as opposed to e-mailing it.) See what is suggested. Also, remind me: who is the Prairie Island PM here at HQ? Harral / Allan will know the answer. Probably on Harral's cc. Might benefit from giving him a call and/or e-mailing him, too.

Rich
415-2308

From: LIA04 Hoc
Sent: Monday, April 04, 2011 3:50 PM
To: Turtill, Richard
Subject: FW: Anticipating a question ahead of the End of Cycle Meeting

Rich,

Can you point this request in the right direction?

From: Logaras, Harral
Sent: Monday, April 04, 2011 3:16 PM
To: LIA04 Hoc
Cc: Plasse, Richard; Wrona, David; Keegan, Elaine; Zurawski, Paul; Barker, Allan; Heck, Jared
Subject: Anticipating a question ahead of the End of Cycle Meeting

Dear State Liaison,

Between April 4, 2011 and April 14, 2011 we are holding four End of Cycle public meetings and next week we are holding one for the Prairie Island Nuclear Generating Plant. In preparation for that activity, I would like to ask if we have developed a response to a line of questioning such as the following.

Will (or How will) the events in Japan affect license renewal for Prairie Island?

Thank you for your attention.

Sincerely,

Harral Logaras
U. S. NRC Region III
Regional Government Liaison
630-829-9659

Link to the *Award Winning* NRC Information Digest <http://www.nrc.gov/reading-rm/doc-collections/nuregs/staff/sr1350/v22/sr1350v22.pdf>

Link to NRC Fact Sheets and Brochures <http://www.nrc.gov/reading-rm/doc-collections/fact-sheets/>

From: LIA04 Hoc
Sent: Monday, April 04, 2011 6:37 PM
To: Logaras, Harral
Cc: Turtill, Richard; OST05 Hoc; LIA04 Hoc
Subject: RE: Anticipating a question ahead of the End of Cycle Meeting

Harral,

Thank you for your question. To let you know, I looked (unsuccessfully) in the NRR SharePoint FAQ database then forwarded your message to both the RST and to Holly Harrington (who I was told may have already crafted wording to a similar question). If I don't get a response back this evening, I will be sure to mention this in the turnover update for the morning shift.

Regards,
Stuart Easson
State Liaison – Liaison Team
Incident Response Center
301-816-5193
LIA04.HOC@nrc.gov

From: Logaras, Harral
Sent: Monday, April 04, 2011 3:16 PM
To: LIA04 Hoc
Cc: Plasse, Richard; Wrona, David; Keegan, Elaine; Zurawski, Paul; Barker, Allan; Heck, Jared
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Dear State Liaison,

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Link to NRC Fact Sheets and Brochures <http://www.nrc.gov/reading-rm/doc-collections/fact-sheets/>

From: LIA04 Hoc
Sent: Monday, April 04, 2011 8:54 PM
To: LIA04 Hoc; Easson, Stuart; Flannery, Cindy; Lukes, Kim; Maupin, Cardelia; Noonan, Amanda; OST05 Hoc; Rautzen, William; Rivera, Alison; Ryan, Michelle; Turtill, Richard; Virgilio, Rosetta; OST05 Hoc
Subject: Ops Center State Liaison Turnover from 4/4/11 (2PM-9PM EDT)

Open action items from 4/4/11 evening shift

An email was received from Harral at 3:16PM asking if the NRC has crafted talking points regarding how the events in Japan affect license renewal for Prairie Island. The request was sent to the RST and PA (Holly Harrington) who is thought to have crafted language previously on this question. No response has yet been received from either the RST or PA. Morning shift, please follow up and get back to Harral Logaras.

Summary of State Liaison Team from 4/3/11 7AM-2PM SHIFT:

Flagged Inbox Emails require additional attention. **Also, RST and PMT have asked that if we are forwarding requests for information/action from them to please enter it in the task tracker system as well.**

A response to questions on Japanese ISFSIs from NY through RI RSLO (4/1/11, 2:06 pm) was provided to RI. This item was closed in the task tracker (Task No. 3661). No further action is required.

All incoming e-mails from Friday, April 1 through Sunday, April 3 was forwarded to FOIAResponse.hoc@nrc.gov.

FYI – The 11:00 am M/W/F call lead by HHS (ESF-8 Conference Call) has been changed to Tuesdays and Fridays.

Ongoing Request from EPA:

NOTE: NRC has NOT released a RIS and is still referring all questions to EPA.

EPA is not collecting information/data from the States. If States have questions regarding radiation data in the United States they should go to : <http://www.epa.gov/japan2011/>. There are Q&A on EPA's web site if the States have further questions.

Ongoing action for FOIA request information gathering:

LT Coordinator asked SL Desk to forward all Inbox messages to FOIAResponse.hoc@nrc.gov. (This should populate when you start typing.)

During AM shift, please forward all Inbox emails from preceding day(s). (Monday, 04/04/11, forward 04/01/11-04/03/11 messages.)

- To forward multiple messages, highlight messages to be forwarded and right click, selecting "Forward Items."
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Current Actions

- No Current Actions due from this shift. See "Follow-up Actions" for pending issues.
- FYI- Heads up email on misleading HLS Newswire article – no action, but M. Weber has requested a "For the Record" news article or blog in response - when we get one send to RSLO's – however we have not heard from any States about this.

Follow-up Actions

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 - o Is it appropriate to depict permanently shut down plants like Zion, Big Rock, LaCrosse and Trojan as having 10 and 50-mile EPZ's?
 - o I think the LaCrosse plant is in western Wisconsin rather than central Kansas, and is anything at all left a Trojan?

FEMA is inquiring with HQ and awaiting response (expects new maps tomorrow that do not include decommissioned plants). – Per e-mail sent by FEMA Liaison on 11:31 a.m. on 4/1, waiting for FEMA Headquarters to provide new maps that show accurate EPZ population numbers and only show operating plants.

From: Maier, Bill
Sent: Monday, April 04, 2011 9:24 PM
To: LIA04 Hoc; Turtill, Richard; Virgilio, Rosetta
Cc: Shannon, Michael; Elkmann, Paul; Howell, Art; Howell, Linda; Collins, Elmo; Vegel, Anton; Fiore, Craig; Easson, Stuart
Subject: FW: County Health Officer Contact Request

I contacted the Ventura County Health Officer named below on March 30th and discussed the general principles of 10 mile and 50 mile emergency planning zones. I avoided any discussion of what doses would be in his county for a Diablo Canyon worst case condition release scenario.

He had evidently thought a great deal about whether or not a Fukushima or Chernobyl scenario could have an impact on Ventura Co. if it occurred at Diablo Canyon. One design area that I touched on was the general differences between US commercial nuclear reactors and the Soviet RBMK design (graphite vs. water moderator and containment design).

His most pressing question was whether or not he needed to have some sort of EP planning basis (e.g., canned public messages). I identified the State of California as a valuable partner to consult in making that decision, given the state's role of providing protective action recommendations to the potentially affected counties. I also advised that Ventura county contact the power plant staff to get as much information from them to make an informed decision of whether or not to adopt some preliminary planning features in the event of a release of radioactive material from the Diablo Canyon power plant.

I provided contact information for a manager in CA Emergency Management Agency and the offsite emergency planner at Diablo Canyon Nuclear Power Plant. The power plant emergency planner informed me that she and a San Luis Obispo County official planned for an upcoming visit with Ventura County Health Dept. to conduct further discussions.

This should close out the final action for this request on the FSME SharePoint site.

Bill Maier

From: ralsop@co.slo.ca.us [mailto:ralsop@co.slo.ca.us]
Sent: Sunday, March 20, 2011 6:33 PM
To: Maier, Bill
Subject: County Health Officer Contact Request

Hi, Bill -

I do not know what entity to request this of however PG&E suggested the NRC, which seems appropriate and the only entity I can think of to refer this to ... The Ventura County Public Health Officer called with questions regarding the impact on Ventura County from an accident at Diablo Canyon. I explained the EPZ, our related plans, no anticipated effect on Ventura County as foreseen but never-say-never, he asked about specific scenarios, including if all barriers are removed and their is release, etc. When he got to that point I could no longer help him - he asked if there are people who do know the answer to a scenario of a release with no plant barriers remaining. Can you have someone give him a call???? ???

His contact info: Bob Levin, County Health Officer, Ventura County; (805) 444-2408 or (805) 794-1565 or (805) 646-9086.

Thank you, Bill.

Ron

Ron Alsop
Principal Administrative Analyst
Emergency Services Manager
(805) 781-5011

[Scanned @co.slo.ca.us]

From: LIA04 Hoc
Sent: Tuesday, April 05, 2011 7:33 AM
To: FOIA Response.hoc Resource
Subject: SL Desk 4/4/11
Attachments: FW: Link to Good Photos of the Fukushima Daiichi Site. Note the location of the fire trucks; RE: IMPORTANT: 2011 Japan Response State Coordination Conference Call (formerly ASTHO call) Changes; FW: Anticipating a question ahead of the End of Cycle Meeting; FW: County Health Officer Contact Request; Daily: 5 New Items from Monday, April 4, 2011; Ops Center State Liaison Turnover from 4/4/11 (2PM-9PM EDT); RE: Anticipating a question ahead of the End of Cycle Meeting; FW: IMPORTANT: 2011 Japan Response State Coordination Conference Call (formerly ASTHO call) Changes; RE: Anticipating a question ahead of the End of Cycle Meeting; FW: State Coordination Conference Calls (formerly the "ASTHO" calls) ; Test (eom); RE: Anticipating a question ahead of the End of Cycle Meeting; Anticipating a question ahead of the End of Cycle Meeting; IMPORTANT: 2011 Japan Response State Coordination Conference Call (formerly ASTHO call) Changes; Ops Center State Liaison Turnover from 4/4/11 (7AM - 2PM EDT); Untitled; Emailing: TEPCO Press Release Plant Status of Fukushima Daiichi Nuclear Power Station (as of 600 PM, April 3).htm

Forwarding e-mails in the In-box from 4/4/11.

From: LIA04 Hoc
Sent: Tuesday, April 05, 2011 8:36 AM
To: RST01 Hoc
Subject: RE: Anticipating a question ahead of the End of Cycle Meeting

I am just following up on the status of this request.

Thanks,

Kim Lukes
State Liaison
NRC HQ Operations Center
301-816-5193

From: RST01 Hoc
Sent: Monday, April 04, 2011 9:32 PM
To: LIA04 Hoc
Subject: FW: Anticipating a question ahead of the End of Cycle Meeting

Per our discussion ~1800 on 4/4, I sent the request to Brian Holian, Director of Division of License Renewal, NRR for review.

From: RST01 Hoc
Sent: Monday, April 04, 2011 8:09 PM
To: Holian, Brian
Subject: FW: Anticipating a question ahead of the End of Cycle Meeting

Brian,

The question below from the Region III government liaison seems like something for DLR to answer. I could give the canned answer that I've seen below, but I thought you might want to have your division comment.

The U.S. nuclear energy industry and the Nuclear Regulatory Commission will analyze the events at Fukushima Daiichi, identify lessons learned and incorporate those lessons, as appropriate, into the design and operation of U.S. nuclear power plants.

The U.S. industry routinely incorporates lessons learned from operating experience into its reactor designs and operations. For example, as a result of the 1979 accident at Three Mile Island, the industry learned valuable lessons about hydrogen accumulation inside containment. After Three Mile Island, many boiling water reactors implemented a modification referred to as a hardened vent or direct vent. This allows the plant to vent primary containment via high pressure piping. This precludes over-pressurization of containment.

Thanks,

Brett
RST Coordinator

From: Logaras, Harral
Sent: Monday, April 04, 2011 3:16 PM
To: LIA04 Hoc
Cc: Plasse, Richard; Wrona, David; Keegan, Elaine; Zurawski, Paul; Barker, Allan; Heck, Jared
Subject: Anticipating a question ahead of the End of Cycle Meeting

Dear State Liaison,

Between April 4, 2011 and April 14, 2011 we are holding four End of Cycle public meetings and next week we are holding one for the Prairie Island Nuclear Generating Plant. In preparation for that activity, I would like to ask if we have developed a response to a line of questioning such as the following.

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U. S. NRC Region III
Regional Government Liaison
630-829-9659

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Link to NRC Fact Sheets and Brochures <http://www.nrc.gov/reading-rm/doc-collections/fact-sheets/>

From: Harrington, Holly
Sent: Tuesday, April 05, 2011 9:14 AM
To: LIA04 Hoc
Cc: Turtill, Richard; OST05 Hoc
Subject: RE: Anticipating a question ahead of the End of Cycle Meeting

As far as I know, HQ has not created responses to questions specific to license renewal at individual plans. I've cc'd Vika, from Region III, to see if she has written something up.

In the meantime, I'll see if we can generate a generic response to relicensing questions.

From: LIA04 Hoc
Sent: Monday, April 04, 2011 5:28 PM
To: Harrington, Holly
Cc: Turtill, Richard; OST05 Hoc
Subject: FW: Anticipating a question ahead of the End of Cycle Meeting

Holly,

After unsuccessfully looking through the NRR SharePoint FAQ database, I was told you may have created a response to the question below.

Stuart Easson
State Liaison – Liaison Team
Incident Response Center
301-816-5193
LIA04.HOC@nrc.gov

From: Logaras, Harral
Sent: Monday, April 04, 2011 3:16 PM
To: LIA04 Hoc
Cc: Plasse, Richard; Wrona, David; Keegan, Elaine; Zurawski, Paul; Barker, Allan; Heck, Jared
Subject: Anticipating a question ahead of the End of Cycle Meeting

Dear State Liaison,

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U. S. NRC Region III
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630-829-9659

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Link to NRC Fact Sheets and Brochures <http://www.nrc.gov/reading-rm/doc-collections/fact-sheets/>

From: Turtill, Richard
Sent: Tuesday, April 05, 2011 9:39 AM
To: LIA04 Hoc
Subject: RE: IMPORTANT: 2011 Japan Response State Coordination Conference Call (formerly ASTHO call) Changes

Thanks.

From: LIA04 Hoc
Sent: Tuesday, April 05, 2011 9:32 AM
To: Turtill, Richard; LIA06 Hoc
Cc: Cool, Donald; Piccone, Josephine; Jackson, Deborah; Virgilio, Rosetta; Ryan, Michelle; Arribas-Colon, Maria; Cuadrado, Leira; Flannery, Cindy; Easson, Stuart; Rivera, Alison; Noonan, Amanda; LIA08 Hoc; LIA01 Hoc; LIA11 Hoc; Hoc, PMT12; ET05 Hoc; ET01 Hoc; ET07 Hoc
Subject: RE: IMPORTANT: 2011 Japan Response State Coordination Conference Call (formerly ASTHO call) Changes

I spoke to PMT and was informed that Scott Flanders, the PMT Director, and/or Steve LaVie, PMT RAAD, will participate.

From: Turtill, Richard
Sent: Tuesday, April 05, 2011 9:18 AM
To: LIA06 Hoc
Cc: LIA04 Hoc; Cool, Donald; Piccone, Josephine; Jackson, Deborah; Virgilio, Rosetta; Ryan, Michelle; Arribas-Colon, Maria; Cuadrado, Leira; Flannery, Cindy; Easson, Stuart; Rivera, Alison; Noonan, Amanda; LIA08 Hoc; LIA01 Hoc; LIA11 Hoc; Hoc, PMT12; ET05 Hoc; ET01 Hoc; ET07 Hoc
Subject: RE: IMPORTANT: 2011 Japan Response State Coordination Conference Call (formerly ASTHO call) Changes

Liaison Team Director:

Do we have an NRC name for tonight's call. Note, too, that DOE is not on tonight's agenda.

Rich

From: LIA06 Hoc
Sent: Monday, April 04, 2011 9:43 PM
To: Turtill, Richard
Cc: LIA04 Hoc; Cool, Donald; Piccone, Josephine; Jackson, Deborah; Virgilio, Rosetta; Ryan, Michelle; Arribas-Colon, Maria; Cuadrado, Leira; Flannery, Cindy; Easson, Stuart; Rivera, Alison; Noonan, Amanda; LIA08 Hoc; LIA01 Hoc; LIA11 Hoc; Hoc, PMT12; ET05 Hoc; ET01 Hoc; ET07 Hoc
Subject: RE: IMPORTANT: 2011 Japan Response State Coordination Conference Call (formerly ASTHO call) Changes

Rich,

I spoke to the ET Director and we agreed that the PMT Director should sit in on these calls to give any status and priority information which is in the NRC's purview. As such, the PMT Director may not be able to fill 2 minutes but maybe 15-30 seconds after others have spoken, such as DOE since they have the lead to communicate information to the states regarding monitoring radiation heading toward or over the US. I have discussed this with the PMT and they are adding it to their list of calls to support. PMT has been listening in to these calls.

Liaison Team Director
U.S. Nuclear Regulatory Commission

Operations Center

From: Turtill, Richard

Sent: Monday, April 04, 2011 6:27 PM

To: LIA06 Hoc; LIA08 Hoc; LIA01 Hoc; LIA11 Hoc

Cc: LIA04 Hoc; Cool, Donald; Piccone, Josephine; Jackson, Deborah; Virgilio, Rosetta; Ryan, Michelle; Arribas-Colon, Maria; Cuadrado, Leira; Flannery, Cindy; Easson, Stuart; Rivera, Alison; Noonan, Amanda

Subject: FW: IMPORTANT: 2011 Japan Response State Coordination Conference Call (formerly ASTHO call) Changes

Importance: High

Liaison Directors:

I received this this afternoon. I had earlier called CDC/HHS and identified myself as the briefer for NRC for Tuesday based on another, separate scheduling invitation. Now, I see guidance below for tomorrow night's call (and for Thursday's call, too), specifically: "**Tuesday: Strategic Call for Health Officials**

Federal agencies should **designate a senior policy official to provide a brief TWO minute update during this call**. The senior federal official should list current agency priorities; priorities on the horizon, and topics for which State/local input is being sought. The purpose of the Tuesday call is to provide a high level update to state and local partners and encourage **policy-level strategic** information sharing and discussion.

Thursday: Tactical/operational Call for Health Officials

The purpose of the Thursday call is to update state and local partners while encouraging **operational/technical discussion** and information sharing. The primary audience for this call includes representatives from ASTHO, Directors of Public Health Preparedness, Radiation Officers, Environmental Directors, Laboratory Directors, and Public Information Officers. **Please designate a Subject Matter Expert from your agency to provide a brief update during this call.**

This being said, **I believe someone else should be assigned to speak for NRC at the Tuesday and Thursday calls this week as I'm neither a Senior Policy Official nor a Subject Matter Expert at the NRC.**

Rich Turtill

From: CDC IMS State Coordination Task Force [mailto:eocstatecoord@cdc.gov]

Sent: Monday, April 04, 2011 2:38 PM

To: donna.weise@dhs.gov; Turtill, Richard; Ryan, Michelle; LIA04 Hoc; OST05 Hoc; Browder, Rachel;

Tupin.Edward@epamail.epa.gov; Bowles.Jack@epamail.epa.gov; KEVIN.Mcaleenan@dhs.gov; Blumenstock, Jim (CDC astho.org); Herrmann, Jack (CDC naccho.org); Lurie, Nicole (OS); Yeskey, Kevin (OS); Kaplowitz, Lisa (OS); Natarajan, Nitin (OS); Vineyard, Michael (OS); Michael, Gretchen (OS); Marinissen, Maria Julia (OS); Sanders, Melissa (OS); Fowler, Erin (OS); Sizemore, Tom (OS); Ball, Harvey J. (OS); Forsha, Joseph D. (OS); Bratcher Bowman, Nikki (OS); Russell, Elizabeth B. (ACF); White, Jonathan D. (ACF); Sadovich, Juliana (ACF); Jones, Robin (ACF); Allred, Phillip M. (Mike) (CDC/ONDIEH/NCEH); Talbert, Todd (CDC/OPHPR/DSLRL); Bryant, Jeffrey (Jeff) (CDC/OPHPR/DSLRL); Stevens, Sheila (ATSDR/OPPE); 2011 Japan Earthquake (CDC); CDC IMS Current Ops Lead -2; Boedigheimer, Steven F. (CDC/OPHPR/DSLRL); Bushong, Erica L. (CDC/OPHPR/DSLRL); Rogers, Barbara A. (CDC/OD/OADP); Doan, Stephanie (CDC/ONDIEH/NCEH); Marrone, Ashley A. (CDC/OID/NCEZID); Davis, Mark A. (CDC/ONDIEH/NCIPC); Jackson, Leeanne (FDA/CFSAN/OCD); Russo, Mark R. (FDA/OC/OCTC); Verbeten, John E. (FDA/ORO/ORO); El Hinnaway, Patricia (OS/OPEO); Howard King, Vinetta M. (FDA/OC/OCTC); Leblanc, Pamela (FDA/CFSAN/OCD); Delancey, Siobhan M. (FDA/OC/OEXA); Muldoon, Molly V. (FDA/OC); Mcdermott, Catherine M. (FDA/ORO/ORO); Karol, Susan (IHS/HQ); Mahon, John (IHS/HQ); Spear, Terri (SAMHSA); Carolyn Hanson

Cc: CDC IMS State Coordination -2

Subject: IMPORTANT: 2011 Japan Response State Coordination Conference Call (formerly ASTHO call) Changes

Importance: High

Dear Federal Partner:

Important Change: The structure for the 2011 Japan Earthquake **Tuesday/Thursday State Coordination Conference Calls** (formerly the “ASTHO” calls) has changed. The new call structure will allow for approximately 30 minutes for brief updates from federal agencies and 30 minutes for questions and answers from participants. Please see below for specific information about each call and a request for the name of the point of contact for your agency who will participate and be responsible for assuring participation by your agency.

Tuesday: Strategic Call for Health Officials

Federal agencies should **designate a senior policy official to provide a brief TWO minute update during this call.** The senior federal official should list current agency priorities; priorities on the horizon, and topics for which State/local input is being sought. The purpose of the Tuesday call is to provide a high level update to state and local partners and encourage **policy-level strategic** information sharing and discussion. The primary audience for this call includes State Health Officials (ASTHO members), National Alliance for Radiation Readiness (NARR), officials from the Environmental Council of States (ECOS), and the National Public Health Information Coalition (NPHIC).

Each Federal agency representative will have approximately 2 minutes to provide an initial update during the Tuesday call. State/local questions will enable more discussion of the points shared by the federal agencies.

The purpose of the Tuesday call is to share strategic direction and flag issues needing follow up. Questions that arise during the call will receive follow up by the respective federal agencies as appropriate and be closed on the next call and/or followed up through other forums. .

Thursday: Tactical/operational Call for Health Officials

The purpose of the Thursday call is to update state and local partners while encouraging **operational/technical discussion** and information sharing. The primary audience for this call includes representatives from ASTHO, Directors of Public Health Preparedness, Radiation Officers, Environmental Directors, Laboratory Directors, and Public Information Officers. **Please designate a Subject Matter Expert from your agency to provide a brief update during this call.** Thursday tactical calls may function similar to the Tuesday call (approximately 2 minutes for each Federal agency to provide an update) or in advance of the call, a specific topic (e.g., passenger/cargo screening, laboratory testing, etc.) may be selected and a specific federal agency or agencies, asked to provide a 5 minute overview. As in the Tuesday call, most of the call will be devoted to Q & A after initial opening statements.

Please provide the name and contact information (including telephone number) for each individual that will be representing a Federal Agency as soon as possible so we can reach out to them directly as necessary.

An email invitation will be sent promptly with specific calling instructions.

Thanks for your assistance.

From: Turttil, Richard
Sent: Tuesday, April 05, 2011 10:00 AM
To: LIA04 Hoc
Subject: RE: Info Exchange: US Environmental Monitoring Data

Call me 415-2308

From: LIA04 Hoc
Sent: Tuesday, April 05, 2011 9:47 AM
To: Turttil, Richard
Subject: RE: Info Exchange: US Environmental Monitoring Data

Rich,

We just wanted to get the weekly calls right here:

Tuesday – 11:00 a.m. NEI call and 5:00 State Coordination Call

Thursday – 5:00 State Coordination Call

Now, is there a ESF8 Call (call with just the Federal family) on Tuesdays and Fridays? I did not see any call in information for these calls.

From: Turttil, Richard
Sent: Tuesday, April 05, 2011 9:31 AM
To: LIA04 Hoc
Subject: RE: Info Exchange: US Environmental Monitoring Data

See attached. It's tonight and Thurs. I don't want to get this confused with today's 11:00 am call. So: there's today's 11:00 am call which I'm going to listen to, and tonight's call (need a senior level NRC rep) and Thursday's call (need an NRC subject matter expert).

Rich

From: LIA04 Hoc
Sent: Tuesday, April 05, 2011 9:20 AM
To: Turttil, Richard
Subject: RE: Info Exchange: US Environmental Monitoring Data

I know PMT is aware of it since they came by this morning asking me for the call-in number, but I will follow-up to see who, exactly, will be participating. Thursday night? Hasn't the Tuesday/Thursday been changed to Tuesday/Friday?

From: Turttil, Richard
Sent: Tuesday, April 05, 2011 9:15 AM
To: LIA04 Hoc
Subject: RE: Info Exchange: US Environmental Monitoring Data

LIA04: Yes, I'll be listening today at 11:00.

Any comments from our liaison director/leadership as to who will address tonight's 5:00 call organized by HHS/CDC? They need an NRC Senior Level official tonight, and Subject Matter Expert for Thursday night.

Rich

From: LIA04 Hoc
Sent: Tuesday, April 05, 2011 8:55 AM
To: Turtill, Richard
Subject: RE: Info Exchange: US Environmental Monitoring Data

Rich,

Just letting you know PMT will support the call, so we will really just be in listening mode.

-Kim

From: LIA04 Hoc
Sent: Tuesday, April 05, 2011 7:46 AM
To: Turtill, Richard
Subject: FW: Info Exchange: US Environmental Monitoring Data

Rich,

The Liaison Director told me about this meeting this morning and indicated that the State Liaison should participate (listening mode). I was just not sure if you wanted to listen in to this call as well since this is a new meeting added to the meeting list?

Thanks,
Kim

From: LIA04 Hoc
Sent: Tuesday, April 05, 2011 7:41 AM
To: Easson, Stuart; Flannery, Cindy; LIA04 Hoc; Lukes, Kim; Maupin, Cardelia; Noonan, Amanda; OST05 Hoc; Rautzen, William; Rivera, Alison; Ryan, Michelle; Turtill, Richard; Virgilio, Rosetta
Subject: Info Exchange: US Environmental Monitoring Data

FYI:

I was informed that there is a call, led by NEI, at 11:00-11:30 a.m. EDT to update the status of US environmental radiological monitoring data and to discuss the following:

- 1) Sharing of US commercial nuclear power plant data with State agencies
- 2) Frequency and agenda for future calls

The dial in number is:

719-955-1361

Passcode:

(b)(6)

From: LIA08 Hoc
Sent: Tuesday, April 05, 2011 11:23 AM
To: Turtil, Richard; LIA04 Hoc; LIA06 Hoc
Subject: RE: Today's State Conference Call - Japan Response - Please call at 4:45

We got that and are making sure the current PMT Director and Scott are aware...

From: Turtil, Richard
Sent: Tuesday, April 05, 2011 11:23 AM
To: LIA08 Hoc; LIA04 Hoc; LIA06 Hoc
Subject: RE: Today's State Conference Call - Japan Response - Please call at 4:45

Will do. Scott or whomever should call in at 4:45. Thanks.

Rich

From: LIA08 Hoc
Sent: Tuesday, April 05, 2011 11:21 AM
To: Turtil, Richard; LIA04 Hoc; LIA06 Hoc
Subject: RE: Today's State Conference Call - Japan Response - Please call at 4:45

Hey Rich,

Please respond to Mark Davis to indicate that Scott Flanders will be the PMT Director and that either he or his designee will participate in this evening's call. Copy LIA04, LIA06 and LIA08 on the email. We'll handle it from there is he replies...

Thanks,
Rani

From: Turtil, Richard
Sent: Tuesday, April 05, 2011 11:10 AM
To: LIA04 Hoc; LIA06 Hoc; LIA08 Hoc
Subject: FW: Today's State Conference Call - Japan Response - Please call at 4:45
Importance: High

Kim: This is about the 5:00 pm call today. Can you help ensure that Scott Flanders or whomever will be speaking this evening, responds to the individual below and informs them that: 1) they (Scott, etc.,) are the call-in person for this evening's call; 2) Rich Turtil is not the call-in person for this evening's call; and 3) Scott WILL call in at 4:45 for the purpose listed below.

Thank you.

Rich

From: CDC IMS State Coordination Task Force [mailto:ecstatecoord@cdc.gov]
Sent: Tuesday, April 05, 2011 10:38 AM
To: Turtil, Richard
Subject: Today's State Conference Call - Japan Response - Please call at 4:45
Importance: High

Hi Rich -

Steve Boedigheimer, the coordinator of today's call, is asking that participants call in at 4:45 for a little preliminary discussion before opening the lines. Would you please reply to confirm that you'll be able to make it at that time?
Thanks so much.

Mark

Mark A. Davis

On Detail to OPHPR/DSLRL

State Coordination Desk

2011 Japan Response

404.553.7511

From: LIA06 Hoc
Sent: Tuesday, April 05, 2011 11:42 AM
To: Hoc, PMT12; Flanders, Scott
Cc: Turtill, Richard; LIA04 Hoc; LIA08 Hoc
Subject: FW: Today's State Conference Call - Japan Response - Please call at 4:45

Importance: High

Please be advised that tonight's 5:00 p.m. call will begin at 4:45 p.m.

Liaison Team Director
U.S. Nuclear Regulatory Commission
Operations Center

From: Turtill, Richard
Sent: Tuesday, April 05, 2011 11:26 AM
To: CDC IMS State Coordination Task Force
Cc: LIA04 Hoc; LIA06 Hoc; LIA08 Hoc
Subject: RE: Today's State Conference Call - Japan Response - Please call at 4:45
Importance: High

Mark:

NRC's Scott Flanders, or his designee, will participate in this evening's call for NRC. (I will not be the speaker.) The NRC participant will call in at 4:45 this evening as you requested.

Rich Turtill
301-415-2308

From: CDC IMS State Coordination Task Force [mailto:eocstatecoord@cdc.gov]
Sent: Tuesday, April 05, 2011 10:38 AM
To: Turtill, Richard
Subject: Today's State Conference Call - Japan Response - Please call at 4:45
Importance: High

Hi Rich -

Steve Boedigheimer, the coordinator of today's call, is asking that participants call in at 4:45 for a little preliminary discussion before opening the lines. Would you please reply to confirm that you'll be able to make it at that time? Thanks so much.

Mark

Mark A. Davis
On Detail to OPHPR/DSL
State Coordination Desk
2011 Japan Response
404.553.7511

From: Virgilio, Rosetta
Sent: Tuesday, April 05, 2011 11:42 AM
To: Flanders, Scott; LaVie, Steve
Cc: Turtill, Richard; LIA04 Hoc; OST05 Hoc; LIA08 Hoc; LIA06 Hoc; Hoc, PMT12
Subject: FW: IMPORTANT: 2011 Japan Response State Coordination Conference Call (formerly ASTHO call) Changes

FYI

From: LIA04 Hoc
Sent: Tuesday, April 05, 2011 9:32 AM
To: Turtill, Richard; LIA06 Hoc
Cc: Cool, Donald; Piccone, Josephine; Jackson, Deborah; Virgilio, Rosetta; Ryan, Michelle; Arribas-Colon, Maria; Cuadrado, Leira; Flannery, Cindy; Easson, Stuart; Rivera, Alison; Noonan, Amanda; LIA08 Hoc; LIA01 Hoc; LIA11 Hoc; Hoc, PMT12; ET05 Hoc; ET01 Hoc; ET07 Hoc
Subject: RE: IMPORTANT: 2011 Japan Response State Coordination Conference Call (formerly ASTHO call) Changes

I spoke to PMT and was informed that Scott Flanders, the PMT Director, and/or Steve LaVie, PMT RAAD, will participate.

From: Turtill, Richard
Sent: Tuesday, April 05, 2011 9:18 AM
To: LIA06 Hoc
Cc: LIA04 Hoc; Cool, Donald; Piccone, Josephine; Jackson, Deborah; Virgilio, Rosetta; Ryan, Michelle; Arribas-Colon, Maria; Cuadrado, Leira; Flannery, Cindy; Easson, Stuart; Rivera, Alison; Noonan, Amanda; LIA08 Hoc; LIA01 Hoc; LIA11 Hoc; Hoc, PMT12; ET05 Hoc; ET01 Hoc; ET07 Hoc
Subject: RE: IMPORTANT: 2011 Japan Response State Coordination Conference Call (formerly ASTHO call) Changes

Liaison Team Director:

Do we have an NRC name for tonight's call. Note, too, that DOE is not on tonight's agenda.

Rich

From: LIA06 Hoc
Sent: Monday, April 04, 2011 9:43 PM
To: Turtill, Richard
Cc: LIA04 Hoc; Cool, Donald; Piccone, Josephine; Jackson, Deborah; Virgilio, Rosetta; Ryan, Michelle; Arribas-Colon, Maria; Cuadrado, Leira; Flannery, Cindy; Easson, Stuart; Rivera, Alison; Noonan, Amanda; LIA08 Hoc; LIA01 Hoc; LIA11 Hoc; Hoc, PMT12; ET05 Hoc; ET01 Hoc; ET07 Hoc
Subject: RE: IMPORTANT: 2011 Japan Response State Coordination Conference Call (formerly ASTHO call) Changes

Rich,

I spoke to the ET Director and we agreed that the PMT Director should sit in on these calls to give any status and priority information which is in the NRC's purview. As such, the PMT Director may not be able to fill 2 minutes but maybe 15-30 seconds after others have spoken, such as DOE since they have the lead to communicate information to the states regarding monitoring radiation heading toward or over the US. I have discussed this with the PMT and they are adding it to their list of calls to support. PMT has been listening in to these calls.

Liaison Team Director

U.S. Nuclear Regulatory Commission
Operations Center

From: Turtill, Richard
Sent: Monday, April 04, 2011 6:27 PM
To: LIA06 Hoc; LIA08 Hoc; LIA01 Hoc; LIA11 Hoc
Cc: LIA04 Hoc; Cool, Donald; Piccone, Josephine; Jackson, Deborah; Virgilio, Rosetta; Ryan, Michelle; Arribas-Colon, Maria; Cuadrado, Leira; Flannery, Cindy; Easson, Stuart; Rivera, Alison; Noonan, Amanda
Subject: FW: IMPORTANT: 2011 Japan Response State Coordination Conference Call (formerly ASTHO call) Changes
Importance: High

Liaison Directors:

I received this this afternoon. I had earlier called CDC/HHS and identified myself as the briefer for NRC for Tuesday based on another, separate scheduling invitation. Now, I see guidance below for tomorrow night's call (and for Thursday's call, too), specifically: "**Tuesday: Strategic Call for Health Officials**

Federal agencies should **designate a senior policy official to provide a brief TWO minute update during this call**. The senior federal official should list current agency priorities; priorities on the horizon, and topics for which State/local input is being sought. The purpose of the Tuesday call is to provide a high level update to state and local partners and encourage **policy-level strategic** information sharing and discussion.

Thursday: Tactical/operational Call for Health Officials

The purpose of the Thursday call is to update state and local partners while encouraging **operational/technical discussion** and information sharing. The primary audience for this call includes representatives from ASTHO, Directors of Public Health Preparedness, Radiation Officers, Environmental Directors, Laboratory Directors, and Public Information Officers. **Please designate a Subject Matter Expert from your agency to provide a brief update during this call.**

This being said, **I believe someone else should be assigned to speak for NRC at the Tuesday and Thursday calls this week as I'm neither a Senior Policy Official nor a Subject Matter Expert at the NRC.**

Rich Turtill

From: CDC IMS State Coordination Task Force [mailto:eocstatecoord@cdc.gov]
Sent: Monday, April 04, 2011 2:38 PM
To: donna.weise@dhs.gov; Turtill, Richard; Ryan, Michelle; LIA04 Hoc; OST05 Hoc; Browder, Rachel; Tupin.Edward@epamail.epa.gov; Bowles.Jack@epamail.epa.gov; KEVIN.Mcaleenan@dhs.gov; Blumenstock, Jim (CDC astho.org); Herrmann, Jack (CDC naccho.org); Lurie, Nicole (OS); Yeskey, Kevin (OS); Kaplowitz, Lisa (OS); Natarajan, Nitin (OS); Vineyard, Michael (OS); Michael, Gretchen (OS); Marinissen, Maria Julia (OS); Sanders, Melissa (OS); Fowler, Erin (OS); Sizemore, Tom (OS); Ball, Harvey J. (OS); Forsha, Joseph D. (OS); Bratcher Bowman, Nikki (OS); Russell, Elizabeth B. (ACF); White, Jonathan D. (ACF); Sadovich, Juliana (ACF); Jones, Robin (ACF); Allred, Phillip M. (Mike) (CDC/ONDIEH/NCEH); Talbert, Todd (CDC/OPHPR/DSLRL); Bryant, Jeffrey (Jeff) (CDC/OPHPR/DSLRL); Stevens, Sheila (ATSDR/OPPE); 2011 Japan Earthquake (CDC); CDC IMS Current Ops Lead -2; Boedigheimer, Steven F. (CDC/OPHPR/DSLRL); Bushong, Erica L. (CDC/OPHPR/DSLRL); Rogers, Barbara A. (CDC/OD/OADP); Doan, Stephanie (CDC/ONDIEH/NCEH); Marrone, Ashley A. (CDC/OID/NCEZID); Davis, Mark A. (CDC/ONDIEH/NCIPC); Jackson, Leeanne (FDA/CFSAN/OCD); Russo, Mark R. (FDA/OC/OCTC); Verbeten, John E. (FDA/ORA/ORO); El Hinnaway, Patricia (OS/OPEO); Howard King, Vinetta M. (FDA/OC/OCTC); Leblanc, Pamela (FDA/CFSAN/OCD); Delancey, Siobhan M. (FDA/OC/OEXA); Muldoon, Molly V. (FDA/OC); Mcdermott, Catherine M. (FDA/ORA/ORO); Karol, Susan (IHS/HQ); Mahon, John (IHS/HQ); Spear, Terri (SAMHSA); Carolyn Hanson
Cc: CDC IMS State Coordination -2
Subject: IMPORTANT: 2011 Japan Response State Coordination Conference Call (formerly ASTHO call) Changes
Importance: High

Dear Federal Partner:

Important Change: The structure for the 2011 Japan Earthquake **Tuesday/Thursday State Coordination Conference Calls** (formerly the "ASTHO" calls) has changed. The new call structure will allow for approximately 30 minutes for brief updates from federal agencies and 30 minutes for questions and answers from participants. Please see below for specific information about each call and a request for the name of the point of contact for your agency who will participate and be responsible for assuring participation by your agency.

Tuesday: Strategic Call for Health Officials

Federal agencies should **designate a senior policy official to provide a brief TWO minute update during this call.** The senior federal official should list current agency priorities; priorities on the horizon, and topics for which State/local input is being sought. The purpose of the Tuesday call is to provide a high level update to state and local partners and encourage **policy-level strategic** information sharing and discussion. The primary audience for this call includes State Health Officials (ASTHO members), National Alliance for Radiation Readiness (NARR), officials from the Environmental Council of States (ECOS), and the National Public Health Information Coalition (NPHIC).

Each Federal agency representative will have approximately 2 minutes to provide an initial update during the Tuesday call. State/local questions will enable more discussion of the points shared by the federal agencies.

The purpose of the Tuesday call is to share strategic direction and flag issues needing follow up. Questions that arise during the call will receive follow up by the respective federal agencies as appropriate and be closed on the next call and/or followed up through other forums. .

Thursday: Tactical/operational Call for Health Officials

The purpose of the Thursday call is to update state and local partners while encouraging **operational/technical discussion** and information sharing. The primary audience for this call includes representatives from ASTHO, Directors of Public Health Preparedness, Radiation Officers, Environmental Directors, Laboratory Directors, and Public Information Officers. **Please designate a Subject Matter Expert from your agency to provide a brief update during this call.** Thursday tactical calls may function similar to the Tuesday call (approximately 2 minutes for each Federal agency to provide an update) or in advance of the call, a specific topic (e.g., passenger/cargo screening, laboratory testing, etc.) may be selected and a specific federal agency or agencies, asked to provide a 5 minute overview. As in the Tuesday call, most of the call will be devoted to Q & A after initial opening statements.

Please provide the name and contact information (including telephone number) for each individual that will be representing a Federal Agency as soon as possible so we can reach out to them directly as necessary.

An email invitation will be sent promptly with specific calling instructions.

Thanks for your assistance.

Subject: FW: 2011 Pacific Basin Earthquake/Tsunami ESF-8 Conference Call
Location: Phone: 877-700-1237 and Passcode: (b)(6) /International TOLL NUMBER:
1-210-339-7059 Passcode: (b)(6)

Start: Fri 4/8/2011 11:00 AM
End: Fri 4/8/2011 12:00 PM

Recurrence: Weekly
Recurrence Pattern: every Tuesday and Friday from 11:00 AM to 12:00 PM

Meeting Status: Accepted

Organizer: OS Secretarys Operations Center

FYI

-----Original Appointment-----

From: OS Secretarys Operations Center

Sent: Tuesday, April 05, 2011 11:33 AM

To: (b)(6)

(b)(6)

(b)(6)

(b)(6)

Cc: 'Woodard, Thomas'; White, Arma (FDA/OC); LIA08 Hoc; Glover, Mark (FDA/ORA); Russell, Elizabeth B (ACF); 'Price, Erik N LTC PACOM, J91'; 'Olson, Maria dG'; Russo, Mark (FDA/OC); MacMullan, Anita (FDA/ORA); Carey, Marsha (HHS/ASPA); Assar, Samir (FDA/CFSAN); LIA01 Hoc; Humbert, Jason (FDA/ORA); Holmes, Joanne M (FDA/CDER); McNeill, Lorrie (FDA/CBER); Malin, Murray (FDA/CDRH); Crowley, Cecilia (Maria) (FDA/CFSAN); Gill, Lillian J. (FDA/CDRH); Sheehan, John (FDA/CFSAN); Woodrome, Anthony (OS/DSI); Glover, Mark (FDA/ORA); Shea, Moira (HHS/ASPR/OPEO)

Subject: 2011 Pacific Basin Earthquake/Tsunami ESF-8 Conference Call

When: Friday, April 08, 2011 11:00 AM-12:00 PM (GMT-05:00) Eastern Time (US & Canada).

Where: Phone: 877-700-1237 and Passcode: (b)(6) / International TOLL NUMBER: 1-210-339-7059 Passcode:

(b)(6)

ALCON:

NOTE: You have been identified as a supporting entity to HHS and ESF8. Please, ensure that you have a representative participate on the CONCALL denoted below: Thank you again for your support.

2011 Pacific Basin Earthquake/Tsunami ESF-8 Conference Call

AGENDA (Calls will now be held Tues. and Fri.)

Phone: 877-700-1237 and Pass code: (b)(6)

(International Callers) TOLL NUMBER: 1-210-339-7059 PARTICIPANT PASSCODE:

(b)(6)

Objective: Discussion of current response operations and future actions.

Japan Weather Updates:

HHS - Opening Comment
- Quick summary on any HHS issues/concerns

Regions:

R9 update

R10 update

EMG Updates:

EMG OPS/FIELD OPS/OFRD OPS
EMG Logs
EMG Plans
EMG A/F
Public Affairs
CI/KR

Other OPDIVs/STAFF DIVs:

FDA update
CDC update
ACF update

Supporting Agencies:

DOS update
NRC update
USDA update
EPA update
FAA update
OSHA update
ARC update
Canadian update
NORTHCOM update

Other supporting Agencies update

Questions:

Adjournment & Closing Comments:

Time for the next conference call: **1100EDT, FRIDAY 08Apr11 (Calls will be Tues. and Fri. weekly)**

From: ANDERSEN, Ralph <rla@nei.org>
Sent: Tuesday, April 05, 2011 11:56 AM
To: LIA04 Hoc
Subject: RE: Follow-up Regarding Info Exchange Meeting on US Environmental Monitoring Data

Thanks.

From: LIA04 Hoc [mailto:LIA04.Hoc@nrc.gov]
Sent: Tuesday, April 05, 2011 11:52 AM
To: ANDERSEN, Ralph
Cc: LIA08 Hoc; Hoc, PMT12; LIA04 Hoc; LIA06 Hoc
Subject: Follow-up Regarding Info Exchange Meeting on US Environmental Monitoring Data

Ralph,

As a follow-up from today's information exchange meeting on sharing U.S. environmental monitoring data, please send the call-in information for the next meeting to:

LIA04.HOC@nrc.gov
LIA06.HOC@nrc.gov
LIA08.HOC@nrc.gov
PMT12.HOC@nrc.gov

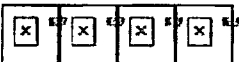
Also, you may send the daily reports that will be provided to CRCPD to LIA04.HOC@nrc.gov as well.

Thank you,

Kim Lukes
State Liaison
NRC HQ Operations Center
301-816-5193



FOLLOW US ON



This electronic message transmission contains information from the Nuclear Energy Institute, Inc. The information is intended solely for the use of the addressee and its use by any other person is not authorized. If you are not the intended recipient, you have received this communication in error, and any review, use, disclosure, copying or distribution of the contents of this communication is strictly prohibited. If you have received this electronic transmission in error, please notify the sender immediately by telephone or by electronic mail and permanently delete the original message. IRS Circular 230 disclosure: To ensure compliance with requirements imposed by the IRS and other taxing authorities, we inform you that any tax advice contained in this communication (including any attachments) is not intended or written to be used, and cannot be used, for the purpose of (i) avoiding penalties that may be imposed on any taxpayer or (ii) promoting, marketing or recommending to another party any transaction or matter addressed herein.

Sent through mail.messaging.microsoft.com

From: Turtil, Richard
Sent: Tuesday, April 05, 2011 12:03 PM
To: LIA04 Hoc
Subject: FW: Today's State Conference Call - Japan Response - Please call at 4:45

Fyi...

From: CDC IMS State Coordination Task Force [mailto:eocstatecoord@cdc.gov]
Sent: Tuesday, April 05, 2011 11:52 AM
To: Turtil, Richard
Subject: RE: Today's State Conference Call - Japan Response - Please call at 4:45

Thanks so much, Rich.

From: Turtil, Richard [Richard.Turtil@nrc.gov]
Sent: Tuesday, April 05, 2011 11:25 AM
To: CDC IMS State Coordination Task Force
Cc: LIA04 Hoc; LIA06 Hoc; LIA08 Hoc
Subject: RE: Today's State Conference Call - Japan Response - Please call at 4:45

Mark:

NRC's Scott Flanders, or his designee, will participate in this evening's call for NRC. (I will not be the speaker.) The NRC participant will call in at 4:45 this evening as you requested.

Rich Turtil
301-415-2308

From: CDC IMS State Coordination Task Force [mailto:eocstatecoord@cdc.gov]
Sent: Tuesday, April 05, 2011 10:38 AM
To: Turtil, Richard
Subject: Today's State Conference Call - Japan Response - Please call at 4:45
Importance: High

Hi Rich -

Steve Boedigheimer, the coordinator of today's call, is asking that participants call in at 4:45 for a little preliminary discussion before opening the lines. Would you please reply to confirm that you'll be able to make it at that time?

Thanks so much.

Mark

Mark A. Davis
On Detail to OPHPR/DSLRL
State Coordination Desk
2011 Japan Response
404.553.7511

From: LIA08 Hoc
Sent: Tuesday, April 05, 2011 12:18 PM
To: LIA04 Hoc
Cc: LIA06 Hoc
Subject: RE: Update Recurring Daily Actions and Calls List

Done...

From: LIA04 Hoc
Sent: Tuesday, April 05, 2011 11:56 AM
To: LIA08 Hoc
Subject: Update Recurring Daily Actions and Calls List

Can you please update the Recurring Daily Actions and Calls to reflect that NEI is planning to hold the Info Exchange on US Environmental Monitoring Data on a weekly basis? The next call is scheduled to take place on Tuesday (4/12/11) at 11:00 a.m. EDT.

Thanks,

Kim Lukes
Staté Liaison
NRC HQ Operations Center
301-816-5193

From: LIA04 Hoc
Sent: Tuesday, April 05, 2011 12:25 PM
To: LIA04 Hoc; Easson, Stuart; Flannery, Cindy; Lukes, Kim; Maupin, Cardelia; Noonan, Amanda; OST05 Hoc; Rautzen, William; Rivera, Alison; Ryan, Michelle; Turtill, Richard; Virgilio, Rosetta
Subject: RE: Info Exchange: US Environmental Monitoring Data

FYI:

Meeting minutes from today's NEI-led call have been posted on the LT log.

These calls will occur on a weekly basis. The next call is on Tuesday, April 12 at 11:00 a.m. EDT. Call-in information will be sent by NEI to LIA04.

Kim Lukes
State Liaison
NRC HQ Operations Center
301-816-5193

From: LIA04 Hoc
Sent: Tuesday, April 05, 2011 7:41 AM
To: Easson, Stuart; Flannery, Cindy; LIA04 Hoc; Lukes, Kim; Maupin, Cardelia; Noonan, Amanda; OST05 Hoc; Rautzen, William; Rivera, Alison; Ryan, Michelle; Turtill, Richard; Virgilio, Rosetta
Subject: Info Exchange: US Environmental Monitoring Data

FYI:

I was informed that there is a call, led by NEI, at 11:00-11:30 a.m. EDT to update the status of US environmental radiological monitoring data and to discuss the following:

- 1) Sharing of US commercial nuclear power plant data with State agencies
- 2) Frequency and agenda for future calls

The dial in number is:

719-955-1361

Passcode:

(b)(6)

From: Turtill, Richard
Sent: Tuesday, April 05, 2011 1:02 PM
To: Flanders, Scott
Cc: Ryan, Michelle; LIA04 Hoc; LIA06 Hoc; LIA08 Hoc
Subject: Tonight's 4:45 call organized by HHS

Scott:

I have briefed on this call for NRC on several occasions (it's been a call held every Tuesday and Thursday evening for several weeks now). Michelle Ryan of my staff has also been the NRC speaker at least once. If you'd like a short briefing as to audience, format, general direction of Qs and As, etc., please don't hesitate calling me anytime on office or cell phone.

Rich
301-415-2308
Blackberry: (b)(6)

From: LIA04 Hoc
Sent: Tuesday, April 05, 2011 2:08 PM
To: Ryan, Michelle
Subject: RE: I will be down in the Ops center momentarily

ok

From: Ryan, Michelle
Sent: Tuesday, April 05, 2011 2:07 PM
To: LIA04 Hoc
Subject: I will be down in the Ops center momentarily

Sorry for the delay.

Michelle Ryan

Federal, State, and Tribal Liaison Project Manager, USNRC
Division of Intergovernmental Liaison and Rulemaking (DILR)
Intergovernmental Liaison Branch (ILB)

Michelle.Ryan@nrc.gov

Phone: (301) 415-1071

From: LIA04 Hoc
Sent: Tuesday, April 05, 2011 2:19 PM
To: LIA04 Hoc; Easson, Stuart; Flannery, Cindy; Lukes, Kim; Maupin, Cardelia; Noonan, Amanda; OST05 Hoc; Rautzen, William; Rivera, Alison; Ryan, Michelle; Turtill, Richard; Virgilio, Rosetta; OST05 Hoc
Subject: Ops Center State Liaison Turnover from 4/5/11 for the 2PM-9PM EDT shift

My updates to the notes below are in purple.

Open action items from 4/4/11 evening shift

An email was received from Harral at 3:16PM asking if the NRC has crafted talking points regarding how the events in Japan affect license renewal for Prairie Island. The request was sent to the RST and PA (Holly Harrington) who is thought to have crafted language previously on this question. No response has yet been received from either the RST or PA. Morning shift, please follow up and get back to Harral Logaras. Sent an e-mail followup to find out a status on the request to RST on 8:36 a.m. on 4/5/11. OPA (Holly Harrington) sent a e-mail on 9:14 a.m. (4/5) indicating that they may generate a generic response.

Summary of State Liaison Team from 4/3/11 7AM-2PM SHIFT:

Flagged Inbox Emails require additional attention. **Also, RST and PMT have asked that if we are forwarding requests for information/action from them to please enter it in the task tracker system as well.**

A response to questions on Japanese ISFSIs from NY through RI RSLO (4/1/11, 2:06 pm) was provided to RI. This item was closed in the task tracker (Task No. 3661). No further action is required.

All incoming e-mails from Friday, April 1 through Sunday, April 3 was forwarded to FOIAResponse.hoc@nrc.gov.

FYI – The 11:00 am M/W/F call lead by HHS (ESF-8 Conference Call) **has been changed to Tuesdays and Fridays.**

Participated in 11-11:30 a.m. NEI led call (4/5/11) to discuss the status of U.S. environmental radiological monitoring data and sharing of U.S. commercial nuclear power plant data with State agencies and frequency and agenda for future calls. Meeting minutes were posted in the LT log. The meetings will occur on a weekly basis. The next call is schedule for April 12 at 11:00 a.m. EDT. Since the NEI-led call conflicts with the ESF-8 call at 11, the LT Director listened in to the ESF-8 call.

Ongoing Request from EPA:

NOTE: NRC has NOT released a RIS and is still referring all questions to EPA.

EPA is not collecting information/data from the States. If States have questions regarding radiation data in the United States they should go to : <http://www.epa.gov/japan2011/>. There are Q&A on EPA's web site if the States have further questions.

Ongoing action for FOIA request information gathering:

LT Coordinator asked SL Desk to forward all Inbox messages to FOIAResponse.hoc@nrc.gov. (This should populate when you start typing.)

During AM shift, please forward all Inbox emails from preceding day(s). (Monday, 04/04/11, forward 04/01/11-04/03/11 messages.)

- To forward multiple messages, highlight messages to be forwarded and right click, selecting "Forward Items."
- Include the origin and date of emails in the subject line when sending (for example, "SL Desk 03/16-03/17/11").
- Forwarded e-mails in In-box from 4/4/11.

Current Actions

- No Current Actions due from this shift. See "Follow-up Actions" for pending issues.
- FYI- Heads up email on misleading HLS Newswire article – no action, but M. Weber has requested a "For the Record" news article or blog in response - when we get one send to RSLO's – however we have not heard from any States about this.

Follow-up Actions

- 03/31/11 evening shift – SL Received inquiry from RIII RSLO H. Logaras regarding FEMA issued EPZ maps. The following questions were asked:
 - o Is it appropriate to depict permanently shut down plants like Zion, Big Rock, LaCrosse and Trojan as having 10 and 50-mile EPZ's?
 - o I think the LaCrosse plant is in western Wisconsin rather than central Kansas, and is anything at all left at Trojan?FEMA is inquiring with HQ and awaiting response (expects new maps tomorrow that do not include decommissioned plants). – Per e-mail sent by FEMA Liaison on 11:31 a.m. on 4/1, waiting for FEMA Headquarters to provide new maps that show accurate EPZ population numbers and only show operating plants.

From: LIA04 Hoc
Sent: Tuesday, April 05, 2011 3:07 PM
To: Wierman, Kenneth
Subject: RE: Map changes

No worries. Thanks Ken!

From: Wierman, Kenneth [mailto:kenneth.wierman@dhs.gov]
Sent: Tuesday, April 05, 2011 3:06 PM
To: LIA04 Hoc
Cc: Sherwood, Harry; Coons, Albert; Purvis, James; Gardner, Patricia; Fontenot, Rebecca; Sheffield, Bonnie
Subject: RE: Map changes

Ms. Ryan,

The map revisions are still in progress. My apologies.

Kenneth L. Wierman Jr.
Policy and Regulations Unit
Radiological Emergency Preparedness
Technological Hazards Division
Federal Emergency Management Agency (FEMA) Headquarters
Office: (202) 212-3711
Blackberry: (b)(6)
kenneth.wierman@dhs.gov

From: prvs=0699afe34=LIA04.Hoc@nrc.gov [mailto:prvs=0699afe34=LIA04.Hoc@nrc.gov] **On Behalf Of** LIA04 Hoc
Sent: Tuesday, April 05, 2011 2:34 PM
To: Kenneth.wierman@dhs.gov
Subject: Map changes

Ken,

Last Friday you did some follow-up regarding FEMA issued EPZ maps. Have you received any additional information, or revised maps?

Thanks
Michelle

Michelle Ryan
State Liaison – Liaison Team
NRC Operations Center

From: LIA05 Hoc
Sent: Friday, April 01, 2011 10:30 AM
To: Coons, Albert
Cc: LIA04 Hoc; LIA01 Hoc; LIA11 Hoc; Dan Feighert; Andrew Seward; Harry Sherwood; John Simpson; Lisa Hamilton;

Michelle Ralston; Rebecca Fontenot; Steve Horwitz; Tim Greten; Vanessa E. Quinn
Subject: Map changes

Per your request:

This is an open item for the NRC Ops Center

Attached is a list of decommissioned plants, some are on the map and some are not. The question is " should there be an EPZ on decommissioned plants?"

FEMA HQ needs to decide if they should be on the 10 and 50 mile EPZ and other maps. If they are, they should be marked as decommissioned plants in the legend. This also applies to the new reactor sites. This information may be important in the wake of the Japan events.

The other issues with the map are as follows:

La Crosse is shown in KS, but is located in Genoa WI and should be moved to WI
Yankee-Rowe is shown in NY ,but is located in Rowe, MA and should be moved to MA

Bonnie Sheffield Dayshift 0700-1500
Ken Wierman Nightshift 1500-2300
FEMA REP Liaison
NRC Operations Center
(301) 816-5187

~~*****FOR OFFICIAL USE ONLY*****~~

~~DO NOT RELEASE OUTSIDE OF THE FEDERAL FAMILY~~

Big Rock Point	Charlevoix, MI	DECON Completed
CVTR**	Parr, SC	SAFSTOR
Elk River*	Elk River, MN	DECON Completed
Fort St. Vrain	Platteville, CO	DECON Completed
GE Bonus*	Punta Higuera, PR	ENTOMB
GE VBWR	Sunol, CA	SAFSTOR
Haddam Neck	Meriden, CT	DECON Completed
Hallam*	Hallam, NE	ENTOMB
Humboldt Bay 3	Eureka, CA	DECON In Progress
La Crosse	Genoa, WI	SAFSTOR
Maine Yankee	Wiscasset, ME	DECON Completed
Millstone 1	Waterford, CT	SAFSTOR
NS Savannah	Baltimore, MD	SAFSTOR
Pathfinder	Sioux Falls, SD	DECON Completed
Piqua*	Piqua, OH	ENTOMB
Rancho Seco	Herald, CA	DECON Completed
Saxton	Saxton, PA	DECON Completed
Shippingport*	Shippingport, PA	DECON Completed
Shoreham	Wading River, NY	DECON Completed
Trojan	Rainier, OR	DECON Completed
Yankee-Rowe	Rowe, MA	DECON Completed
Zion 1	Zion, IL	SAFSTOR
Zion 2	Zion, IL	SAFSTOR

Decommissioning

The process of safely closing a nuclear power plant (or other facility where nuclear materials are handled) to retire it from service after its useful life has ended. This process primarily involves decontaminating the facility to reduce residual radioactivity and then releasing the property for unrestricted or (under certain conditions) restricted use. This often includes dismantling the facility or dedicating it to other purposes. Decommissioning begins after the nuclear fuel, coolant, and radioactive waste are removed.

Entomb

A method of decommissioning, in which radioactive contaminants are encased in a structurally long-lived material, such as concrete. The entombed structure is maintained and surveillance is continued until the entombed radioactive waste decays to a level permitting termination of the license and unrestricted release of the property. During the entombment period, the licensee maintains the license previously issued by the NRC

SAFSTOR

A method of decommissioning in which a nuclear facility is placed and maintained in a condition that allows the facility to be safely stored and subsequently decontaminated (deferred decontamination) to levels that permit release for unrestricted use.

Spent (depleted or used) nuclear fuel

Nuclear reactor fuel that has been used to the extent that it can no longer effectively sustain a chain reaction.

From: LIA04 Hoc
Sent: Tuesday, April 05, 2011 4:08 PM
To: Turtil, Richard
Subject: FW: HHS Call at 1700 EDT

Rich,

FYI – I confirmed PMT participation and sent the following email to them (and Scott) to confirm everyone ends up in the speaker room (rather than State participant room).

From: LIA04 Hoc
Sent: Tuesday, April 05, 2011 3:51 PM
To: Hoc, PMT12
Cc: Flanders, Scott
Subject: HHS Call at 1700 EDT

If you are calling-in to tonight's HHS teleconference with States at 5:00pm EDT, please make sure that the operator knows you are a speaker so that you are not on mute (like State participants). From my experience last week, the operator does not always place Federal Partners in the speaker pool. (Press *0 if you have been placed in the "room" with State participants.)

Please let me know if you would like to participate in the call from one location, and I will try to find space. Scott, Rich Turtil has indicated that you will be participating on the NRC's behalf. I will be listening and taking notes, please let me know if you have any questions about previous calls and/or participants.

Thanks
Michelle

State Liaison – Liaison Team
NRC Operations Center

From: Fenner, Jerold (HHS/ASPR/OPEO) <Jerold.Fenner@hhs.gov>
Sent: Tuesday, April 05, 2011 6:37 PM
To: 'Ames, Darrell Mr CIV US USA USARPAC'; (b)(6); 'pavlinb@wpro.who.int'; 'Iddings, Mr Steven (SP)'; 'Gaynor, Mary Kathleen M.D. (Kate)'; 'Arthy G. Nena'; O'Mallan, Josie (CDC dphss.guam.gov); 'Peter Judicpa'; 'William Kando'; 'michael poblete'; 'siitia@doh.as'; 'Ben Sili'; 'Jacqueline Solaita'; 'Melinda Lawrence - Palau'; (b)(6); 'Joanes Sarofalpiy'; 'Lisa Barrow'; Bryce, Michael (HHS/ASPR/OPEO); 'Toby L. Clairmont'; Gallo, Bill (CDC/OSTLTS/DPHCD); 'Owolabi, Mojisola'; 'Arcibal, Laura K.'; Rayle, Vicky (CDC/OSTLTS/DPHCD); Walmsley, John (HHS/OASH); 'Cathy Wasem'; Michael, Gretchen (HHS/ASPR/COO); 'Joseph Kevin Villagomez'; Yano, Victor (CDC palau-health.net); Seiuli Elisapeta Ponsusuaia, American Samoa DPCP (b)(6); Langidrik, Justina <Marshall Is> (CDC ntamar.net); McMichael, Janice R. (CDC/OPHPR/DSLRL); 'masatomo.nadeau@dphss.guam.gov'; 'leo.casil@dphss.guam.gov'; 'arthur.sanagustin@dphss.guam.gov'; Talbert, Todd (CDC/OPHPR/DSLRL); 'marilyn.shigetani@dhs.gov'; 'Voirin, Anthony J LTCOL MIL USAF'; 'kevin.clark@dhs.gov'; 'Michael Epp'; 'Park, Sarah Y., MD'; 'wmiller@USAID.GOV'; Sheehan, Kevin (HHS/ASPR/OPEO); Cooper, Barbara (CDC/OPHPR/DSNS); Roh, Mark S (FDA/ORA); 'Meer.Daniel@epamail.epa.gov'; Piggott, Bill (HHS/ASPR/OPEO); Natarajan, Nitin (HHS/ASPR/OPEO); Sanders, Melissa (HHS/ASPR/OPEO); Simons, Nadine M (HHS/OASH); Schultz, Herb (HHS/IGA/ORD); 'Todd.L.Smith@aphis.usda.gov'; Maier, Bill; 'sarah.hartson@oak.doe.gov'; Smart, John (HHS/ASPR/OPEO); Turtill, Richard; Piccone, Josephine; Jackson, Deborah; LIA04 Hoc; OST05 Hoc; Pippin, Roger L. (CDC/OPHPR (CTR)); (b)(6); Muldoon, Molly (FDA/OC); Jackson, LeeAnne (FDA/CFSAN); Russo, Mark (FDA/OC); Mahon, John (IHS/HQ); Hancock, Jessica (HHS/OGHA); Karol, Susan (IHS/HQ); Yee, James C (FDA/ORA); Kreis, Jane M (FDA/ORA); Durkin, Robert (FDA/OC); Breadheft, Marc (FDA/OC); Gorski, Wayne A (FDA/OC); McDermott, Catherine (FDA/ORA); LeBlanc, Pamela (FDA/CFSAN); White, Arma (FDA/OC); DeLancey, Siobhan (FDA/OC); Verbeten, John E. (ORA) (FDA/ORA); Guzman, Noemi (CDC/OID/NCEZID); Veneziano, Domenic J. (FDA/ORA); McGarry, Sherri A (FDA/CFSAN); Chen, Tai-Ho (CDC/OID/NCEZID); (b)(6); Bryant, Jeffrey (Jeff) (CDC/OPHPR/DSLRL); Durkin, Robert (FDA/OC); LeBlanc, Pamela (FDA/CFSAN); White, Arma (FDA/OC); Mike.Aslaksen@noaa.gov; info.japan@noaa.gov; Scripp, Robert; kim.walz@fema.gov; Lusk, Jeff; OS Secretarys Operations Center; (b)(6); anena@fsmhealth.fm; MPretrick@fsmhealth.fm; msamo@fsmhealth.fm; Skilling, Vita A. (CDC fsmhealth.fm); 'Michael Epp'
Subject: Pacific Islands Japan Event Update
Importance: High

Friends,

The US Department of Health and Human Services, Office of the Assistant Secretary for Preparedness and Response (ASPR) will facilitate a follow-up Pacific Islands call to coordinate information sharing and public health messaging among Federal, State and Pacific Jurisdictional partners related to the ongoing radiological event in Japan. On the call we start with a US Federal update, then updates from Hawaii, the Pacific Jurisdictions, and other Pacific Partners.

Date: 6 / 7 April 2011

Time: 5 PM (Pacific Time) San Francisco (6 April), (5 PM Pacific Time is now 2 PM in HI (6 April); 1 PM in AS (6 April); 12 Noon in RMI (7 April); 11 AM in Pohnpei (7 April); 10 AM in CNMI (7 April), 10 AM in Guam (7 April), Chuuk and Yap (7 April); 9 AM in Palau (7 April)).

Phone Number: 888-790-2141

Participant Passcode:

If you have any questions, please let me or Capt Mike Bryce (Michael.Bryce@hhs.gov) know.

Thank you,

Jerry

Jerold Fenner, MPH, MEP
Regional Emergency Coordinator, Region IX
US Dept. of Health & Human Services
Office of the Assistant Secretary for Preparedness & Response
90 7th Street, Suite 3-350
San Francisco, CA 94103
Office: (415) 633-5501
Cell:
Jerold.Fenner@hhs.Gov

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From: Turtil, Richard
Sent: Tuesday, April 05, 2011 9:01 PM
To: LIA04 Hoc
Subject: RE: Ops Center State Liaison Turnover from 4/5/11 for the 7AM-2PM EDT shift on 04/06/11

Michelle:

Thanks for working so late. I very much appreciate your efforts and dedication.

Rich

From: LIA04 Hoc
Sent: Tuesday, April 05, 2011 9:00 PM
To: LIA06 Hoc; LIA08 Hoc; Easson, Stuart; Flannery, Cindy; LIA04 Hoc; Lukes, Kim; Maupin, Cardelia; Noonan, Amanda; OST05 Hoc; Rautzen, William; Rivera, Alison; Ryan, Michelle; Turtil, Richard; Virgilio, Rosetta
Subject: Ops Center State Liaison Turnover from 4/5/11 for the 7AM-2PM EDT shift on 04/06/11

My updates below are in green.

Open action items from 4/4/11 evening shift

An email was received from Harral at 3:16PM asking if the NRC has crafted talking points regarding how the events in Japan affect license renewal for Prairie Island. The request was sent to the RST and PA (Holly Harrington) who is thought to have crafted language previously on this question. No response has yet been received from either the RST or PA. Morning shift, please follow up and get back to Harral Logaras. Sent an e-mail followup to find out a status on the request to RST on 8:36 a.m. on 4/5/11. OPA (Holly Harrington) sent a e-mail on 9:14 a.m. (4/5) indicating that they may generate a generic response. Still awaiting response (04/05/11).

Summary of State Liaison Team from 4/5/11 2PM-9PM SHIFT:

Flagged Inbox Emails require additional attention. **Also, RST and PMT have asked that if we are forwarding requests for information/action from them to please enter it in the task tracker system as well.**

SL participated in 04/05/11 HHS/ CDC call with States at 1700 EDT and posted meeting minutes to LT log. Scott Flanders participated on behalf of the NRC; PMT and LT supported. The next call is scheduled for 04/07/11 at 1700 EDT to update state/local partners while encouraging operational/ technical discussion and information sharing. ***There is one outstanding issue for NRC regarding the availability of data. NRC indicated that we would provide follow-up on 04/07 regarding whether or not radioactive releases are decreasing. See notes below for additional information.

Ongoing Request from EPA:

NOTE: NRC has NOT released a RIS and is still referring all questions to EPA.

EPA is not collecting information/data from the States. If States have questions regarding radiation data in the United States they should go to : <http://www.epa.gov/japan2011/>. There are Q&A on EPA's web site if the States have further questions.

Ongoing action for FOIA request information gathering:

LT Coordinator asked SL Desk to forward all Inbox messages to FOIAResponse.hoc@nrc.gov. (This should populate when you start typing.)

During AM shift, please forward all Inbox emails from preceding day(s). (Monday, 04/04/11, forward 04/01/11-04/03/11 messages.)

- To forward multiple messages, highlight messages to be forwarded and right click, selecting "Forward Items."
- Include the origin and date of emails in the subject line when sending (for example, "SL Desk 03/16-03/17/11").
- Forwarded e-mails in In-box from 4/4/11.

Current Actions

- No Current Actions due from this shift. See "Follow-up Actions" for pending issues.
- FYI- Heads up email on misleading HLS Newswire article – no action, but M. Weber has requested a "For the Record" news article or blog in response - when we get one send to RSLO's – however we have not heard from any States about this.

Follow-up Actions

- 03/31/11 evening shift – SL Received inquiry from RIII RSLO H. Logaras regarding FEMA issued EPZ maps. The following questions were asked:
 - o Is it appropriate to depict permanently shut down plants like Zion, Big Rock, LaCrosse and Trojan as having 10 and 50-mile EPZ's?
 - o I think the LaCrosse plant is in western Wisconsin rather than central Kansas, and is anything at all left a Trojan?

FEMA is inquiring with HQ and awaiting response (expects new maps tomorrow that do not include decommissioned plants). – Per e-mail sent by FEMA Liaison on 11:31 a.m. on 4/1, waiting for FEMA Headquarters to provide new maps that show accurate EPZ population numbers and only show operating plants. Sent email to Ken Wierman (FEMA) since they are no longer staffing the NRC Ops Center. His response indicated that the maps are still in the process of being revised. 04/05/11 3:08pm.

From: LIA04 Hoc
Sent: Wednesday, April 06, 2011 2:12 PM
To: Easson, Stuart; Flannery, Cindy; LIA04 Hoc; Lukes, Kim; Maupin, Cardelia; Noonan, Amanda; OST05 Hoc; Rautzen, William; Rivera, Alison; Ryan, Michelle; Turtill, Richard; Virgilio, Rosetta
Subject: Ops Center State Liaison Turnover from 4/6/11 (7AM-2PM EDT)

My updates below are in blue.

Open action items from 4/4/11 evening shift

An email was received from Herral at 3:16PM asking if the NRC has crafted talking points regarding how the events in Japan affect license renewal for Prairie Island. The request was sent to the RST and PA (Holly Harrington) who is thought to have crafted language previously on this question. No response has yet been received from either the RST or PA. Morning shift, please follow up and get back to Herral Logaras. Sent an e-mail follow-up to find out a status on the request to RST on 8:36 a.m. on 4/5/11. OPA (Holly Harrington) sent a e-mail on 9:14 a.m. (4/5) indicating that they may generate a generic response. Still awaiting response (04/05/11).

Summary of State Liaison Team from 4/6/11 7AM-2PM SHIFT:

Flagged Inbox Emails require additional attention. **Also, RST and PMT have asked that if we are forwarding requests for information/action from them to please enter it in the task tracker system as well.**

All incoming e-mails from Tuesday, April 5 were forwarded to FOIAResponse.hoc@nrc.gov.

Bill Maier sent an e-mail as FYI that Region IV is planning to participate in the CA Senate Committee on Energy, Utilities and Communications informational hearing scheduled for next Thursday, April 14th. Troy Pruett, Deputy Director of Region IV Division of Reactor Projects, will be giving a statement to be followed by questions from the senators. Mr. Pruett is still developing his statement, which will be reviewed by the Regional Counsel and the Regional Public Affairs Officers. Victor Dricks, Senior Public Affairs Officer Region IV, and Bill Maier will accompany Mr. Pruett at the hearing and for any media or governmental official interaction that occurs as a result of his appearance. No action is required.

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From: Harrington, Holly
Sent: Wednesday, April 06, 2011 3:52 PM
To: LIA04 Hoc; Logaras, Harral
Subject: RE: Anticipating a question ahead of the End of Cycle Meeting

Below is our "talking point" relevant to license renewal. Each regional public affairs officer is also aware of the verbiage.

Q. "How will the events in Japan affect license renewal for U.S. plants?"

A. The NRC's recently initiated review of U.S. plants will examine current practice at operating reactors to ensure proper actions will be taken if a severe event occurs – this covers plants regardless of where they are in their license lifetime. The events in Japan, based on what's known at this time, appear to be unrelated to issues examined in license renewal. The NRC's long-term review of its regulations will determine whether any revisions to license renewal reviews are called for.

From: LIA04 Hoc
Sent: Wednesday, April 06, 2011 3:41 PM
To: Logaras, Harral
Subject: RE: Anticipating a question ahead of the End of Cycle Meeting

Harral,

Just to close the loop with you on this question, the NRC does not currently have a developed response for the question you have below. However, OPA is working on one.

Regards,
Stuart Easson
State Liaison – Liaison Team
Incident Response Center
301-816-5193
LIA04.HOC@nrc.gov

From: Logaras, Harral
Sent: Monday, April 04, 2011 3:16 PM
To: LIA04 Hoc
Cc: Plasse, Richard; Wrona, David; Keegan, Elaine; Zurawski, Paul; Barker, Allan; Heck, Jared
Subject: Anticipating a question ahead of the End of Cycle Meeting

Dear State Liaison,

Between April 4, 2011 and April 14, 2011 we are holding four End of Cycle public meetings and next week we are holding one for the Prairie Island Nuclear Generating Plant. In preparation for that activity, I would like to ask if we have developed a response to a line of questioning such as the following.

Will (or How will) the events in Japan affect license renewal for Prairie Island?

Thank you for your attention.

Sincerely,

Harral Logaras
U. S. NRC Region III
Regional Government Liaison
630-829-9659

Link to the Award Winning NRC Information Digest <http://www.nrc.gov/reading-rm/doc-collections/nuregs/staff/sr1350/v22/sr1350v22.pdf>

Link to NRC Fact Sheets and Brochures <http://www.nrc.gov/reading-rm/doc-collections/fact-sheets/>

From: LIA04 Hoc
Sent: Wednesday, April 06, 2011 4:26 PM
To: Maier, Bill
Cc: Turtill, Richard; Howell, Art; Howell, Linda
Subject: RE: REQUEST FOR TALKING POINTS
Attachments: HHS State Conference Call.04.05.11.docx

Bill,

I have attached the meeting minutes from yesterday's HHS State call where Scott Flanders reported the following:

NRC (Scott Flanders)

- NRC Operations Center has been activated since 03/11 and the agency continues to monitor the situation
- NRC team, including 15-17 staff, has been deployed to Japan in rotations to assess conditions and collect data.
- The Commission established a task force to examine domestic regulatory program and provide short and long term reports to the Commission. Near-term report will take place 90 days from 04/01.

There have not been any additional press releases (that are entered in WebEOC) since March 24th and no additional talking points released since March 28th.

There was a post yesterday on the NRC blog (<http://public-blog.nrc-gateway.gov/>) that might be relevant

Top Managers to Lead Review Team

As promised, the NRC has put together a team to look at our regulations, programs and processes in light of the unfolding nuclear emergency in Japan. The team will produce a public report in about three months, which will include recommendations for ways to improve NRC's regulatory system.

The task force is led by Dr. Charles Miller, the head of the NRC office that oversees radiological materials and environmental management. He is joined by Daniel Dorman, deputy director of the office that oversees nuclear material safety; Jack Grobe, deputy director of the office that oversees nuclear reactor regulation; and Gary Holahan, deputy director of the office overseeing new reactors. Nathan Sanfillippo, a technical assistant for the Executive Director for Operations, and Amy Cabbage, a team leader in new reactors, round out the team.

Together, they offer almost 150 years of experience at the NRC.

The team is tasked with conducting a "near-term" review while also identifying topics to be included in a longer-term review. The near term will look closely at U.S. nuclear reactors, including their spent fuel pools, station "blackout" scenarios, events that could lead to a long loss of cooling and emergency preparedness.

The task force expects to offer recommendations for Commission consideration on whether we should require immediate enhancements at U.S. reactors.

Important dates: On May 12 and June 16 the task force plans to brief the Commission in public meetings on the status of the review, and to offer final recommendations in a public Commission meeting on July 19. We'll let you know more as we get closer to those dates.

I hope that is helpful

Stuart Easson
State Liaison – Liaison Team

Incident Response Center
301-816-5193
LIA04.HOC@nrc.gov

From: Maier, Bill
Sent: Wednesday, April 06, 2011 3:55 PM
To: LIA04 Hoc
Cc: Turtill, Richard; Howell, Art; Howell, Linda
Subject: REQUEST FOR TALKING POINTS
Importance: High

Dear State Liaison,

I have once again been invited to participate in the US Dept of HHS Region 9 (Pacific) conference call with Pacific Island public health authorities. The call begins at 5pm PDT and the call info is attached.

I confess that I am somewhat at a loss of meaningful information to provide for my briefing of NRC activities. I understand that the NRC's role in the overall Federal response has been scaled back.

I am therefore requesting talking points from the liaison team for presentation at this call.

Any help would be appreciated.

Bill Maier

2011 Japan Response State Coordination Conference Call
CDC IMS State Coordination Task Force
04/05/2011 1700 EDT

Welcome

Steve Boedigheimer (CDC) – Federal partners will provide overview of what they are doing this week and what is on horizon during Tuesday calls. Strategic thinking and direction from Federal partners can be useful for States to form theirs.

Jim Blumenstock (ASTHO) – Reframing of calls moving forward.

Tuesday calls will provide an overview of high level executive policy and strategic plan. State Health Officials and Environmental Agencies will participate.

Thursday calls will include tactical, operational and technical discussion. State Emergency Preparedness Officers, Radiation Control Directors, etc. will participate.

Federal Partner Updates

ASPR (Nitin Natarajan)

- ASPR continues to look at domestic response and potential future issues that may arise.
- They continue to engage in inter-agency cooperation and planning.
- Five staff members have been deployed to Japan and will return on 04/08 and 04/10
- Public Affairs Office briefed media opinion leaders to allow them to ask questions of experts brought together for call. This was the first coordinated press call. Seafood safety was big issue with dumping of radioactive water.

CDC (Vic Capell)

- Emergency Operations Center was activated 03/11/11.
- Two staff members have been deployed to Japan.
- 140 CDC employees are staffing the operations center.
- CDC continues to work with Federal and International partners as well as non-governmental organizations.
- Focus has been on public health guidance for US citizens in Japan, including the following activities:
 - Public health interpretation of radiation data;
 - Public health guidance for travelers
 - Development of public health key messages; and
 - Dissemination of public health information to public, including.
- CDC continues to inform the public that:
 - There is no threat to public health in spite of radiation detection in air, water and milk; and
 - There is no need to take KI.

EPA (Mike Flynn)

- EPA continues to participate in inter-agency technical advisory group.
- EPA is actively working and hosting RadNet monitoring data. They continue to see non-detect levels or very low levels below concern. Data is posted on website as quickly as possible. Anything notable is flagged and follow-up is conducted with Federal and State partners to address.
- Sampling and data in pipeline will be posted on EPA website in days ahead.

CBP – Not present.

FDA (John Verbatin)

- Import alert continues for certain products from specific regions of Japan.
- Increased surveillance of Japanese imports continues. Over 1000 examinations have been conducted, and nothing has been found in violation.
- FDA will continue to monitor activities, and may increase or decrease surveillance, as situation warrants.

NRC (Scott Flanders)

- NRC Operations Center has been activated since 03/11 and the agency continues to monitor the situation
- NRC team, including 15-17 staff, has been deployed to Japan in rotations to assess conditions and collect data.
- The Commission established a task force to examine domestic regulatory program and provide short and long term reports to the Commission. Near-term report will take place 90 days from 04/01.

ACF (Elizabeth Russell and Jonathan White)

- ACF continues to monitor and communicate with Department of State. There is no indication of potential evacuation of US citizens at this point. ACF is actively engaged with partners and will advise if they are informed of evacuation.

SAMHSA (Terry Spear)

- SAMHSA is monitoring behavioral health effect on US Citizens.
- SAMHSA is providing technical assistance, information and training to citizens across the country.
- They are completing review of cultural appropriateness of tip sheet and translation to Japanese.

DHS – Not Present.

Question & Answer Session

1. Status of Clearance for passenger? Jim (ASTHO)
Colleen Martin (CDC) indicated that they are still awaiting clearance and one of the last documents is with HHS.
2. Are there any plans for NRC to allow State partners to review 90 day report to be issued to Commission? Jim (ASTHO)
S. Flanders indicated that the task force charter directs them to assess conditions, determine short-term recommendations, and provide recommendation for Chairman. If it is determined to be appropriate, NRC will engage State, Local and others.
Jim (ASTHO) indicated that if protective action guidance is part of recommendation, then States should be consulted.
3. Jack Herman indicated that they continue to monitor calls and solicit questions from local health departments (Herman appears to represent localities, but organization was not identified clearly).
4. Does NRC assessment include offsite dose assessment or environmental assessment?
Bob Free
S. Flanders indicated that Staff in Japan is collecting information regarding dose and assessing.
5. There have been domestic communications challenges regarding contamination of air, water and milk. Can we get information on whether or not radioactive releases in air are decreasing? Why can't information be shared? Howard Backer (CA Public Health)
S. Flanders indicated that NRC is getting information from DOE and assessing as it is received. Call with CRCPD discussed availability of data earlier today. NRC will follow-up and can provide additional information on Thursday call.
Jim (ASTHO) indicated that State Cabinet and Subcabinet level should be receiving this information if it has been shared with CRCPD.
6. In NRC confident that there is an end game in site? Lee Cox (NC)
S. Flanders indicated that NRC continues to monitor the situation, gathering and assessing information. Tim Harris indicated that MEXT website has information from utilities. Trending to a more stable condition over the past few weeks.
7. Clarification was provided regarding call with CRCPD. Call was with NEI regarding access to their data. Radiation control program directors will have access to NEI data, but mechanism to access is not in place yet to access daily data dump. Adela Salame-Alfie (NY and CRCPD)
8. Is someone looking at information from Japan regarding dose limits and comparing to US limits? Online video and media reporting were referenced. Pat Dostie (ME)
S. Flanders indicated that NRC is aware of this and assessing information now. M. Flynn of EPA indicated that they have not done a comparison of dose limits at this point. P. Dostie underscored that there is an assumption by the media that the Japanese dose limit is the same as US.

FDA Update

- Media inquiries are starting to decline
- Higher public concern on safety of fish, specifically Salmon. North Pacific fish are safe to eat
- Methodology for testing foods has been added to the FDA website

EPA Update

- Message is consistent with NRC's

CBP/CDC Update

- Completed traveler screening protocol released one, will be releasing another shortly.
 - Continue to check their website

OPA

- Nothing new to report – Continued message going out that U.S. is not expecting harmful levels

Q&A

- There were numerous questions mainly involving:
 - Customs and Border Control
 - How radiation is detected – what the levels mean and decontamination processes
 - A – Scanning people and packages as they come off the plane and again as they go through security. CBP/CDC is working on a procedure for screen cargo. Currently it goes to the State Rad. Control Program
 - One voice from the government and a continued request for 'One stop shopping' and charts/graphs that will show what normal levels are, what they are now, what is dangerous
 - A- USA.gov is one stop shopping however; if you are looking for in depth reading on a subject you still go to that Agency's website.

From: LIA04 Hoc
Sent: Thursday, April 07, 2011 7:08 AM
To: FOIA Response.hoc Resource
Subject: State Liaison Desk 04/06/11
Attachments: RE: Ops Center State Liaison Turnover from 4/6/11 (7AM-2PM EDT); HEADS UP ON INCOMING LETTER FROM CA STATE SENATOR; Protection of Agency Documents in the Operations Center; RE: Anticipating a question ahead of the End of Cycle Meeting; RE: REQUEST FOR TALKING POINTS; RE: ? on Monitoring Data; REQUEST FOR TALKING POINTS; RE: Anticipating a question ahead of the End of Cycle Meeting; General Interest: Latest NRC Reporter Now Online; Out of Office: Ops Center State Liaison Turnover from 4/6/11 (7AM-2PM EDT); Ops Center State Liaison Turnover from 4/6/11 (7AM-2PM EDT); REGION IV WILL BE GIVING A STATEMENT AT CA SENATE HEARING NEXT THURSDAY; RE: State Liaison Operation Center Schedule for Week of 04/11/11; RE: Questions for this afternoon's conference call; Update: Network Bulletin: Space and Property Management System Maintenance; Network Bulletin: Space and Property Management System Maintenance; State Liaison Operation Center Schedule for Week of 04/11/11

From: LIA04 Hoc
Sent: Wednesday, April 06, 2011 8:51 PM
To: LIA04 Hoc; Easson, Stuart; Flannery, Cindy; Lukes, Kim; Maupin, Cardelia; Noonan, Amanda; OST05 Hoc; Rautzen, William; Rivera, Alison; Ryan, Michelle; Turtill, Richard; Virgilio, Rosetta
Subject: RE: Ops Center State Liaison Turnover from 4/6/11 (7AM-2PM EDT)

Open action items from 4/6/11 evening shift

none

Summary of State Liaison Team from 4/6/11 7AM-2PM SHIFT:

Flagged Inbox Emails require additional attention. **Also, RST and PMT have asked that if we are forwarding requests for information/action from them to please enter it in the task tracker system as well.**

All incoming e-mails from Tuesday, April 5 were forwarded to FOIAResponse.hoc@nrc.gov.

Bill Maier sent an e-mail as FYI that Region IV is planning to participate in the CA Senate Committee on Energy, Utilities and Communications informational hearing scheduled for next Thursday, April 14th. Troy Pruett, Deputy Director of Region IV Division of Reactor Projects, will be giving a statement to be followed by questions from the senators. Mr. Pruett is still developing his statement, which will be reviewed by the Regional Counsel and the Regional Public Affairs Officers. Victor Dricks, Senior Public Affairs Officer Region IV, and Bill Maier will accompany Mr. Pruett at the hearing and for any media or governmental official interaction that occurs as a result of his appearance. No action is required.

Ongoing Request from EPA:

NOTE: NRC has NOT released a RIS and is still referring all questions to EPA.

EPA is not collecting information/data from the States. If States have questions regarding radiation data in the United States they should go to : <http://www.epa.gov/japan2011/>. There are Q&A on EPA's web site if the States have further questions.

Ongoing action for FOIA request information gathering:

LT Coordinator asked SL Desk to forward all Inbox messages to FOIAResponse.hoc@nrc.gov. (This should populate when you start typing.)

During AM shift, please forward all Inbox emails from preceding day(s). (Monday, 04/04/11, forward 04/01/11-04/03/11 messages.)

- To forward multiple messages, highlight messages to be forwarded and right click, selecting "Forward Items."
- Include the origin and date of emails in the subject line when sending (for example, "SL Desk 03/16-03/17/11").

Current Actions

- No Current Actions due from this shift. See "Follow-up Actions" for pending issues.

- FYI- Heads up email on misleading HLS Newswire article – no action, but M. Weber has requested a “For the Record” news article or blog in response - when we get one send to RSLO’s – however we have not heard from any States about this.

Follow-up Actions

- 03/31/11 evening shift – SL Received inquiry from RIII RSLO H. Logaras regarding FEMA issued EPZ maps. The following questions were asked:
 - o Is it appropriate to depict permanently shut down plants like Zion, Big Rock, LaCrosse and Trojan as having 10 and 50-mile EPZ's?
 - o I think the LaCrosse plant is in western Wisconsin rather than central Kansas, and is anything at all left a Trojan?

FEMA is inquiring with HQ and awaiting response (expects new maps tomorrow that do not include decommissioned plants). – Per e-mail sent by FEMA Liaison on 11:31 a.m. on 4/1, waiting for FEMA Headquarters to provide new maps that show accurate EPZ population numbers and only show operating plants. Sent email to Ken Wierman (FEMA) since they are no longer staffing the NRC Ops Center. His response indicated that the maps are still in the process of being revised. 04/05/11 3:08pm.

From: LIA04 Hoc
Sent: Thursday, April 07, 2011 12:04 PM
To: McNamara, Nancy; Tift, Doug; Nick, Joseph
Cc: LIA01 Hoc; LIA06 Hoc; LIA08 Hoc
Subject: FW: Question from MA Re: Contamination Checks on Automobiles from Japan

They State should contact their local Customs and Border Control.

Below is the link to their website fact sheet.

http://www.cbp.gov/xp/cgov/newsroom/fact_sheets/

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

From: McNamara, Nancy
Sent: Thursday, April 07, 2011 11:50 AM
To: LIA04 Hoc; OST05 Hoc
Cc: Tift, Doug; Nick, Joseph
Subject: Question from MA Re: Contamination Checks on Automobiles from Japan

Received the below question from MA. Would like an answer asap since the cars are being parked near school buses.

Thanks.

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

From: Nick, Joseph
Sent: Thursday, April 07, 2011 11:47 AM
To: McNamara, Nancy
Cc: Collins, Daniel
Subject: Contamination Checks on Goods (Automobiles) from Japan

Nancy,

As we discussed, Bob Gallagher (Massachusetts Radiation Control Program in the Dept. of Public Health) called and asked if there is a federal policy on checking goods coming into ports from Japan. His immediate concern is a shipload of cars from Japan that has been off-loaded in the port of Boston. The cars are currently parked next to school buses and there are concerns/questions about the screening or surveying that has been performed. Do you have any contact names/numbers for me to pass on to him?

Thanks,

Joe

Joseph Nick
Technical Assistant
Region I DNMS
King of Prussia, PA
610-337-5056

From: McGrady-Finneran, Patricia
Sent: Thursday, April 07, 2011 3:01 PM
To: Rivera, Alison; LIA04 Hoc
Cc: Piccone, Josephine; Noonan, Amanda
Subject: 04/07/2011 HHS Call
Attachments: image001.gif

Allison-Can you email any info you might have for this evening's call. I have received no info as of yet for the HHS call scheduled for tonight and its already 3:00pm.

Thanks.

I have a 3:00 meeting with Deborah Jackson, so I will be away from my desk for around a ½ hour. If you can get that info to me could you please call me or Carol Ashley (who can come and retrieve me from Deborah's office. I will immediately compose the email and get it out.



Patricia McGrady-Finneran
Program Manager, USNRC
Division of Intergovernmental Liaison and Rulemaking (DILR)
Intergovernmental Liaison Branch (ILB)
Patricia.McGrady-Finneran@nrc.gov
Phone: (301) 415-2326
Fax: (301) 415-3502

From: Noonan, Amanda
Sent: Thursday, April 07, 2011 3:13 PM
To: OST02 HOC
Cc: LIA04 Hoc
Subject: FW: State Liaison Operation Center Schedule for Week of 04/11/11
Attachments: State LiaisonSchedule 04-10-11.docx

FYI

Amanda Noonan
Management Analyst, FSME/DILR
301-415-2551
amanda.noonan@nrc.gov

From: Noonan, Amanda
Sent: Wednesday, April 06, 2011 9:34 AM
To: Noonan, Amanda; Rivera, Alison; Maupin, Cardelia; Lukes, Kim; Virgilio, Rosetta; Flannery, Cindy; Turtill, Richard; Ryan, Michelle; LIA04 Hoc
Subject: RE: State Liaison Operation Center Schedule for Week of 04/11/11

Amanda Noonan
Management Analyst, FSME/DILR
301-415-2551
amanda.noonan@nrc.gov

From: Noonan, Amanda
Sent: Wednesday, April 06, 2011 6:28 AM
To: Rivera, Alison; Maupin, Cardelia; Lukes, Kim; Virgilio, Rosetta; Flannery, Cindy; Turtill, Richard; Ryan, Michelle; LIA04 Hoc
Subject: State Liaison Operation Center Schedule for Week of 04/11/11

Good morning, attached is the schedule for the Operations Center next week.

If you have any issues please let me know.

Amanda Noonan
Management Analyst, FSME/DILR
301-415-2551
amanda.noonan@nrc.gov

**Japanese Earthquake/Tsunami Coverage – State Liaison Function in the NRC Operations Center
March – 7 Hour Shifts, 1 Person Each Shift, Nights and Weekends are On Call Only**

	Sun 10 ON CALL	M 11	Tu 12	W 13	Th 14	F 15	Sat 16 ON CALL
7am - 2pm	Noonan	Rivera	Maupin	Noonan	Flannery	Lukes	Rivera
2pm - 9pm	Noonan	Easson	Easson	Turtill	Ryan	Noonan	Rivera
9pm - 7am On Call Only	Noonan	Noonan	Rivera	Rivera	Noonan	Noonan	Noonan
	Bill Rautzen	Cardelia Maupin	Rosetta Virgilio	Richard Turtill	Amanda Noonan		
	Alison Rivera	Kim Lukes	Cindy Flannery	Michelle Ryan	Stuart Easson		

Date

4/11 7am - 2pm	Rivera
4/11 2pm - 9pm	Easson
4/12 7am - 2pm	Maupin
4/12 2pm - 9pm	Easson
4/13 7am - 2pm	Flannery
4/13 2pm - 9pm	Noonan
4/14 7am - 2pm	Flannery
4/14 2pm - 9pm	Ryan
4/15 7am - 2pm	Lukes
4/15 2pm - 9pm	Noonan

From: Mroz (Sahm), Sara
Sent: Thursday, April 07, 2011 3:21 PM
To: Logaras, Harral; Anderson, Joseph
Cc: Heck, Jared; Barker, Allan; LIA04 Hoc
Subject: RE: EP question from end of cycle meeting
Attachments: Questions for Public.docx; Emergency Planning Zones.pdf

Harral,

Attached are two documents that were created to assist in responding to questions in the aftermath of the earthquake. One is Questions and Answers for answering public inquiries. The other is a document that FEMA and NRC created talking about EPZs ...

I hope that these might help you, but I also realize that they may not be specific enough for what you're looking for.

-Sara

From: Logaras, Harral
Sent: Thursday, April 07, 2011 1:45 PM
To: Anderson, Joseph
Cc: Heck, Jared; Barker, Allan; LIA04 Hoc; Mroz (Sahm), Sara
Subject: RE: EP question from end of cycle meeting

Dear Joe,

Thank you for your reply. I have shared the information with Bill and I will share his response with you.

Sincerely,

Harral Logaras
U. S. NRC Region III
Regional Government Liaison
630-829-9659

Link to the Award Winning NRC Information Digest <http://www.nrc.gov/reading-rm/doc-collections/nuregs/staff/sr1350/v22/sr1350v22.pdf> .

Link to NRC Fact Sheets and Brochures <http://www.nrc.gov/reading-rm/doc-collections/fact-sheets/>

From: Anderson, Joseph
Sent: Thursday, April 07, 2011 12:12 PM
To: Logaras, Harral
Cc: Heck, Jared; Barker, Allan; LIA04 Hoc; Mroz (Sahm), Sara
Subject: RE: EP question from end of cycle meeting

Harral – I would reach over to Bill King (FEMA RV) to obtain what they have and to coordinate a response. I've asked Sara Mroz to forward you what generic Q&A OCA has developed on this topic.

From: Logaras, Harral
Sent: Thursday, April 07, 2011 11:49 AM
To: LIA04 Hoc
Cc: Heck, Jared; Barker, Allan; Anderson, Joseph
Subject: EP question from end of cycle meeting

At the Quad Cities End of Cycle Open House, a member of the public had a line of questions about adequacy of reception centers and congregate care centers for the Quad Cities EPZ. She asked if those facilities were adequate if an extended evacuation from the Quad Cities became necessary. I wonder if our FEMA counterparts have talking points for questions in this area.

Sincerely,

Harral Logaras
U. S. NRC Region III
Regional Government Liaison
630-829-9659

Link to the *Award Winning* NRC Information Digest <http://www.nrc.gov/reading-rm/doc-collections/nuregs/staff/sr1350/v22/sr1350v22.pdf>

Link to NRC Fact Sheets and Brochures <http://www.nrc.gov/reading-rm/doc-collections/fact-sheets/>

From: LIA04 Hoc
Sent: Thursday, April 07, 2011 3:50 PM
To: Temple, Jeffrey
Subject: SUMMARY OF WHITE HOUSE DEPUTIES MEETING ACTION ITEM RESOLUTION FOR NRC.doc
Attachments: SUMMARY OF WHITE HOUSE DEPUTIES MEETING ACTION ITEM RESOLUTION FOR NRC.doc

Deputies Meeting matrix attached.

SUMMARY OF WHITE HOUSE DEPUTIES MEETING ACTION ITEM RESOLUTION FOR NRC

(b)(5)

(b)(5)

(b)(5)

(b)(5)

(b)(5)

(b)(5)

From: Lee.Raymond@epamail.epa.gov on behalf of
EOC_Environmental_Unit@epamail.epa.gov
Sent: Thursday, April 07, 2011 5:34 PM
To: bhirschler@crcpd.org
Cc: EOC_Environmental_Unit@epamail.epa.gov; rmcburney@crcpd.org; asa01@health.state.ny.us; ssmith.crcpd@epamail.epa.gov; rla@nei.org; jrs@nei.org; exa@nei.org; anm@nei.org; LIA04 Hoc; Hoc, PMT12; (b)(6)
Subject: NEI US Nuclear Power Plant Data - 4/7/11
Attachments: NEI Data Package FINAL 4-7-11.pdf

Mr. Hirschler,

Here is the first summary of US Nuclear Power Plant data compiled by NEI. We expect to give you daily updates in the same format, unless we pull the data for the day and see no new additions.

Thank you,

Ray

EOC Environmental Unit
US EPA
(202) 250-8926

(See attached file: NEI Data Package FINAL 4-7-11.pdf)

Nuclear Energy Institute Notification

Nuclear power plants are required by federal regulations to have extensive radiological environmental monitoring programs to monitor the air, water, milk, vegetables and other media around the plants. The programs utilize highly sensitive instruments and equipment that can accurately and precisely measure trace levels of radioactivity in the environment. As expected, the monitoring programs are currently detecting radiation in the environment from the events at the Fukushima Daiichi nuclear plants in Japan. At the request of the federal government, nuclear power plant radiological environmental monitoring data is being provided to the U.S. Environmental Protection Agency, U.S. Nuclear Regulatory Commission and state radiation protection agencies on a voluntary basis. The purpose of providing the monitoring data is to provide trends of radiation measurements. The data is not being used for required reporting to the NRC or any other regulatory agency. The data is used for information only and may be subject to updating as warranted. If there are questions, please contact one of the following:

Ralph Andersen at (202) 739-8111; rla@nei.org

Ellen Anderson at (202) 739-8043; exa@nei.org

Janet Schlueter at (202) 739-8098; jrs@nei.org

Environmental Protection Agency Notification

This data has been voluntarily provided to EPA from the nuclear power industry and is being shared, with NEI's and nuclear power plant operators' consent, with CRCPD to provide information to the States in addition to our RadNet data. EPA has had no role in any way in producing the data including no connection to sampling, analyzing samples, or providing quality assurance.

Fukushima Environmental Measurement Data Collection for All Plants

Plant Name	Sample Date	Sample Time	Sample Location	Sample Medium	Nuclide	Measurement	Environmental Units	RP Units	App. Detection Sensitivity	Weather	Comments
1 Peach Bottom Atomic Power Station	4/6/2011	0:00	Off Site	Rain Water	I-131	< mda	pCi/L			Rain	
2 San Onofre Nuclear Generating Station	4/6/2011	9:00	On Site	Air Particle Filter	Cs-137	< MDA		µCi/cc	1.60E-13	Other	Overcast and drizzle
3 San Onofre Nuclear Generating Station	4/6/2011	9:30	On Site	Air Charcoal	I-131	< MDA		µCi/cc	1.20E-13	Other	Overcast with drizzle
4 San Onofre Nuclear Generating Station	4/5/2011	9:30	Off Site	Air Particle Filter	Cs-137	3.20E-14		µCi/cc		Other	Overcast with drizzle
5 San Onofre Nuclear Generating Station	4/6/2011	9:30	Off Site	Air Charcoal	I-131	< MDA		µCi/cc	1.30E-13	Other	Overcast with drizzle
6 Donald C. Cook Nuclear Plant	4/6/2011	11:05	On Site	Air Charcoal	I-131	8.28E-14		µCi/cc	~6.50E-14		Portable air station J-ONS-4B; setup near an onsite REMP air station
7 Donald C. Cook Nuclear Plant	4/6/2011	5:30	Off Site	Air Charcoal	I-131	8.26E-14		µCi/cc	~6.50E-14		Portable air station J-DOW-B, setup > 20 miles offsite for a background air sample station
8 Donald C. Cook Nuclear Plant	4/6/2011	0:30	On Site	Air Particle Filter	Cs-137	< MDA		µCi/cc			All on site portable airborne samples for I-131 also had a particulate filter which was counted. All were < MDA for Cs-137 and all other isotopes. Dates from 3/24/2011 through 4/6/2011.
9 Donald C. Cook Nuclear Plant	4/6/2011	0:30	Off Site	Air Particle Filter	Cs-137	< MDA		µCi/cc			All portable offsite airborne samples for I-131 also had a particulate filter which was counted < MDA for Cs-137 and all other isotopes. Sample range is from 3/24/2011 through 4/5/2011. All onsite and offsite particulate filters were < MDA.
10 Fermi 2	4/5/2011	10:00	Off Site	Air Charcoal	I-131	1.34E-13		µCi/cc	1.60E-14	Clear	API-1 REMP sampler 1.4 miles NE of plant; weekly changeout
11 Fermi 2	4/5/2011	10:00	Off Site	Air Charcoal	I-131	1.03E-13		µCi/cc	1.80E-14	Clear	API-2 REMP sampler 0.6 miles NNW of plant; weekly changeout
12 Fermi 2	4/5/2011	10:00	Off Site	Air Charcoal	I-131	9.13E-14		µCi/cc	1.90E-14	Clear	API-3 REMP sampler 0.6 miles NW of plant; weekly changeout
13 Fermi 2	4/5/2011	10:00	Off Site	Air Charcoal	I-131	< MDA		µCi/cc	~2E-14	Clear	API-4 REMP sampler 14.0 miles W of plant; weekly changeout
14 Fermi 2	4/5/2011	10:00	Off Site	Air Charcoal	I-131	1.05E-13		µCi/cc	1.60E-14	Clear	API-5 REMP sampler 1.2 miles S of plant; weekly changeout
15 Donald C. Cook Nuclear Plant	4/5/2011	13:40	On Site	Air Charcoal	I-131	9.89E-14		µCi/cc	~5.00E-14		Portable air station J-ONS-4B; setup near an onsite REMP air station
16 Donald C. Cook Nuclear Plant	4/5/2011	5:55	Off Site	Air Charcoal	I-131	5.68E-14		µCi/cc	~5.00E-14		Portable air station J-DOW-B, setup > 20 miles offsite for a background air sample station
17 San Onofre Nuclear Generating Station	4/5/2011	9:00	On Site	Air Particle Filter	Cs-137	6.30E-14		µCi/cc		Clear	
18 San Onofre Nuclear Generating Station	4/5/2011	9:00	On Site	Air Charcoal	I-131	< MDA		µCi/cc	1.10E-13	Clear	
19 San Onofre Nuclear Generating Station	4/5/2011	9:00	Off Site	Air Particle Filter	Cs-137	< MDA		µCi/cc	3.00E-13	Clear	
20 San Onofre Nuclear Generating Station	4/5/2011	9:00	Off Site	Air Charcoal	I-131	< MDA		µCi/cc	1.50E-13	Clear	
21 Prairie Island Nuclear Generating Plant	4/5/2011	11:30	Off Site	Air Charcoal	I-131	0.07	pCi/meter3			Clear	Location P-111 8 mi NNW of PI
22 Comanche Peak Nuclear Power Plant	4/5/2011	9:00	Off Site	Air Charcoal	I-131	8.16E-14		µCi/cc	4.75E-14	Clear	
23 Comanche Peak Nuclear Power Plant	4/5/2011	9:00	Off Site	Air Particle Filter		< mda				Clear	
24 Palo Verde Nuclear Generating Station	4/5/2011	9:35	On Site	Air Charcoal	I-131	< mda		µCi/cc	7.21E-13	Snow	PVNGS Sample # 2-11-0538, 21-hour sample
25 Palo Verde Nuclear Generating Station	4/5/2011	9:35	On Site	Air Particle Filter	Cs-134	< mda		µCi/cc	9.02E-13	Clear	PVNGS Sample # 2-11-0537, 21-hour sample
26 Palo Verde Nuclear Generating Station	4/5/2011	9:35	On Site	Air Particle Filter	Cs-137	< mda		µCi/cc	5.53E-13	Clear	PVNGS Sample # 2-11-0537, 21-hour sample
27 River Bend Station	4/5/2011	9:45	On Site	Vegetation	I-131	< MDA	pCi/kg		60	Clear	Indicator sample point located 0.6 miles W.
28 River Bend Station	4/5/2011	9:42	On Site	Air Charcoal	I-131	7.86E-02	pCi/meter3			Clear	Sample point located 0.6 miles WNW
29 River Bend Station	4/5/2011	9:47	On Site	Air Charcoal	I-131	8.42E-02	pCi/meter3			Clear	Sample point located 0.6 miles W
30 River Bend Station	4/5/2011	9:31	Off Site	Air Charcoal	I-131	9.57E-02	pCi/meter3			Clear	Sample point located 3.7 miles NW.
31 River Bend Station	4/5/2011	10:35	Off Site	Air Charcoal	I-131	9.56E-02	pCi/meter3			Clear	Sample point located 11.5 miles SE
32 North Anna Power Station	4/5/2011	12:00	Off Site	Rain Water	I-131	< MDA		µCi/ml	1.61 E-8	Rain	24 miles NW of plant
33 North Anna Power Station	4/5/2011	12:00	Off Site	Rain Water	I-131	< MDA		µCi/ml	1.63 E-8	Rain	5.5 miles WSW of plant
34 San Onofre Nuclear Generating Station	4/4/2011	9:00	Off Site	Air Charcoal	I-131	8.20E-14		µCi/cc		Clear	
35 South Texas Project Electric Generating Station One and Two	4/4/2011	8:41	On Site	Air Charcoal	I-131	5.24E-14		µCi/cc		Clear	24 h sample, date/time listed is sample start time
36 South Texas Project Electric Generating Station One and Two	4/4/2011	8:41	On Site	Air Particle Filter	I-131	< MDA		µCi/cc	3.84E-14	Clear	24 h sampler, date/time listed is sample start time
37 Palo Verde Nuclear Generating Station	4/4/2011	12:38	On Site	Air Charcoal	I-131	< mda		µCi/cc	1.72E-13	Clear	PVNGS Sample # 2-11-0524, 29-hour sample
38 Palo Verde Nuclear Generating Station	4/4/2011	12:38	On Site	Air Particle Filter	Cs-134	< mda		µCi/cc	2.04E-13	Clear	PVNGS Sample # 2-11-0523, 29-hour sample

39	Palo Verde Nuclear Generating Station	4/4/2011	12:38	On Site	Air Particle Filter	Cs-137	< mda		µCi/sec	2.39E-13	Clear	PVMGS Sample # 2-11-0573, 29-hour sample
40	Kewaunee Power Station	4/4/2011	5:00	Off Site	Rain Water	I-131	1.74E-8		µCi/ml		Rain	Two Rivers
41	Kewaunee Power Station	4/4/2011	8:30	On Site	Rain Water	I-131	2.02E-8		µCi/ml		Rain	Site Boundary Facility
42	Kewaunee Power Station	4/4/2011	8:40	On Site	Rain Water	I-131	< MDA		µCi/ml		Rain	Sewage Treatment Plant
43	Kewaunee Power Station	4/4/2011	8:45	On Site	Rain Water	I-131	2.05E-8		µCi/ml		Rain	Training Center Roof
44	San Onofre Nuclear Generating Station	4/4/2011	9:00	On Site	Air Particle Filter	Cs-137	< MDA		µCi/sec	1.50E-13	Clear	
45	San Onofre Nuclear Generating Station	4/4/2011	9:00	On Site	Air Charcoal	I-131	< MDA		µCi/sec	1.30E-13	Clear	
46	San Onofre Nuclear Generating Station	4/4/2011	9:00	Off Site	Air Particle Filter	Cs-137	< MDA		µCi/sec	1.50E-13	Clear	
47	Dresden Station	4/4/2011	0:00	On Site	Rain Water	I-131	21.73		pCi/L		Rain	
48	Donald C. Cook Nuclear Plant	4/4/2011	12:39	On Site	Air Charcoal	I-131	< MDA		µCi/sec	1.99E-14		Portable air station I-ONS-48, setup near on-site REM-P station
49	Donald C. Cook Nuclear Plant	4/4/2011	5:37	Off Site	Air Charcoal	I-131	1.01E-13		µCi/sec	1.99E-14		Portable air station J-DOW-8, setup > 20 miles offsite for a background air sample station
50	Susquehanna Steam Electric Station	4/4/2011	12:50	Off Site	Air Charcoal	I-131	0.102		pCi/meter ³	0.016	Rain	Loc SSA (0.8 mile E of plant)
51	Quad Cities Station	4/3/2011	0:00	Off Site	Rain Water	I-131	17.4		pCi/L		Rain	
52	Quad Cities Station	4/3/2011	0:00	Off Site	Rain Water	I-131	11.9		pCi/L		Rain	
53	North Anna Power Station	4/3/2011	3:00	On Site	Air Charcoal	I-131	< MDA		µCi/sec	6.23E-14		0.6 miles SE of the plant
54	North Anna Power Station	4/3/2011	2:57	On Site	Air Charcoal	I-131	8.27E-14		µCi/sec			0.3 miles NW of the plant
55	Palo Verde Nuclear Generating Station	4/3/2011	7:30	On Site	Air Charcoal	I-131	< mda		µCi/sec	2.13E-13	Clear	PVMGS Sample # 2-11-0508, 23-hour sample
56	Palo Verde Nuclear Generating Station	4/3/2011	7:30	On Site	Air Particle Filter	Cs-134	< mda		µCi/sec	2.50E-13	Clear	PVMGS Sample # 2-11-0507, 23-hour sample
57	Palo Verde Nuclear Generating Station	4/3/2011	7:30	On Site	Air Particle Filter	Cs-137	< mda		µCi/sec	3.40E-13	Clear	PVMGS Sample # 2-11-0507
58	South Texas Project Electric Generating Station One and Two	4/3/2011	8:41	On Site	Air Charcoal	I-131	< MDA		µCi/sec	2.59E-14	Clear	24 h sample; date/time listed is sample start time
59	South Texas Project Electric Generating Station One and Two	4/3/2011	8:41	On Site	Air Particle Filter	I-131	< MDA		µCi/sec	2.70E-14	Clear	24 h sample; date/time listed is sample start time
60	San Onofre Nuclear Generating Station	4/3/2011	9:00	On Site	Air Particle Filter	Cs-137	8.50E-14		µCi/sec		Clear	
61	San Onofre Nuclear Generating Station	4/3/2011	9:00	On Site	Air Charcoal	I-131	< MDA		µCi/sec	7.60E-14	Clear	
62	San Onofre Nuclear Generating Station	4/3/2011	9:30	Off Site	Air Particle Filter	Cs-137	< MDA		µCi/sec	1.10E-13	Clear	
63	San Onofre Nuclear Generating Station	4/3/2011	9:00	Off Site	Air Charcoal	I-131	< MDA		µCi/sec	9.00E-14	Clear	
64	San Onofre Nuclear Generating Station	4/3/2011	9:00	On Site	Air Particle Filter	Cs-137	8.90E-14		µCi/sec		Clear	
65	San Onofre Nuclear Generating Station	4/3/2011	9:00	On Site	Air Charcoal	I-131	9.60E-14		µCi/sec		Clear	
66	San Onofre Nuclear Generating Station	4/3/2011	9:30	Off Site	Air Particle Filter	Cs-137	< MDA		µCi/sec	5.60E-14	Clear	
67	San Onofre Nuclear Generating Station	4/3/2011	9:03	Off Site	Air Charcoal	I-131	5.70E-14		µCi/sec		Clear	
68	St. Louis Nuclear Power Plant	4/2/2011	12:45	On Site	Air Charcoal	I-131	1.29E-13		µCi/sec		Clear	Sample pulled at Warehouse (south of plant)
69	Columbia Generating Station	4/2/2011	9:30	On Site	Air Charcoal	I-131	< mda		µCi/sec		Clear	24 hour air sample
70	South Texas Project Electric Generating Station One and Two	4/2/2011	8:41	On Site	Air Particle Filter	I-131	< MDA		µCi/sec	2.70E-14	Clear	24 h sample; date/time listed is sample start time
71	South Texas Project Electric Generating Station One and Two	4/2/2011	8:41	On Site	Air Charcoal	I-131	2.54E-14		µCi/sec		Clear	24 h sample; date/time listed is sample start time
72	Palo Verde Nuclear Generating Station	4/2/2011	9:00	On Site	Air Charcoal	I-131	< mda		µCi/sec	2.02E-13	Clear	PVMGS Sample # 2-11-0497, 27-hour sample
73	Palo Verde Nuclear Generating Station	4/2/2011	9:00	On Site	Air Particle Filter	Cs-134	< mda		µCi/sec	3.09E-13	Clear	PVMGS Sample # 2-11-0496, 27-hour sample
74	Palo Verde Nuclear Generating Station	4/2/2011	9:00	On Site	Air Particle Filter	Cs-137	< mda		µCi/sec	3.03E-13	Clear	PVMGS Sample # 2-11-0496, 27-hour sample
75	Palo Verde Nuclear Generating Station	4/1/2011	11:02	On Site	Air Charcoal	I-131	< mda		µCi/sec	1.56E-13	Clear	PVMGS Sample # 2-11-0486, 27-hour sample
76	Palo Verde Nuclear Generating Station	4/1/2011	11:02	On Site	Air Particle Filter	Cs-134	< mda		µCi/sec	2.73E-13	Clear	PVMGS Sample # 2-11-0487, 27-hour sample
77	Palo Verde Nuclear Generating Station	4/1/2011	11:02	On Site	Air Particle Filter	Cs-137	< mda		µCi/sec	2.72E-13	Clear	PVMGS Sample # 2-11-0487, 27-hour sample
78	Prairie Island Nuclear Generating Plant	4/1/2011	3:05	On Site	Rain Water	I-131	21.1		pCi/L	7.3	Rain	Location S-6 0.05 mi N of PI
79	South Texas Project Electric Generating Station One and Two	4/1/2011	8:41	On Site	Air Charcoal	I-131	4.11E-14		µCi/sec		Clear	24 h sample; date/time listed is sample start time
80	South Texas Project Electric Generating Station One and Two	4/1/2011	8:41	On Site	Air Particle Filter	I-131	< MDA		µCi/sec	1.68E-14	Clear	24 h sample; date/time listed is sample start time
81	Wolf Creek Generating Station	4/1/2011	8:25	On Site	Rain Water	I-131	1.66E-08		µCi/ml	6.60E-09		Stream water; run off
82	Wolf Creek Generating Station	4/1/2011	17:40	Off Site	Rain Water	I-131	1.23E-08		µCi/ml	6.60E-09		Ditch water located ~4 miles east of site
83	Wolf Creek Generating Station	4/1/2011	17:52	Off Site	Rain Water	I-131	1.56E-08		µCi/ml	6.60E-09		Puddle located ~4 miles from site
84	Wolf Creek Generating Station	4/1/2011	18:00	Off Site	Rain Water	I-131	2.20E-09		µCi/ml	6.30E-09		Puddle ~4 miles from site New Strawn, KS
85	Columbia Generating Station	4/1/2011	9:30	On Site	Air Charcoal	I-131	< mda		µCi/sec			24 hour air sample
86	San Onofre Nuclear Generating Station	4/1/2011	9:00	On Site	Air Particle Filter	Cs-137	< MDA		µCi/sec	1.33E-13	Clear	
87	San Onofre Nuclear Generating Station	4/1/2011	9:00	On Site	Air Charcoal	I-131	< MDA		µCi/sec	1.40E-13	Clear	
88	San Onofre Nuclear Generating Station	4/1/2011	9:00	Off Site	Air Particle Filter	Cs-137	1.60E-13		µCi/sec		Clear	
89	San Onofre Nuclear Generating Station	4/1/2011	9:00	Off Site	Air Charcoal	I-131	1.40E-13		µCi/sec		Clear	

90	Calvert Cliffs Nuclear Power Plant	4/1/2011	14:00	On Site	Rain Water	I-131	1.46E-07		µCi/cc		Rain	The sample was a composite rain water sample from many on-site locations.
91	Calvert Cliffs Nuclear Power Plant	4/1/2011	14:00	On Site	Rain Water	Cs-137	1.06E-06		µCi/cc		Rain	The sample was a composite rain water sample from many on-site locations.
92	NextEra Energy Seabrook	4/1/2011	2:30	On Site	Other	I-131	< mda		pCi/L	3.94	Snow	snow, wet (OSB 36° North end)
93	NextEra Energy Seabrook	4/1/2011	2:30	On Site	Other	I-131	< .05		pCi/L		Snow	snow, wet (Production Warehouse 36° South end)
94	North Anna Power Station	4/1/2011	2:30	Off Site	Rain Water	I-131	< mda		µCi/ml	1.7E-8	Rain	22 miles NE of plant
95	Byron Station	4/1/2011	0:00	Off Site	Rain Water	I-131	40.8		pCi/L		Rain	20 miles NE of plant
96	Byron Station	4/1/2011	0:00	Off Site	Rain Water	Cs-134	5.91		pCi/L		Rain	20 miles NE of plant
97	Three Mile Island Nuclear Station	4/1/2011	0:00	On Site	Rain Water	I-131	39.3		pCi/L		Rain	
98	Quad Cities Station	4/1/2011	0:00	Off Site	Rain Water	I-131	167		pCi/L		Rain	
99	Quad Cities Station	4/1/2011	0:00	Off Site	Rain Water	I-131	111		pCi/L		Rain	
100	Susquehanna Steam Electric Station	4/1/2011	14:50	Off Site	Air Charcoal	I-131	0.105		pCi/meter3	0.0423	Rain	Loc 554 (0.8 mile E of plant) Portable air station J-ONS-4B; setup near an onsite REM-P air station
101	Donald C. Cook Nuclear Plant	4/1/2011	9:30	On Site	Air Charcoal	I-131	< MDA		µCi/cc	~ 7.16E-14		Portable air station J-DOW-B, setup > 20 miles offsite for a background air sample station
102	Donald C. Cook Nuclear Plant	4/1/2011	5:10	Off Site	Air Charcoal	I-131	< MDA		µCi/cc	~ 6.15E-14		Portable air station J-ONS-4B; setup near an onsite REM-P air station
103	Donald C. Cook Nuclear Plant	3/31/2011	14:22	On Site	Air Charcoal	I-131	< MDA		µCi/cc	~ 4.47E-14		Portable air station J-DOW-B, setup > 20 miles offsite for a background air sample station
104	Donald C. Cook Nuclear Plant	3/31/2011	6:05	Off Site	Air Charcoal	I-131	6.70E-14		µCi/cc	~ 4.47E-14		OSB 36° North end
105	NextEra Energy Seabrook	3/31/2011	3:47	On Site	Air Charcoal	I-131	5.15E-05		pCi/L		Clear	24 miles WNW of plant
106	North Anna Power Station	3/31/2011	1:00	Off Site	Rain Water	I-131	7.93 E-8		µCi/ml		Rain	24 miles NW of plant
107	North Anna Power Station	3/31/2011	0:00	Off Site	Rain Water	I-131	9.84 E-8		µCi/ml		Rain	5.5 miles WSW of plant
108	North Anna Power Station	3/31/2011	0:00	Off Site	Rain Water	I-131	1.76 E-7		µCi/ml		Rain	51 miles SSE of plant
109	North Anna Power Station	3/31/2011	0:00	Off Site	Rain Water	I-131	3.25 E-8		µCi/ml		Rain	30 miles SE of plant
110	North Anna Power Station	3/31/2011	0:00	Off Site	Rain Water	I-131	7.15 E-8		µCi/ml		Clear	Loc 554 (0.8 mile E of plant) Routine monthly REM-P sample of ground water at Site
111	Susquehanna Steam Electric Station	3/31/2011	14:50	Off Site	Air Charcoal	I-131	0.163		pCi/meter3	0.061	Clear	MS4, NNE 4 miles. Control sample point located 19 miles NW.
112	Palo Verde Nuclear Generating Station	3/31/2011	10:00	Off Site	Milk	I-131	2		pCi/L		Clear	24 hr grab 2.6 miles SSE of plant
113	River Bend Station	3/31/2011	16:00	Off Site	Vegetation	I-131	70.26		pCi/yr		Clear	PVNGS Sample # 2-11-0482, 22-hour sample
114	V. C. Summer Nuclear Station	3/31/2011	11:30	Off Site	Air Charcoal	I-131	0.2168		pCi/meter3		Clear	PVNGS Sample # 2-11-0481, 22-hour sample
115	Palo Verde Nuclear Generating Station	3/31/2011	8:05	On Site	Air Charcoal	I-131	< mda		µCi/cc	2.91E-13	Clear	PVNGS Sample # 2-11-0481, 22-hour sample
116	Palo Verde Nuclear Generating Station	3/31/2011	8:05	On Site	Air Particle Filter	Cs-134	< mda		µCi/cc	4.04E-13	Clear	PVNGS Sample # 2-11-0481, 22-hour sample
117	Palo Verde Nuclear Generating Station	3/31/2011	8:05	On Site	Air Particle Filter	Cs-137	< mda		µCi/cc	2.88E-13	Clear	PVNGS Sample # 2-11-0481, 22-hour sample
118	V. C. Summer Nuclear Station	3/31/2011	15:05	Off Site	Rain Water	I-131	17.79		pCi/L		Rain	2.6 miles SSE of plant
119	South Texas Project Electric Generating Station One and Two	3/31/2011	8:41	On Site	Air Charcoal	I-131	1.03E-13		µCi/cc		Clear	24 h sample; date/time listed is sample start time
120	South Texas Project Electric Generating Station One and Two	3/31/2011	8:41	On Site	Air Particle Filter	I-131	< MDA		µCi/cc	1.61E-14	Clear	24 h sample; date/time listed is sample start time
121	San Onofre Nuclear Generating Station	3/31/2011	5:00	On Site	Air Charcoal	I-131	< MDA		µCi/cc	1.50E-13	Clear	
122	San Onofre Nuclear Generating Station	3/31/2011	9:00	On Site	Air Particle Filter	Cs-137	1.52E-13		µCi/cc		Clear	
123	San Onofre Nuclear Generating Station	3/31/2011	9:00	Off Site	Air Charcoal	I-131	1.90E-13		µCi/cc		Clear	
124	San Onofre Nuclear Generating Station	3/31/2011	9:00	Off Site	Air Particle Filter	Cs-137	1.80E-13		µCi/cc		Clear	
125	Columbia Generating Station	3/31/2011	9:30	On Site	Air Charcoal	I-131	< mda				Clear	24 hour air sample
126	NextEra Energy Point Beach	3/30/2011	13:00	On Site	Air Particle Filter	I-131	0.0399		pCi/meter3	0.03	Clear	Weekly composite air sample from the six I-131 charcoal cartridge air samples from 3/30/2011. 0.0399 +/- 0.0038 pCi/m3. For comparison the following levels of naturally occurring radionuclides were found: Be-7 = 0.1917 +/- 0.0277 and K-40 = 0.0404 +/- 0.0145 pCi/m3.
127	Turkey Point Nuclear Power Plant	3/30/2011	16:50	Off Site	Air Particle Filter	I-131	< mda		pCi/L	1.17E-04	Clear	
128	Turkey Point Nuclear Power Plant	3/30/2011	16:50	Off Site	Air Charcoal	I-131	< mda		pCi/L	8.76E-06	Clear	Portable air station J-ONS-4B; setup near an onsite REM-P air station
129	Donald C. Cook Nuclear Plant	3/30/2011	10:19	On Site	Air Charcoal	I-131	< MDA		µCi/cc	~ 4.78E-14		
130	Turkey Point Nuclear Power Plant	3/30/2011	14:30	Off Site	Air Particle Filter	I-131	< mda		pCi/L	1.17E-04	Clear	
131	Turkey Point Nuclear Power Plant	3/30/2011	14:30	Off Site	Air Charcoal	I-131	< mda		pCi/L	8.76E-06	Clear	
132	Donald C. Cook Nuclear Plant	3/30/2011	5:00	Off Site	Air Charcoal	I-131	< MDA		µCi/cc	5.46E-14		Portable air station J-DOW-B, setup > 20 miles offsite for a background air sample station

133	Susquehanna Steam Electric Station	3/30/2011	14:50	Off Site	Air Particle Filter	Other	0.0467	pCi/meter ³	0.00653	Clear	Loc 554 gross beta (0.8 mile E of plant)
134	Susquehanna Steam Electric Station	3/30/2011	9:15	Off Site	Air Particle Filter	Other	0.0214	pCi/meter ³	0.00289	Rain	Loc 352 gross beta (0.5 mile NE of plant)
135	Susquehanna Steam Electric Station	3/30/2011	10:53	Off Site	Air Particle Filter	Other	0.0216	pCi/meter ³	0.00282	Rain	Loc 861 gross beta (13.5 miles ESE of plant)
136	Susquehanna Steam Electric Station	3/30/2011	11:25	Off Site	Air Particle Filter	Other	0.0223	pCi/meter ³	0.00275	Rain	Loc 861 gross beta (12 miles SSE of plant)
137	Diablo Canyon Power Plant	3/30/2011	9:09	Off Site	Other	Other	0.242		0.187	Clear	Total Strontium, pCi/pad, Sticky Pad about 1'X 3', with 7 day exposure, Station OS2, Site Boundary, NW at 0.5 miles from DCCP, sample date is pull date Total Strontium, pCi/pad, Sticky Pad about 1'X 3', with 7 day exposure, Station SF1, San Luis Obispo, ENE at 10.2 miles from DCCP, sample date is pull date
138	Diablo Canyon Power Plant	3/30/2011	11:30	Off Site	Other	Other	< MDA			Clear	date
139	Susquehanna Steam Electric Station	3/30/2011	10:01	Off Site	Air Particle Filter	Other	0.0239	pCi/meter ³	0.00315	Rain	Loc 12E1 gross beta (1.7 miles WSW of plant)
140	Susquehanna Steam Electric Station	3/30/2011	9:29	Off Site	Air Particle Filter	Other	0.0272	pCi/meter ³	0.00312	Rain	Loc 1356 gross beta (0.4 mile W of plant)
141	Susquehanna Steam Electric Station	3/30/2011	9:44	Off Site	Air Particle Filter	Other	0.0201	pCi/meter ³	0.00318	Rain	Loc 1251 gross beta (0.4 mile WSW of plant)
142	Oyster Creek Nuclear Generating Station	3/30/2011	8:00	On Site	Air Charcoal	I-131	0.062	pCi/meter ³		Clear	
143	Limerick Generating Station	3/30/2011	10:10	Off Site	Milk	I-131	< mda	pCi/meter ³		Clear	
144	North Anna Power Station	3/30/2011	2:35	On Site	Air Charcoal	I-131	3.78 E-13		µCi/cc		0.3 miles NW of the plant
145	North Anna Power Station	3/30/2011	2:38	On Site	Air Charcoal	I-131	3.15 E-13		µCi/cc		0.6 miles SE of the plant pCi/pad, Sticky Pad about 1'X 3', with 1 week exposure, Station OS2, Site Boundary, NW at 0.5 miles from DCCP
146	Diablo Canyon Power Plant	3/30/2011	9:09	Off Site	Other	Cs-137	44.8		9.06	Clear	Station 701, front gate to DCCP in Avila Beach, ESE at 6.5 miles from DCCP, 7 day run (pulled on sample date)
147	Diablo Canyon Power Plant	3/30/2011	8:20	Off Site	Air Charcoal	I-131	0.314	pCi/meter ³	5.74E-03	Clear	Station SF1, San Luis Obispo, ENE at 10.2 miles from DCCP, 7 day run (pulled on sample date)
148	Diablo Canyon Power Plant	3/30/2011	7:54	Off Site	Air Charcoal	I-131	0.325	pCi/meter ³	3.53E-03	Clear	Station BS1, Onsite, SE at 0.5 miles from DCCP, 7 day run (pulled on sample date)
149	Diablo Canyon Power Plant	3/30/2011	8:49	On Site	Air Charcoal	I-131	0.358	pCi/meter ³	8.39E-03	Clear	Station OS2, Site Boundary, NW at 0.5 miles from DCCP, 7 day run (pulled on sample date)
150	Diablo Canyon Power Plant	3/30/2011	9:09	Off Site	Air Charcoal	I-131	0.394	pCi/meter ³	6.97E-03	Clear	Station OS2, Site Boundary, NW at 0.5 miles from DCCP, 7 day run (pulled on sample date)
151	Grand Gulf Nuclear Station	3/30/2011	12:00	Off Site	Air Charcoal	I-131	0.0724	pCi/meter ³	0.07	Rain	Sample collected from AS-3 (Vicksburg) 3/21-3/30 pCi/pad, Sticky Pad about 1'X 3', with 1 week exposure, Station SF1, San Luis Obispo, ENE at 10.2 miles from DCCP
152	Diablo Canyon Power Plant	3/30/2011	11:30	Off Site	Other	I-131	25.7		10	Clear	pCi/pad, Sticky Pad about 1'X 3', with 1 week exposure, Station SF1, San Luis Obispo, ENE at 10.2 miles from DCCP
153	Diablo Canyon Power Plant	3/30/2011	11:30	Off Site	Other	Cs-134	43		10.6	Clear	pCi/pad, Sticky Pad about 1'X 3', with 1 week exposure, Station SF1, San Luis Obispo, ENE at 10.2 miles from DCCP
154	Diablo Canyon Power Plant	3/30/2011	11:30	Off Site	Other	Cs-137	42.2		7.77	Clear	miles from DCCP pCi/pad, Sticky Pad about 1'X 3', with 1 week exposure, Station SF1, San Luis Obispo, ENE at 10.2 miles from DCCP
155	Diablo Canyon Power Plant	3/30/2011	9:09	Off Site	Other	I-131	18.3		8.43	Clear	miles from DCCP pCi/pad, Sticky Pad about 1'X 3', with 1 week exposure, Station OS2, Site Boundary, NW at 0.5 miles from DCCP
156	Diablo Canyon Power Plant	3/30/2011	9:09	Off Site	Other	Cs-134	70.1		9.66	Clear	miles from DCCP
157	Monticello Nuclear Generating Plant	3/30/2011	9:00	Off Site	Air Charcoal	I-131	0.066	pCi/meter ³	0.03	Clear	11.0 miles NW
158	Monticello Nuclear Generating Plant	3/30/2011	9:00	On Site	Air Charcoal	I-131	0.055	pCi/meter ³	0.03	Clear	0.8 miles SE
159	Monticello Nuclear Generating Plant	3/30/2011	9:00	On Site	Air Charcoal	I-131	0.05	pCi/meter ³	0.03	Clear	0.6 miles ESE
160	Monticello Nuclear Generating Plant	3/30/2011	9:00	On Site	Air Charcoal	I-131	0.061	pCi/meter ³	0.03	Clear	0.8 miles SSE
161	Monticello Nuclear Generating Plant	3/30/2011	9:00	Off Site	Air Charcoal	I-131	0.047	pCi/meter ³	0.03	Clear	2.6 miles SE
162	Susquehanna Steam Electric Station	3/30/2011	9:29	Off Site	Air Particle Filter	Other	0.04667	pCi/meter ³	0.001454	Clear	Loc 1356Q gross beta (0.4 mile W of plant)
163	Three Mile Island Nuclear Station	3/30/2011	10:10	Off Site	Milk	I-131	< mda	pCi/meter ²		Clear	Control Dairy
164	Susquehanna Steam Electric Station	3/30/2011	14:50	Off Site	Air Charcoal	I-131	0.062	pCi/meter ³	0.012	Clear	Loc 554 (0.8 mile E of the plant)
165	Susquehanna Steam Electric Station	3/30/2011	11:25	Off Site	Air Charcoal	I-131	0.0371	pCi/meter ³	0.0167	Clear	Loc 352 (0.5 mile NE of plant)
166	Susquehanna Steam Electric Station	3/30/2011	9:29	Off Site	Air Charcoal	I-131	0.053	pCi/meter ³	0.0126	Clear	Loc 1356 (0.4 mile W of plant)
167	Susquehanna Steam Electric Station	3/30/2011	9:25	Off Site	Air Charcoal	I-131	0.0429	pCi/meter ³	0.0172	Clear	Loc 1251 (0.4 mile WSW of plant)
168	Susquehanna Steam Electric Station	3/30/2011	10:01	Off Site	Air Charcoal	I-131	0.0429	pCi/meter ³	0.0158	Clear	Loc 12E1 (1.7 miles WSW of plant)
169	Susquehanna Steam Electric Station	3/30/2011	10:53	Off Site	Air Charcoal	I-131	0.063	pCi/meter ³	0.0173	Clear	Loc 861 (13.5 miles ESE of plant)

170	Susquehanna Steam Electric Station	3/30/2011	11:25	Off Site	Air Charcoal	I-131	0.0233	pCi/meter ³	0.019	Clear	Loc 861 (12 miles SSE of plant)
171	Susquehanna Steam Electric Station	3/30/2011	10:04	Off Site	Other	I-131	< mda	pCi/L	5.85	Clear	Loc 17H2 Drinking Water (26 miles WSW of plant)
172	Susquehanna Steam Electric Station	3/30/2011	11:39	Off Site	Other	I-131	< mda	pCi/L	6.16	Clear	Loc 656 River Intake (0.8 mile ESE of plant)
173	Diablo Canyon Power Plant	3/30/2011	7:54	Off Site	Air Particle Filter	I-131	0.04027	pCi/meter ³	0.0052	Clear	Station SF1, San Luis Obispo, ENE at 10.2 miles from DCCP, 7 day run (pulled on sample date)
174	Diablo Canyon Power Plant	3/30/2011	7:54	Off Site	Air Particle Filter	Cs-137	0.0122	pCi/meter ³	0.0045	Clear	Station SF1, San Luis Obispo, ENE at 10.2 miles from DCCP, 7 day run (pulled on sample date)
175	Diablo Canyon Power Plant	3/30/2011	7:54	Off Site	Air Particle Filter	Cs-134	0.01056	pCi/meter ³	0.0054	Clear	Station SF1, San Luis Obispo, ENE at 10.2 miles from DCCP, 7 day run (pulled on sample date)
176	Diablo Canyon Power Plant	3/30/2011	8:20	Off Site	Air Particle Filter	I-131	0.03771	pCi/meter ³	0.0049	Clear	Station 7D1, front gate to DCCP in Avila Beach, ESE at 6.6 miles from DCCP, 7 day run (pulled on sample date)
177	Diablo Canyon Power Plant	3/30/2011	8:20	Off Site	Air Particle Filter	Cs-137	0.01	pCi/meter ³	0.0049	Clear	Station 7D1, front gate to DCCP in Avila Beach, ESE at 6.6 miles from DCCP, 7 day run (pulled on sample date)
178	Diablo Canyon Power Plant	3/30/2011	8:20	Off Site	Air Particle Filter	Cs-134	0.0068	pCi/meter ³	0.0042	Clear	Station 7D1, front gate to DCCP in Avila Beach, ESE at 6.6 miles from DCCP, 7 day run (pulled on sample date)
179	Diablo Canyon Power Plant	3/30/2011	8:49	On Site	Air Particle Filter	I-131	0.05369	pCi/meter ³	0.0046	Clear	Stat on BS1, On-site, SE at 0.5 miles from DCCP, 7 day run (pulled on sample date)
180	Diablo Canyon Power Plant	3/30/2011	8:49	On Site	Air Particle Filter	Cs-137	0.01359	pCi/meter ³	0.0048	Clear	Station BS1, On-site, SE at 0.5 miles from DCCP, 7 day run (pulled on sample date)
181	Diablo Canyon Power Plant	3/30/2011	8:49	On Site	Air Particle Filter	Cs-134	0.01327	pCi/meter ³	0.0055	Clear	Stat on BS1, On-site, SE at 0.5 miles from DCCP, 7 day run (pulled on sample date)
182	Diablo Canyon Power Plant	3/30/2011	9:09	Off Site	Air Particle Filter	I-131	0.03627	pCi/meter ³	0.0049	Clear	Station BS2, Site Boundary, NW at 0.5 miles from DCCP, 7 day run (pulled on sample date)
183	Diablo Canyon Power Plant	3/30/2011	9:09	Off Site	Air Particle Filter	Cs-137	0.01542	pCi/meter ³	0.0056	Clear	Station BS2, Site Boundary, NW at 0.5 miles from DCCP, 7 day run (pulled on sample date)
184	Fort Calhoun Station	3/30/2011	13:00	Off Site	Air Charcoal	I-131	0.132	pCi/meter ³		Clear	Sector K 207 degrees from true North 0.59 miles from center of Containment
185	Fort Calhoun Station	3/30/2011	13:00	Off Site	Air Charcoal	I-131	0.128	pCi/meter ³		Clear	Sector P 305 degrees from true North 2.86 miles from center of Containment
186	Fort Calhoun Station	3/30/2011	13:00	On Site	Air Charcoal	I-131	0.133	pCi/meter ³		Clear	Sector L 221 degrees from true North 19.6 miles from center of Containment. Control sample location.
187	Fort Calhoun Station	3/30/2011	13:00	Off Site	Air Charcoal	I-131	0.114	pCi/meter ³		Clear	Sector G 114 degrees from true North 1.57 miles from center of Containment.
188	Fort Calhoun Station	3/30/2011	13:00	Off Site	Air Charcoal	I-131	0.129	pCi/meter ³		Clear	Sector I 175 degrees from true North 0.73 miles from center of Containment.
189	Fort Calhoun Station	3/30/2011	13:00	Off Site	Air Charcoal	I-131	0.12	pCi/meter ³		Clear	Sector H 163 degrees from true North 0.65 miles from center of Containment
190	NexEra Energy Point Beach	3/30/2011	13:17	On Site	Air Charcoal	I-131	0.08	pCi/meter ³	0.03	Clear	0.060 +/- 0.022 95% CONFIDENCE LIMIT 2400' SSE SECTOR
191	NexEra Energy Point Beach	3/30/2011	12:57	On Site	Air Charcoal	I-131	0.058	pCi/meter ³	0.03	Clear	0.058 +/- 0.023 4200' SSW SECTOR
192	NexEra Energy Point Beach	3/30/2011	13:55	On Site	Air Charcoal	I-131	0.068	pCi/meter ³	0.03	Clear	0.068 +/- 0.019 4200' W SECTOR
193	NexEra Energy Point Beach	3/30/2011	13:44	On Site	Air Particle Filter	I-131	0.125	pCi/meter ³	0.03	Clear	0.125 +/- 0.027 6000' NNW SECTOR
194	NexEra Energy Point Beach	3/30/2011	14:12	Off Site	Air Charcoal	I-131	0.086	pCi/meter ³	0.03	Clear	0.086 +/- 0.023 5.6 MILES WNW SECTOR
195	NexEra Energy Point Beach	3/30/2011	15:28	Off Site	Air Charcoal	I-131	0.122	pCi/meter ³	0.03	Clear	0.122 +/- 0.025 1.7 MILES WSW SECTOR
196	Grand Gulf Nuclear Station	3/30/2011	12:00	On Site	Rain Water	I-131	5.70E-09	µCi/ml	+/-2.6E-9	Rain	Reycle Condensate Storage Tank discharge area inside RCA
197	Columbia Generating Station	3/30/2011	9:30	On Site	Air Charcoal	I-131	< mda			Clear	24-hour air sample
198	South Texas Project Electric Generating Station One and Two	3/30/2011	8:41	On Site	Air Charcoal	I-131	1.08E-13	µCi/cc		Clear	24-h sample; date/time listed is sample start time
199	South Texas Project Electric Generating Station One and Two	3/30/2011	8:41	On Site	Air Particle Filter	I-131	< MDA	µCi/cc	4.91E-14	Clear	24-h sample; date/time listed is sample start time
200	Palo Verde Nuclear Generating Station	3/30/2011	10:32	On Site	Air Charcoal	I-131	< mda	µCi/cc	2.57E-13	Clear	PVNGS Sample # 2-11-0471, 24-hour sample
201	Palo Verde Nuclear Generating Station	3/30/2011	10:32	On Site	Air Particle Filter	Cs-134	< mda	µCi/cc	3.49E-13	Clear	PVNGS Sample # 2-11-0470, 24-hour sample
202	Palo Verde Nuclear Generating Station	3/30/2011	10:32	On Site	Air Particle Filter	Cs-137	< mda	µCi/cc	2.55E-13	Clear	PVNGS Sample # 2-11-0470, 24-hour sample
203	V. C. Summer Nuclear Station	3/30/2011	15:00	Off Site	Air Charcoal	I-131	0.234	pCi/meter ³		Rain	24hr grab 2.6 miles SSE of plant
204	V. C. Summer Nuclear Station	3/30/2011	15:00	Off Site	Rain Water	I-131	15.73	pCi/L		Rain	2.6 miles SSE of plant
205	San Onofre Nuclear Generating Station	3/30/2011	9:00	On Site	Air Particle Filter	Cs-137	< MDA	µCi/cc	1.50E-13	Other	Foggy
206	San Onofre Nuclear Generating Station	3/30/2011	9:00	On Site	Air Charcoal	Cs-137	1.90E-13	µCi/cc		Other	Foggy

207	San Onofre Nuclear Generating Station	3/30/2011	9:00	On Site	Air Charcoal	I-131	2.20E-13	µCi/cc		Other	Foggy
208	San Onofre Nuclear Generating Station	3/30/2011	9:00	Off Site	Air Particle Filter	Cs-137	3.10E-13	µCi/cc		Other	Foggy
209	San Onofre Nuclear Generating Station	3/30/2011	9:00	Off Site	Air Charcoal	I-131	2.10E-13	µCi/cc		Other	Foggy
210	Nine Mile Point Nuclear Station	3/29/2011	12:00	Off Site	Air Charcoal	I-131	0.038	µCi/meter ³		Rain	Weather Mix of Rain/ Snow during sample period 3/22/2011 - 3/29/2011
211	Nine Mile Point Nuclear Station	3/29/2011	12:00	Off Site	Air Charcoal	I-131	0.034	µCi/meter ³		Rain	Weather Mix of Rain/ Snow during sample period 3/22/2011 - 3/29/2011
212	Nine Mile Point Nuclear Station	3/29/2011	12:00	Off Site	Air Charcoal	I-131	0.033	µCi/meter ³		Rain	Weather Mix of Rain/ Snow during sample period 3/22/2011 - 3/29/2011
213	Nine Mile Point Nuclear Station	3/29/2011	12:00	Off Site	Air Charcoal	I-131	0.042	µCi/meter ³		Rain	Weather Mix of Rain/ Snow during sample period 3/22/2011 - 3/29/2011
214	Nine Mile Point Nuclear Station	3/29/2011	12:00	Off Site	Air Charcoal	I-131	0.032	µCi/meter ³		Rain	Weather Mix of Rain/ Snow during sample period 3/22/2011 - 3/29/2011
215	Nine Mile Point Nuclear Station	3/29/2011	12:00	Off Site	Air Charcoal	I-131	0.018	µCi/meter ³		Rain	Weather Mix of Rain/ Snow during sample period 3/22/2011 - 3/29/2011
216	Nine Mile Point Nuclear Station	3/29/2011	12:00	Off Site	Air Charcoal	I-131	0.028	µCi/meter ³		Rain	Weather Mix of Rain/ Snow during sample period 3/22/2011 - 3/29/2011
217	Nine Mile Point Nuclear Station	3/29/2011	12:00	Off Site	Air Charcoal	I-131	0.046	µCi/meter ³		Rain	Weather Mix of Rain/ Snow during sample period 3/22/2011 - 3/29/2011
218	Nine Mile Point Nuclear Station	3/29/2011	12:00	Off Site	Air Charcoal	I-131	0.025	µCi/meter ³		Rain	Weather Mix of Rain/ Snow during sample period 3/22/2011 - 3/29/2011
219	Watts Bar Nuclear Plant	3/29/2011	9:04	On Site	Air Charcoal	I-131	0.08	µCi/meter ³	0.03		
220	Watts Bar Nuclear Plant	3/29/2011	9:32	On Site	Air Charcoal	I-131	0.09	µCi/meter ³	0.03		
											Iodine-131 was identified in our weekly effluent samples taken from the Radwaste Building Stack. The concentration was approximately the same as the positive environmental samples. The plant has no indication of fuel failures at this time. Containment air samples showed no iodine for the same sample.
221	Fort Calhoun Station	3/29/2011	6:29	On Site	Air Charcoal	I-131	1.28E-13	µCi/cc			
222	Prange Island Nuclear Generating Plant	3/29/2011	11:35	Off Site	Air Charcoal	I-131	0.08	µCi/meter ³		Clear	Location P-11.8 mi NNW of PI
											Iodine-131 was identified in our weekly effluent samples taken from the Auxiliary Building Stack. The concentration was approximately the same as the positive environmental samples. The plant has no indication of fuel failures at this time. Containment air samples showed no iodine for the same sample.
223	Fort Calhoun Station	3/29/2011	6:29	On Site	Air Charcoal	I-131	1.02E-13	µCi/cc			
224	San Onofre Nuclear Generating Station	3/29/2011	9:00	Off Site	Air Charcoal	I-131	1.00E-13	µCi/cc		Clear	
225	Palo Verde Nuclear Generating Station	3/29/2011	10:20	On Site	Air Charcoal	I-131	1.44E-13	µCi/cc		Clear	PVNGS Sample # 2-11-0462, 24-hour sample
226	Palo Verde Nuclear Generating Station	3/29/2011	10:20	On Site	Air Particle Filter	Cs-134	< mda	µCi/cc	3.51E-13	Clear	PVNGS Sample # 2-11-0462, 24-hour sample
227	Palo Verde Nuclear Generating Station	3/29/2011	10:20	On Site	Air Particle Filter	Cs-137	< mda	µCi/cc	2.96E-13	Clear	PVNGS Sample # 2-11-0462, 24-hour sample
228	San Onofre Nuclear Generating Station	3/29/2011	9:00	On Site	Air Charcoal	I-131	2.00E-13	µCi/cc		Clear	
229	San Onofre Nuclear Generating Station	3/29/2011	9:00	On Site	Air Particle Filter	Cs-137	< MDA	µCi/cc	2.00E-13	Clear	
230	San Onofre Nuclear Generating Station	3/29/2011	9:00	Off Site	Air Particle Filter	Cs-137	7.00E-13	µCi/cc		Clear	
231	Comanche Peak Nuclear Power Plant	3/29/2011	8:00	Off Site	Air Charcoal	I-131	1.82E-13	µCi/cc	6.73E-14	Clear	
232	Comanche Peak Nuclear Power Plant	3/29/2011	9:00	Off Site	Air Particle Filter		< mda			Clear	
233	V. C. Summer Nuclear Station	3/29/2011	15:00	Off Site	Air Charcoal	I-131	0.2339	µCi/meter ³		Clear	24 hr grab 7.6 miles SSE of plant
											Sample was taken within the Owner Controlled Area but outside Protected Area, 0.6 miles NE of plant.
234	Palsades Nuclear Plant	3/29/2011	10:30	On Site	Air Charcoal	I-131	0.088	µCi/meter ³	0.07	Clear	
235	Palsades Nuclear Plant	3/29/2011	10:42	Off Site	Air Charcoal	I-131	0.071	µCi/meter ³	0.07	Clear	Sample was taken 1.5 miles south of the plant.
236	Palsades Nuclear Plant	3/29/2011	10:51	Off Site	Air Charcoal	I-131	0.08	µCi/meter ³	0.07	Clear	Sample was taken 3.9 miles SE of plant.
237	Palsades Nuclear Plant	3/29/2011	10:58	Off Site	Air Charcoal	I-131	0.098	µCi/meter ³	0.07	Clear	Sample was taken 3.8 miles ESE of plant.
											Routine 7 day environmental sample. Date is sample STOP date. Time approximate, +/- 5 hours. Location at site boundary *1 mile N from units.
238	South Texas Project Electric Generating Station One and Two	3/29/2011	12:00	On Site	Air Charcoal	I-131	8.19E-14	µCi/cc		Clear	

239	South Texas Project Electric Generating Station One and Two	3/29/2011	12:00	On Site	Air Charcoal	I-131	1.07E-13	µCi/cc	Clear	Routine 7 day environmental sample. Date is sample STOP date. Time approximate, +/- 5 hours. Location at site boundary ~1 mile NW from units.
240	South Texas Project Electric Generating Station One and Two	3/29/2011	12:00	On Site	Air Charcoal	I-131	9.92E-14	µCi/cc	Clear	Routine 7 day environmental sample. Date is sample STOP date. Time approximate, +/- 5 hours. Location at site boundary ~1 mile NNW from units.
241	South Texas Project Electric Generating Station One and Two	3/29/2011	12:00	Off Site	Air Charcoal	I-131	1.06E-14	µCi/cc	Clear	Routine 7 day environmental sample. Date is sample STOP date. Time approximate, +/- 5 hours. Location 5.5 miles NNE from units.
242	South Texas Project Electric Generating Station One and Two	3/29/2011	12:00	Off Site	Air Charcoal	I-131	9.13E-14	µCi/cc	Clear	Routine 7 day environmental sample. Date is sample STOP date. Time approximate, +/- 5 hours. Location 14 miles NNE from units.
243	South Texas Project Electric Generating Station One and Two	3/29/2011	12:00	Off Site	Air Charcoal	I-131	1.07E-14	µCi/cc	Clear	Routine 7 day environmental sample. Date is sample STOP date. Time approximate, +/- 5 hours. Location 8.5 miles SSE from units.
244	South Texas Project Electric Generating Station One and Two	3/29/2011	12:00	Off Site	Air Charcoal	I-131	9.29E-14	µCi/cc	Clear	Routine 7 day environmental sample. Date is sample STOP date. Time approximate, +/- 5 hours. Location 10 miles WSW from units.
245	South Texas Project Electric Generating Station One and Two	3/29/2011	12:00	Off Site	Air Charcoal	I-131	1.07E-14	µCi/cc	Clear	Routine 7 day environmental sample. Date is sample STOP date. Time approximate, +/- 5 hours. Location 9 miles NW from units.
246	South Texas Project Electric Generating Station One and Two	3/29/2011	12:00	On Site	Air Particle Filter	Cs-134	2.84E-14	µCi/cc	Clear	Routine 7 day environmental sample. Date is sample STOP date. Time approximate, +/- 5 hours. Location at site boundary ~1 mile N from units.
247	South Texas Project Electric Generating Station One and Two	3/29/2011	12:00	On Site	Air Particle Filter	Cs-137	2.80E-14	µCi/cc	Clear	Routine 7 day environmental sample. Date is sample STOP date. Time approximate, +/- 5 hours. Location at site boundary ~1 mile N from units.
248	South Texas Project Electric Generating Station One and Two	3/29/2011	12:00	On Site	Air Particle Filter	I-131	3.17E-15	µCi/cc	Clear	Routine 7 day environmental sample. Date is sample STOP date. Time approximate, +/- 5 hours. Location at site boundary ~1 mile N from units.
249	South Texas Project Electric Generating Station One and Two	3/29/2011	12:00	On Site	Air Particle Filter	I-131	3.68E-15	µCi/cc	Clear	Routine 7 day environmental sample. Date is sample STOP date. Time approximate, +/- 5 hours. Location at site boundary ~1 mile NNW from units.
250	South Texas Project Electric Generating Station One and Two	3/29/2011	12:00	On Site	Air Particle Filter	I-131	2.52E-15	µCi/cc	Clear	Routine 7 day environmental sample. Date is sample STOP date. Time approximate, +/- 5 hours. Location at site boundary ~1 mile NW from units.
251	South Texas Project Electric Generating Station One and Two	3/29/2011	12:00	On Site	Air Particle Filter	Cs-134	3.10E-15	µCi/cc	Clear	Routine 7 day environmental sample. Date is sample STOP date. Time approximate, +/- 5 hours. Location at site boundary ~1 mile NW from units.
252	South Texas Project Electric Generating Station One and Two	3/29/2011	12:00	On Site	Air Particle Filter	Cs-137	5.07E-15	µCi/cc	Clear	Routine 7 day environmental sample. Date is sample STOP date. Time approximate, +/- 5 hours. Location at site boundary ~1 mile NW from units.
253	South Texas Project Electric Generating Station One and Two	3/29/2011	12:00	Off Site	Air Particle Filter	I-131	2.75E-15	µCi/cc	Clear	Routine 7 day environmental sample. Date is sample STOP date. Time approximate, +/- 5 hours. Location 10 miles WSW from units.
254	South Texas Project Electric Generating Station One and Two	3/29/2011	12:00	Off Site	Air Particle Filter	Cs-137	1.57E-15	µCi/cc	Clear	Routine 7 day environmental sample. Date is sample STOP date. Time approximate, +/- 5 hours. Location 10 miles WSW from units.
255	South Texas Project Electric Generating Station One and Two	3/29/2011	12:00	Off Site	Air Particle Filter	I-131	5.12E-15	µCi/cc	Clear	Routine 7 day environmental sample. Date is sample STOP date. Time approximate, +/- 5 hours. Location 9 miles NW from units.
256	South Texas Project Electric Generating Station One and Two	3/29/2011	12:00	Off Site	Air Particle Filter	I-131	6.31E-15	µCi/cc	Clear	Routine 7 day environmental sample. Date is sample STOP date. Time approximate, +/- 5 hours. Location 14 miles NNE from units.
257	South Texas Project Electric Generating Station One and Two	3/29/2011	12:00	Off Site	Air Particle Filter	I-131	4.51E-15	µCi/cc	Clear	Routine 7 day environmental sample. Date is sample STOP date. Time approximate, +/- 5 hours. Location 5.5 miles NNE from units.

South Texas Project Electric Generating Station One and Two										Routine 7 day environmental sample. Date is sample STOP date. Time approx. date, +/- 5 hours. Location	
258	Station One and Two	3/29/2011	12:00	Off Site	Air Particle Filter	Cs-137	2.54E-15		µCi/cc	Clear	5.5 miles NNE from units.
259	Sequoyah Nuclear Plant	3/29/2011	10:53	Off Site	Air Charcoal	I-131	0.05	pCi/meter ³		0.03	
260	Catawba Nuclear Station	3/29/2011	10:48	On Site	Air Particle Filter	I-131	1.72E-02	pCi/meter ³		4.45E-03	Clear Site Boundary
261	Catawba Nuclear Station	3/29/2011	10:48	On Site	Air Particle Filter	Cs-137	2.50E-03	pCi/meter ³		5.34E-03	Clear Site Boundary
262	Catawba Nuclear Station	3/29/2011	9:12	On Site	Air Particle Filter	I-131	2.00E-02	pCi/meter ³		5.35E-03	Clear Site Boundary
263	Catawba Nuclear Station	3/29/2011	9:12	On Site	Air Particle Filter	Cs-137	3.92E-03	pCi/meter ³		6.67E-03	Clear Site Boundary
264	Catawba Nuclear Station	3/29/2011	9:50	On Site	Air Particle Filter	I-131	9.25E-03	pCi/meter ³		3.97E-03	Clear Site Boundary
265	Catawba Nuclear Station	3/29/2011	11:17	Off Site	Air Particle Filter	I-131	9.53E-03	pCi/meter ³		5.44E-03	Clear 3.32 miles E of plant
266	Catawba Nuclear Station	3/29/2011	8:46	Off Site	Air Particle Filter	I-131	1.05E-02	pCi/meter ³		4.37E-03	Clear 9.84 miles W of plant
267	Catawba Nuclear Station	3/29/2011	10:48	On Site	Air Charcoal	I-131	8.12E-02	pCi/meter ³		8.83E-03	Clear Site Boundary
268	Catawba Nuclear Station	3/29/2011	9:12	On Site	Air Charcoal	I-131	4.89E-02	pCi/meter ³		9.96E-03	Clear Site Boundary
269	Catawba Nuclear Station	3/29/2011	9:50	On Site	Air Charcoal	I-131	2.71E-02	pCi/meter ³		1.08E-02	Clear Site Boundary
270	Catawba Nuclear Station	3/29/2011	11:17	On Site	Air Charcoal	I-131	6.14E-02	pCi/meter ³		7.55E-03	Clear 3.32 miles E of plant
271	Catawba Nuclear Station	3/29/2011	8:46	Off Site	Air Charcoal	I-131	8.08E-02	pCi/meter ³		5.71E-03	Clear 9.84 miles W of plant
272	Watts Bar Nuclear Plant	3/29/2011	10:53	Off Site	Air Charcoal	I-131	0.05	pCi/meter ³		0.03	
273	Sequoyah Nuclear Plant	3/29/2011	11:06	On Site	Air Charcoal	I-131	0.07	pCi/meter ³		0.03	
274	Sequoyah Nuclear Plant	3/29/2011	10:27	On Site	Air Charcoal	I-131	0.09	pCi/meter ³		0.03	
275	Sequoyah Nuclear Plant	3/29/2011	11:46	On Site	Air Charcoal	I-131	0.06	pCi/meter ³		0.03	
276	Sequoyah Nuclear Plant	3/29/2011	12:16	Off Site	Air Charcoal	I-131	0.07	pCi/meter ³		0.03	
277	Sequoyah Nuclear Plant	3/29/2011	9:46	Off Site	Air Charcoal	I-131	0.05	pCi/meter ³		0.03	
278	South Texas Project Electric Generating Station One and Two	3/29/2011	8:41	On Site	Air Charcoal	I-131	4.07E-14		µCi/cc	Clear	24 h sample; date/time listed is sample start time
279	South Texas Project Electric Generating Station One and Two	3/29/2011	8:41	On Site	Air Particle Filter	I-131	< MDA		µCi/cc	Clear	24 h sample; date/time listed is sample start time
280	Columbia Generating Station	3/29/2011	12:00	Off Site	Air Charcoal	I-131	2.09E-01	pCi/meter ³			REMP Station 9 approx 26 miles from site collected 3/22-3/29/11
281	Columbia Generating Station	3/29/2011	9:30	On Site	Air Charcoal	I-131	4.00E-13		µCi/cc	Clear	24 hour air sample
282	Palo Verde Nuclear Generating Station	3/29/2011	12:20	Off Site	Air Charcoal	I-131	0.531	pCi/meter ³			Routine weekly REMPAir sample, Site 4, 3/22/2011 - 3/29/2011, East 16 miles
283	Palo Verde Nuclear Generating Station	3/29/2011	12:45	Off Site	Air Charcoal	I-131	0.528	pCi/meter ³			Routine weekly REMPAir sample, Site 6A, 3/22/2011 - 3/29/2011, SSE 13 miles
284	Palo Verde Nuclear Generating Station	3/29/2011	12:10	Off Site	Air Charcoal	I-131	0.546	pCi/meter ³			Routine weekly REMPAir sample, Site 7A, 3/22/2011 - 3/29/2011, SSE 13 miles
285	Palo Verde Nuclear Generating Station	3/29/2011	11:46	Off Site	Air Charcoal	I-131	0.607	pCi/meter ³			Routine weekly REMPAir sample, Site 14A, 3/22/2011 - 3/29/2011, NNW 2 miles
286	Palo Verde Nuclear Generating Station	3/29/2011	11:52	Off Site	Air Charcoal	I-131	0.546	pCi/meter ³			Routine weekly REMPAir sample, Site 15, 3/22/2011 - 3/29/2011, NE 2 miles
287	Palo Verde Nuclear Generating Station	3/29/2011	12:00	Off Site	Air Charcoal	I-131	0.572	pCi/meter ³			Routine weekly REMPAir sample, Site 17A, 3/22/2011 - 3/29/2011, East 3 miles
288	Palo Verde Nuclear Generating Station	3/29/2011	10:50	Off Site	Air Charcoal	I-131	0.614	pCi/meter ³			Routine weekly REMPAir sample, Site 21, 3/22/2011 - 3/29/2011, South 3 miles
289	Palo Verde Nuclear Generating Station	3/29/2011	10:57	Off Site	Air Charcoal	I-131	0.505	pCi/meter ³			Routine weekly REMPAir sample, Site 29, 3/22/2011 - 3/29/2011, West 1 mile
290	Palo Verde Nuclear Generating Station	3/29/2011	11:15	Off Site	Air Charcoal	I-131	0.657	pCi/meter ³			Routine weekly REMPAir sample, Site 35, 3/22/2011 - 3/29/2011, NNW 8 miles
291	Palo Verde Nuclear Generating Station	3/29/2011	11:05	Off Site	Air Charcoal	I-131	0.575	pCi/meter ³			Routine weekly REMPAir sample, Site 40, 3/22/2011 - 3/29/2011, North 2 miles
292	Palo Verde Nuclear Generating Station	3/29/2011	9:15	On Site	Air Charcoal	I-131	4.89E-13		µCi/cc	Clear	Unit 1 Fuel Building Ventilation Exhaust Weekly Sample: 3/22/2011 to 3/29/2011
293	Palo Verde Nuclear Generating Station	3/29/2011	9:15	On Site	Air Particle Filter	Cs-134	4.95E-14		µCi/cc	Clear	Unit 1 Fuel Building Ventilation Exhaust Weekly Sample: 3/22/2011 to 3/29/2011
294	Palo Verde Nuclear Generating Station	3/29/2011	9:15	On Site	Air Particle Filter	Cs-137	5.07E-14		µCi/cc	Clear	Unit 1 Fuel Building Ventilation Exhaust Weekly Sample: 3/22/2011 to 3/29/2011
295	Palo Verde Nuclear Generating Station	3/29/2011	9:17	On Site	Air Charcoal	I-131	6.60E-13		µCi/cc	Clear	Unit 2 Fuel Building Ventilation Exhaust Weekly Sample: 3/22/2011 to 3/29/2011
296	Palo Verde Nuclear Generating Station	3/29/2011	9:17	On Site	Air Particle Filter	Cs-134	2.76E-14		µCi/cc	Clear	Unit 2 Fuel Building Ventilation Exhaust Weekly Sample: 3/22/2011 to 3/29/2011
297	Palo Verde Nuclear Generating Station	3/29/2011	9:17	On Site	Air Particle Filter	Cs-137	< mda		µCi/cc	Clear	Unit 2 Fuel Building Ventilation Exhaust Weekly Sample: 3/22/2011 to 3/29/2011
298	Palo Verde Nuclear Generating Station	3/29/2011	9:55	On Site	Air Charcoal	I-131	5.32E-13		µCi/cc	Clear	Unit 3 Fuel Building Ventilation Exhaust Weekly Sample: 3/22/2011 to 3/29/2011

299	Palo Verde Nuclear Generating Station	3/29/2011	9:55	On Site	Air Particle Filter	Cs-134	< mda		µCi/cc	4.70E-14	Clear	Unit 3 Fuel Building Ventilation Exhaust Weekly Sample: 3/22/2011 to 3/29/2011
300	Palo Verde Nuclear Generating Station	3/29/2011	9:55	On Site	Air Particle Filter	Cs-137	4.10E-14		µCi/cc		Clear	Unit 3 Fuel Building Ventilation Exhaust: Weekly Sample: 3/22/2011 to 3/29/2011
301	Prairie Island Nuclear Generating Plant	3/29/2011	9:05	On Site	Air Charcoal	I-131	0.658		pCi/meter ³		Clear	Location P-2 0.5 mi WNW of PI
302	Prairie Island Nuclear Generating Plant	3/29/2011	9:15	On Site	Air Charcoal	I-131	0.053		pCi/meter ³		Clear	Location P-3 0.8 mi NW of PI
303	Prairie Island Nuclear Generating Plant	3/29/2011	10:10	On Site	Air Charcoal	I-131	0.058		pCi/meter ³		Clear	Location P-4 0.4 mi N of PI
304	Prairie Island Nuclear Generating Plant	3/29/2011	8:30	Off Site	Air Charcoal	I-131	0.068		pCi/meter ²		Clear	Location P-6 1.6 mi SE of PI
305	Cabert Cliffs Nuclear Power Plant	3/29/2011	12:00	On Site	Air Charcoal	I-131	0.15		pCi/meter ³		Clear	On Site 0.7 miles south of center
306	Cabert Cliffs Nuclear Power Plant	3/29/2011	12:00	Off Site	Air Charcoal	I-131	0.093		pCi/meter ³		Clear	Off Site 1.6 Miles SSE from center
307	Cabert Cliffs Nuclear Power Plant	3/29/2011	12:00	Off Site	Air Charcoal	I-131	0.093		pCi/meter ³		Clear	1.6 miles SE of Center
308	Cabert Cliffs Nuclear Power Plant	3/29/2011	12:00	Off Site	Air Charcoal	I-131	0.073		pCi/meter ³		Clear	1.8 Miles SSW of Center
309	Cabert Cliffs Nuclear Power Plant	3/29/2011	12:00	Off Site	Air Charcoal	I-131	0.153		pCi/meter ³		Clear	12 miles WNW of Center
310	Cabert Cliffs Nuclear Power Plant	3/29/2011	12:00	On Site	Air Charcoal	I-131	0.144		pCi/meter ³		Clear	7 Miles WNE of center
311	Cabert Cliffs Nuclear Power Plant	3/29/2011	12:00	On Site	Air Charcoal	I-131	0.087		pCi/meter ³		Clear	0.1 miles NNW of ISFSI
312	Cabert Cliffs Nuclear Power Plant	3/29/2011	12:00	On Site	Air Charcoal	I-131	0.179		pCi/meter ³		Clear	0.1 Miles SSE of ISFSI
313	Cabert Cliffs Nuclear Power Plant	3/29/2011	12:00	Off Site	Air Charcoal	I-131	0.104		pCi/meter ³		Clear	2.7 Miles NW of Center
314	Cabert Cliffs Nuclear Power Plant	3/29/2011	12:00	Off Site	Air Charcoal	I-131	0.083		pCi/meter ³		Clear	7.8 Miles ENE of Center
315	Cabert Cliffs Nuclear Power Plant	3/29/2011	12:00	Off Site	Air Charcoal	I-131	0.105		pCi/meter ³		Clear	19.9 Miles NE of Center R-1 Station, Nine Mile Point Road 92A" at 1.8 miles (Degrees and distance based on Nine Mile Point Unit 2
316	James A. FitzPatrick Nuclear Power Plant	3/29/2011	9:01	Off Site	Air Charcoal	I-131	3.42E-02		pCi/meter ³		Rain	2 Reactor Centerline] R-2 Station, Lake Road 107A" at 1.1 miles (Degrees and distance based on Nine Mile Point Unit 2
317	James A. FitzPatrick Nuclear Power Plant	3/29/2011	9:13	Off Site	Air Charcoal	I-131	3.23E-02		pCi/meter ³		Rain	Reactor Centerline] R-3 Station, Co. Rt. 29 133A" at 1.4 miles (Degrees and distance based on Nine Mile Point Unit 2
318	James A. FitzPatrick Nuclear Power Plant	3/29/2011	9:30	Off Site	Air Charcoal	I-131	3.13E-02		pCi/meter ³		Rain	Reactor Centerline] R-4 Station, Village of Lycoming, Co. Rt. 29 145A" at 1.8 miles (Degrees and distance based on Nine Mile Point Unit 2
319	James A. FitzPatrick Nuclear Power Plant	3/29/2011	9:40	Off Site	Air Charcoal	I-131	4.19E-02		pCi/meter ³		Rain	Point Unit 2 Reactor Centerline]
320	James A. FitzPatrick Nuclear Power Plant	3/29/2011	10:22	Off Site	Air Charcoal	I-131	3.44E-02		pCi/meter ³		Rain	Control Location - R-5 Station, Montoro Point Rd. 42A" at 16.2 miles (Degrees and distance based on Nine Mile Point Unit 2 Reactor Centerline] D2 Offsite Station, Rt. 64 118A" at 9.0 miles (Degrees and distance based on Nine Mile Point Unit 2
321	James A. FitzPatrick Nuclear Power Plant	3/29/2011	11:25	Off Site	Air Charcoal	I-131	2.63E-02		pCi/meter ³		Rain	Reactor Centerline] E Offsite Station, Rt. 4 162A" at 7.1 miles (Degrees and distance based on Nine Mile Point Unit 2
322	James A. FitzPatrick Nuclear Power Plant	3/29/2011	11:58	Off Site	Air Charcoal	I-131	2.63E-02		pCi/meter ³		Rain	Reactor Centerline] F Offsite Station, Dutch Ridge Road 192A" at 7.7 miles (Degrees and distance based on Nine Mile Point Unit 2 Reactor Centerline]
323	James A. FitzPatrick Nuclear Power Plant	3/29/2011	12:14	Off Site	Air Charcoal	I-131	4.15E-02		pCi/meter ³		Rain	Point Unit 2 Reactor Centerline] G Offsite Station, Saint Paul Street 276A" at 5.4 miles (Degrees and distance based on Nine Mile Point Unit 2
324	James A. FitzPatrick Nuclear Power Plant	3/29/2011	8:26	Off Site	Air Charcoal	I-131	3.23E-02		pCi/meter ³		Rain	2 Reactor Centerline]
325	Grand Gulf Nuclear Station	3/29/2011	12:00	Off Site	Air Charcoal	I-131	0.125		pCi/meter ³		Rain	Sample collected 3/22-3/29 from AS-1 (Port Gibson)
326	Grand Gulf Nuclear Station	3/29/2011	12:00	Off Site	Air Charcoal	I-131	0.0802		pCi/meter ³		Rain	Sample collected from AS-7 (Union Hall) 3/22-3/29
327	Susquehanna Steam Electric Station	3/29/2011	8:27	Off Site	Milk	I-131	< mda		pCi/L	0.489	Clear	Loc 1003 (3.5 miles SSW of plant)
328	Susquehanna Steam Electric Station	3/29/2011	8:48	Off Site	Milk	I-131	< mda		pCi/L	0.509	Clear	Loc 5E2 (4.5 miles E of plant)
329	Susquehanna Steam Electric Station	3/29/2011	7:05	Off Site	Milk	I-131	< mda		pCi/L	0.591	Clear	Loc 13E3 (5.0 miles W of plant)
330	Susquehanna Steam Electric Station	3/29/2011	7:49	Off Site	Milk	I-131	< mda		pCi/L	0.507	Clear	Loc 10G1 (14 miles SSW of plant)
331	Susquehanna Steam Electric Station	3/29/2011	10:30	Off Site	Other	I-131	< mda		pCi/L	0.431	Clear	Loc 656 River Intake (0.8 mile SSE of plant)
332	Catawba Nuclear Station	3/29/2011	8:05	Off Site	Milk	I-131	1.47E+01		pCi/L	9.49E-01		I-131 measurement determined by low-level preparation & analysis. Comparable Marine® (Liquid) analysis for this sample yielded below-131 activity of 1.38E1 pCi/L. Sample taken 34.5 miles NW of plant.

333	Fermi 2	3/29/2011	10:00	Off Site	Air Charcoal	I-131	< MDA	µCi/cc	~3E-14	Clear	API-2 REM-P sampler 0.6 miles NW of plant; weekly changeout
334	Fermi 2	3/29/2011	10:00	Off Site	Air Charcoal	I-131	< MDA	µCi/cc	~3E-14	Clear	API-1 REM-P sampler 1.1 miles NE of plant; weekly changeout
335	Fermi 2	3/29/2011	10:00	Off Site	Air Charcoal	I-131	5.49E-14	µCi/cc	3.10E-14	Clear	API-3 REM-P sampler 0.6 miles NW of plant; weekly changeout
336	Fermi 2	3/29/2011	10:00	Off Site	Air Charcoal	I-131	4.73E-14	µCi/cc	2.73E-14	Clear	API-4 REM-P sampler 14.0 miles W of plant; weekly changeout
337	Fermi 2	3/29/2011	10:00	Off Site	Air Charcoal	I-131	4.04E-14	µCi/cc	2.60E-14	Clear	API-5 REM-P sampler 1.2 miles S of plant; weekly changeout
338	Limetic Generating Station	3/29/2011	0:00	On Site	Rain Water	I-131	24.5	pCi/L		Rain	
339	Byron Station	3/29/2011	8:00	On Site	Air Particle Filter	I-131	0.033	pCi/meter ³		Clear	
340	Byron Station	3/29/2011	8:00	On Site	Air Charcoal	I-131	0.055	pCi/meter ³		Clear	
341	Merfisa Energy Seabrook	3/29/2011	15:20	On Site	Air Charcoal	I-131	4.97E-05	pCi/L		Clear	OSB at North end
342	Turkey Point Nuclear Power Plant	3/29/2011	11:00	On Site	Air Particle Filter	I-131	< mda	pCi/L	1.17E-04	Clear	
343	Turkey Point Nuclear Power Plant	3/29/2011	11:00	On Site	Air Charcoal	I-131	3.79E-05	pCi/L	8.26E-06	Clear	
344	Susquehanna Steam Electric Station	3/29/2011	9:05	Off Site	Other	I-131	< mda	pCi/L	0.549	Clear	Loc 12H2 Drinking Water (26 miles WSW of plant)
345	Susquehanna Steam Electric Station	3/29/2011	14:50	Off Site	Air Particle Filter	Other	0.0416	pCi/meter ³	0.007	Clear	Loc SSA gross beta (0.8 mile E of plant)
346	Susquehanna Steam Electric Station	3/29/2011	14:50	Off Site	Air Charcoal	I-131	0.0746	pCi/meter ³	0.0531	Clear	Loc SSA (0.8 mile E of plant)
347	Donald C. Cook Nuclear Plant	3/29/2011	10:12	On Site	Air Charcoal	I-131	< MDA	µCi/cc	~ 1.91E-14	Clear	Portable air station I-ONS-4B; setup near an onsite REM-P air station.
348	Donald C. Cook Nuclear Plant	3/29/2011	6:10	Off Site	Air Charcoal	I-131	< MDA	µCi/cc	~ 4.41E-14	Clear	Portable air station I-DOW-B; setup > 20 miles offsite as a background station
349	Turkey Point Nuclear Power Plant	3/28/2011	21:30	On Site	Rain Water	Cs-137	< mda	pCi/L	1.30E+01	Rain	
350	Turkey Point Nuclear Power Plant	3/28/2011	21:30	Off Site	Rain Water	Cs-137	< mda	pCi/L	7.09E+01	Rain	
351	Pilgrim Nuclear Power Station	3/28/2011	12:00	Off Site	Air Charcoal	I-131	< 4.5E-2	pCi/meter ³	4.50E-02	Clear	Charcoal cartridges from seven of eleven locations < MDC. Four positive results documented separately.
352	Donald C. Cook Nuclear Plant	3/28/2011	5:30	Off Site	Air Charcoal	I-131	3.55E-14	µCi/cc	~ 1.70E-14	Clear	Portable air sample station I-DOW-B; setup > 20 miles offsite for background.
353	Donald C. Cook Nuclear Plant	3/28/2011	7:46	On Site	Air Charcoal	I-131	2.09E-14	µCi/cc	~ 1.70E-14	Clear	Portable air sample station I-ONS-4B; setup near an onsite REM-P air station.
354	Donald C. Cook Nuclear Plant	3/28/2011	7:00	Off Site	Other	I-131	< MDA	µCi/ml	5.41E-09	Clear	St. Joseph River offsite surface water sample; approx 10 miles from site
355	Peach Bottom Atomic Power Station	3/28/2011	0:00	On Site	Air Charcoal	I-131	0.0448	pCi/meter ³		Clear	
356	Pilgrim Nuclear Power Station	3/28/2011	11:48	Off Site	Air Charcoal	I-131	5.20E-02	pCi/meter ³		Clear	Indicator location ER, 0.903 km SE. 1-week sample collection
357	Pilgrim Nuclear Power Station	3/28/2011	9:45	Off Site	Air Charcoal	I-131	3.70E-02	pCi/meter ³		Clear	Control location EW, 39.67 km NW. 1-week sample collection
358	Pilgrim Nuclear Power Station	3/28/2011	11:15	Off Site	Air Charcoal	I-131	5.00E-02	pCi/meter ³		Clear	Indicator location PC, 6.658 km W. 1-week sample collection
359	Pilgrim Nuclear Power Station	3/28/2011	11:40	Off Site	Air Charcoal	I-131	6.00E-02	pCi/meter ³		Clear	Indicator location WR, 0.822 km WNW. 1-week sample collection
360	McGuire Nuclear Station	3/28/2011	7:50	Off Site	MVA	I-131	9.23E+00	pCi/L	9.96E-01	Clear	I-131 measurement determined by low-level preparation & analysis. Comparable Marinelli (liquid) analysis for this sample yielded iodine-131 activity of 1.00E1 pCi/L. Sample taken 14.8 miles WNW of plant.
361	Susquehanna Steam Electric Station	3/28/2011	14:20	Off Site	Other	I-131	< mda	pCi/L	0.272	Clear	Loc 656 River Intake (0.8 mile ESE of plant)
362	Susquehanna Steam Electric Station	3/28/2011	13:13	Off Site	Other	I-131	< mda	pCi/L	0.255	Clear	Loc 12H2 Drinking Water (26 miles WSW of plant)
363	James A. FitzPatrick Nuclear Power Plant	3/28/2011	7:26	On Site	Air Charcoal	I-131	3.96E-02	pCi/meter ³	2.40E-02	Rain	H Onsite Station 74A* at 0.8 miles (Degrees and distance based on Nine Mile Point Unit 2 Reactor Centerline.)
364	James A. FitzPatrick Nuclear Power Plant	3/28/2011	7:36	On Site	Air Charcoal	I-131	4.57E-02	pCi/meter ³	2.74E-02	Rain	I Onsite Station 96A* at 0.8 miles (Degrees and distance based on Nine Mile Point Unit 2 Reactor Centerline.)
365	James A. FitzPatrick Nuclear Power Plant	3/28/2011	8:00	On Site	Air Charcoal	I-131	3.90E-02	pCi/meter ³	2.73E-02	Rain	J Onsite Station 110A* at 0.9 miles (Degrees and distance based on Nine Mile Point Unit 2 Reactor Centerline.)
366	James A. FitzPatrick Nuclear Power Plant	3/28/2011	7:50	On Site	Air Charcoal	I-131	3.28E-02	pCi/meter ³	2.46E-02	Rain	K Onsite Station 133A* at 0.5 miles (Degrees and distance based on Nine Mile Point Unit 2 Reactor Centerline.)

367	James A. FitzPatrick Nuclear Power Plant	3/28/2011	8:21	On Site	Air Charcoal	I-131	2.51E-02	pCi/meter ³	2.79E-02	Rain	D1 Onsite Station #3A at 0.3 miles (Degrees and distance based on Nine Mile Point Unit 2 Reactor Centerline.)
368	James A. FitzPatrick Nuclear Power Plant	3/28/2011	8:54	On Site	Air Charcoal	I-131	3.86E-02	pCi/meter ³	2.34E-02	Rain	G Onsite Station 244A at 0.7 miles (Degrees and distance based on Nine Mile Point Unit 2 Reactor Centerline.)
369	R. E. Ginna Nuclear Power Plant	3/28/2011	12:00	Off Site	Air Charcoal	I-131	0.052	pCi/meter ³			0.2 Miles E of center
370	R. E. Ginna Nuclear Power Plant	3/28/2011	12:00	On Site	Air Charcoal	I-131	0.06	pCi/meter ³			0.2 Miles SE of Center
371	R. E. Ginna Nuclear Power Plant	3/28/2011	12:00	On Site	Air Charcoal	I-131	0.055	pCi/meter ³			0.1 WSW of center
372	R. E. Ginna Nuclear Power Plant	3/28/2011	12:00	Off Site	Air Charcoal	I-131	0.069	pCi/meter ³			11.9 miles WSW of Center
373	R. E. Ginna Nuclear Power Plant	3/28/2011	12:00	Off Site	Air Charcoal	I-131	0.062	pCi/meter ³			7.1 miles SW of center
374	R. E. Ginna Nuclear Power Plant	3/28/2011	12:00	Off Site	Air Charcoal	I-131	0.058	pCi/meter ³			7.1 miles SSE of center
375	R. E. Ginna Nuclear Power Plant	3/28/2011	12:00	Off Site	Air Charcoal	I-131	< mda	pCi/meter ³			0.4 miles SSW of center
376	Diablo Canyon Power Plant	3/28/2011	8:20	Off Site	Vegetation	I-131	114	pCi/kg	9.4	Clear	Station SF2, SLO Cal Poly Farm, ENE at 12.6 miles from DCCP
377	Diablo Canyon Power Plant	3/28/2011	8:20	Off Site	Vegetation	Cs-134	110	pCi/kg	7.06	Clear	Station SF2, SLO Cal Poly Farm, ENE at 12.6 miles from DCCP
378	Diablo Canyon Power Plant	3/28/2011	8:20	Off Site	Vegetation	Cs-137	91.5	pCi/kg	7	Clear	Station SF2, SLO Cal Poly Farm, ENE at 12.6 miles from DCCP
379	Diablo Canyon Power Plant	3/28/2011	8:20	Off Site	Vegetation	Other	3110	pCi/kg	302	Clear	Gross Beta, Station SF2, SLO Cal Poly Farm, ENE at 12.6 miles from DCCP
380	Diablo Canyon Power Plant	3/28/2011	8:20	Off Site	Vegetation	Other	< MDA	pCi/kg	259	Clear	Gross Alpha, Station SF2, SLO Cal Poly Farm, ENE at 12.6 miles from DCCP
381	Diablo Canyon Power Plant	3/28/2011	8:20	Off Site	Vegetation	Other	< MDA	pCi/kg	< 171.0	Clear	Total Strontium, Station SF2, SLO Cal Poly Farm, ENE at 12.6 miles from DCCP
382	Diablo Canyon Power Plant	3/28/2011	9:00	On Site	Rain Water	I-131	140	pCi/L	2.77	Rain	Station SS2, Onsite, ENE at 0.6 miles from DCCP
383	Diablo Canyon Power Plant	3/28/2011	9:00	On Site	Rain Water	Tc-132	8.08	pCi/L	4.28	Rain	Station SS2, Onsite, ENE at 0.6 miles from DCCP
384	Diablo Canyon Power Plant	3/28/2011	9:00	On Site	Rain Water	Cs-134	9.94	pCi/L	2.14	Rain	Station SS2, Onsite, ENE at 0.6 miles from DCCP
385	Diablo Canyon Power Plant	3/28/2011	9:00	On Site	Rain Water	Cs-137	9.04	pCi/L	1.94	Rain	Station SS2, Onsite, ENE at 0.6 miles from DCCP
386	Diablo Canyon Power Plant	3/28/2011	9:00	On Site	Rain Water	Other	48.8	pCi/L	2.8	Rain	Gross Beta, Station SS2, Onsite, ENE at 0.6 miles from DCCP
387	Diablo Canyon Power Plant	3/28/2011	9:00	On Site	Rain Water	Other	< MDA	pCi/L	2.04	Rain	Gross Alpha, Station SS2, Onsite, ENE at 0.6 miles from DCCP
388	Diablo Canyon Power Plant	3/28/2011	9:00	On Site	Rain Water	Other	< MDA	pCi/L	0.641	Rain	Total Strontium, Station SS2, Onsite, ENE at 0.6 miles from DCCP
389	Diablo Canyon Power Plant	3/28/2011	9:13	On Site	Rain Water	I-131	156	pCi/L	2.59	Rain	Station IS1, Onsite, NNW at 0.4 miles from DCCP
390	Diablo Canyon Power Plant	3/28/2011	9:13	On Site	Rain Water	I-132	7.19	pCi/L	3.16	Rain	Station IS1, Onsite, NNW at 0.4 miles from DCCP
391	Diablo Canyon Power Plant	3/28/2011	9:13	On Site	Rain Water	Tc-132	6.98	pCi/L	3.82	Rain	Station IS1, Onsite, NNW at 0.4 miles from DCCP
392	Diablo Canyon Power Plant	3/28/2011	9:13	On Site	Rain Water	Cs-134	15.7	pCi/L	2.14	Rain	Station IS1, Onsite, NNW at 0.4 miles from DCCP
393	Diablo Canyon Power Plant	3/28/2011	9:13	On Site	Rain Water	Cs-137	12.1	pCi/L	1.72	Rain	Station IS1, Onsite, NNW at 0.4 miles from DCCP
394	Diablo Canyon Power Plant	3/28/2011	9:13	On Site	Rain Water	Other	51.9	pCi/L	2.96	Rain	Gross Beta, Station IS1, Onsite, NNW at 0.4 miles from DCCP
395	Diablo Canyon Power Plant	3/28/2011	9:13	On Site	Rain Water	Other	< MDA	pCi/L	2.22	Rain	Gross Alpha, Station IS1, Onsite, NNW at 0.4 miles from DCCP
396	Diablo Canyon Power Plant	3/28/2011	9:13	On Site	Rain Water	Other	< MDA	pCi/L	0.539	Rain	Total Strontium, Station IS1, Onsite, NNW at 0.4 miles from DCCP
397	Diablo Canyon Power Plant	3/28/2011	7:30	Off Site	Rain Water	I-131	157	pCi/L	2.67	Rain	Station SF1, San Luis Obispo, ENE at 10.2 miles from DCCP
398	Diablo Canyon Power Plant	3/28/2011	7:30	Off Site	Rain Water	Cs-134	3.84	pCi/L	2.49	Rain	Station SF1, San Luis Obispo, ENE at 10.2 miles from DCCP
399	Diablo Canyon Power Plant	3/28/2011	7:30	Off Site	Rain Water	Cs-137	5.32	pCi/L	1.89	Rain	Station SF1, San Luis Obispo, ENE at 10.2 miles from DCCP
400	Diablo Canyon Power Plant	3/28/2011	7:30	Off Site	Rain Water	Other	30.9	pCi/L	3.01	Rain	Gross Beta, Station SF1, San Luis Obispo, ENE at 10.2 miles from DCCP
401	Diablo Canyon Power Plant	3/28/2011	7:30	Off Site	Rain Water	Other	< MDA	pCi/L	1.85	Rain	Gross Alpha, Station SF1, San Luis Obispo, ENE at 10.2 miles from DCCP

402	Diaso Canyon Power Plant	3/28/2011	7:30	Off Site	Rain Water	Other	< MDA	pCi/L	0.758		Total Strontium, Station SF1, Station 0040, ENE at 10.2 miles from DCCP
403	Wolf Creek Generating Station	3/28/2011	9:00	Off Site	Air Charcoal	I-131	0.1	pCi/meter ³			Weekly REMP Sample
404	Wolf Creek Generating Station	3/28/2011	9:30	Off Site	Air Charcoal	I-131	0.1	pCi/meter ³			Weekly REMP Sample
405	Wolf Creek Generating Station	3/28/2011	10:00	Off Site	Air Charcoal	I-131	0.11	pCi/meter ³			Weekly REMP Sample
406	Wolf Creek Generating Station	3/28/2011	11:00	Off Site	Air Charcoal	I-131	0.11	pCi/meter ³			Weekly REMP Sample
407	Wolf Creek Generating Station	3/28/2011	11:30	Off Site	Air Charcoal	I-131	0.09	pCi/meter ³			Weekly REMP sample
408	Oconee Nuclear Station	3/28/2011	10:55	Off Site	Air Particle Filter	I-131	1.64E-02	pCi/meter ³	4.34E-03		Clear 2.36 miles NNW of plant
409	Oconee Nuclear Station	3/28/2011	10:20	Off Site	Air Particle Filter	I-131	1.59E-02	pCi/meter ³	5.03E-03		Clear 1.00 mile SW of plant
410	Oconee Nuclear Station	3/28/2011	10:40	Off Site	Air Particle Filter	I-131	2.02E-02	pCi/meter ³	4.15E-03		Clear 0.53 miles WSW of plant
411	Oconee Nuclear Station	3/28/2011	11:15	On Site	Air Particle Filter	I-131	1.17E-02	pCi/meter ³	5.22E-03		Clear 0.56 miles NE of plant
412	Oconee Nuclear Station	3/28/2011	9:30	Off Site	Air Particle Filter	I-131	2.01E-02	pCi/meter ³	1.33E-02		Clear 9.33 miles SE of plant
413	Oconee Nuclear Station	3/28/2011	10:00	Off Site	Air Particle Filter	I-131	1.57E-02	pCi/meter ³	5.68E-03		Clear 2.58 miles NNE of plant
414	Oconee Nuclear Station	3/28/2011	10:55	Off Site	Air Charcoal	I-131	7.82E-02	pCi/meter ³	5.68E-03		Clear 2.36 miles NNW of plant
415	Oconee Nuclear Station	3/28/2011	10:20	Off Site	Air Charcoal	I-131	5.35E-02	pCi/meter ³	6.47E-03		Clear 1.00 mile SW of plant
416	Oconee Nuclear Station	3/28/2011	10:40	Off Site	Air Charcoal	I-131	6.78E-02	pCi/meter ³	5.64E-03		Clear 0.53 miles WSW of plant
417	Oconee Nuclear Station	3/28/2011	11:15	On Site	Air Charcoal	I-131	9.38E-02	pCi/meter ³	6.50E-03		Clear 0.56 miles NE of plant
418	Oconee Nuclear Station	3/28/2011	9:30	Off Site	Air Charcoal	I-131	7.14E-02	pCi/meter ³	4.77E-03		Clear 9.33 miles SE of plant
419	Oconee Nuclear Station	3/28/2011	10:00	Off Site	Air Charcoal	I-131	7.37E-02	pCi/meter ³	6.49E-03		Clear 2.58 miles NNE of plant
420	Columbia Generating Station	3/28/2011	9:30	On Site	Air Charcoal	I-131	3.62E-13	pCi/cc			Clear 24 hour air sample
421	Sequoyah Nuclear Plant	3/28/2011	12:30	Off Site	Air Charcoal	I-131	0.07	pCi/meter ³	0.03		
422	Sequoyah Nuclear Plant	3/28/2011	10:25	On Site	Air Charcoal	I-131	0.07	pCi/meter ³	0.03		
423	Sequoyah Nuclear Plant	3/28/2011	10:59	On Site	Air Charcoal	I-131	0.06	pCi/meter ³	0.03		
424	Sequoyah Nuclear Plant	3/28/2011	9:42	On Site	Air Charcoal	I-131	0.07	pCi/meter ³	0.03		
425	Sequoyah Nuclear Plant	3/28/2011	10:47	On Site	Air Charcoal	I-131	0.07	pCi/meter ³	0.03		
426	Sequoyah Nuclear Plant	3/28/2011	8:57	On Site	Air Charcoal	I-131	0.07	pCi/meter ³	0.03		
427	Nine Mile Point Nuclear Station	3/28/2011	12:00	On Site	Air Charcoal	I-131	0.033	pCi/meter ³			Wet/ier Mix of Rain/ Snow during sample period Rain 3/21/2011 - 3/28/2011
428	Nine Mile Point Nuclear Station	3/28/2011	12:00	On Site	Air Charcoal	I-131	0.039	pCi/meter ³			Weather Mix of Rain/ Snow during sample period Rain 3/21/2011 - 3/28/2011
429	Nine Mile Point Nuclear Station	3/28/2011	12:00	On Site	Air Charcoal	I-131	0.04	pCi/meter ³			Weather Mix of Rain/ Snow during sample period Rain 3/21/2011 - 3/28/2011
430	Nine Mile Point Nuclear Station	3/28/2011	12:00	On Site	Air Charcoal	I-131	0.046	pCi/meter ³			Weather Mix of Rain/ Snow during sample period Rain 3/21/2011 - 3/28/2011
431	Nine Mile Point Nuclear Station	3/28/2011	12:00	On Site	Air Charcoal	I-131	0.019	pCi/meter ³			Weather Mix of Rain/ Snow during sample period Rain 3/21/2011 - 3/28/2011
432	McGuire Nuclear Station	3/28/2011	7:43	Off Site	Air Particle Filter	I-131	1.86E-02	pCi/meter ³	5.40E-03		Clear 9.83 miles NNW of plant
433	McGuire Nuclear Station	3/28/2011	8:22	Off Site	Air Particle Filter	I-131	1.55E-02	pCi/meter ³	4.74E-03		Clear 4.20 miles NE of plant
434	McGuire Nuclear Station	3/28/2011	9:47	On Site	Air Particle Filter	I-131	1.40E-02	pCi/meter ³	3.70E-03		Clear Site Boundary
435	McGuire Nuclear Station	3/28/2011	9:47	On Site	Air Particle Filter	Cs-137	7.06E-03	pCi/meter ³	4.76E-03		Clear Site Boundary
436	McGuire Nuclear Station	3/28/2011	9:33	On Site	Air Particle Filter	I-131	1.92E-02	pCi/meter ³	4.35E-03		Clear Site Boundary
437	McGuire Nuclear Station	3/28/2011	9:33	On Site	Air Particle Filter	Cs-137	4.12E-03	pCi/meter ³	4.99E-03		Clear Site Boundary
438	McGuire Nuclear Station	3/28/2011	9:18	On Site	Air Particle Filter	I-131	1.61E-02	pCi/meter ³	6.25E-03		Clear Site Boundary
439	McGuire Nuclear Station	3/28/2011	8:58	Off Site	Air Particle Filter	I-131	3.06E-02	pCi/meter ³	1.16E-02		Clear 6.23 miles ENE of plant
440	McGuire Nuclear Station	3/28/2011	9:38	On Site	Air Particle Filter	I-131	1.69E-02	pCi/meter ³	5.18E-03		Clear Site Boundary
441	McGuire Nuclear Station	3/28/2011	7:43	Off Site	Air Charcoal	I-131	8.76E-02	pCi/meter ³	5.39E-03		Clear 9.83 miles NNW of plant
442	McGuire Nuclear Station	3/28/2011	8:22	Off Site	Air Charcoal	I-131	7.61E-02	pCi/meter ³	4.78E-03		Clear 4.20 miles NE of plant
443	McGuire Nuclear Station	3/28/2011	9:47	On Site	Air Charcoal	I-131	9.50E-02	pCi/meter ³	6.12E-03		Clear Site Boundary
444	McGuire Nuclear Station	3/28/2011	9:23	On Site	Air Charcoal	I-131	1.01E-01	pCi/meter ³	6.90E-03		Clear Site Boundary
445	McGuire Nuclear Station	3/28/2011	9:18	On Site	Air Charcoal	I-131	8.13E-02	pCi/meter ³	8.98E-03		Clear Site Boundary
446	McGuire Nuclear Station	3/28/2011	8:38	Off Site	Air Charcoal	I-131	7.64E-02	pCi/meter ³	8.65E-03		Clear 6.23 miles ENE of plant
447	McGuire Nuclear Station	3/28/2011	9:38	On Site	Air Charcoal	I-131	9.67E-02	pCi/meter ³	4.82E-03		Clear Site Boundary AC-L, 7.6 miles North of plant. Sample collected from 3-21-11 to 3-28-11. Sample time is not reflective of the actual time sample collection stopped near the midpoint of the collection period for counting purposes.
448	Shearon Harris Nuclear Power Plant	3/28/2011	12:00	Off Site	Air Charcoal	I-131	1.50E-01	pCi/meter ³			

449	Shearon Harris Nuclear Power Plant	3/28/2011	12:00	Off Site	Air Charcoal	I-131	1.45E-01	pCi/meter ³	AC 2 is 1.4 miles NNE of the plant. Sample collected from 3-21-11 to 3-28-11. Sample time is not reflective of the actual time sample collection stopped nor the midpoint of the collection period for counting purposes.
450	Shearon Harris Nuclear Power Plant	3/28/2011	12:00	Off Site	Air Charcoal	I-131	1.54E-01	pCi/meter ³	AC-4, 3.1 miles NNE of the plant. Sample collected from 3-21-11 to 3-28-11. Sample time is not reflective of the actual time sample collection stopped nor the midpoint of the collection period for counting purposes.
451	Shearon Harris Nuclear Power Plant	3/28/2011	12:00	Off Site	Air Charcoal	I-131	1.16E-01	pCi/meter ³	AC-5, 13.4 miles WNW of the plant. Sample collected from 3-21-11 to 3-28-11. Sample time is not reflective of the actual time sample collection stopped nor the midpoint of the collection period for counting purposes.
452	Shearon Harris Nuclear Power Plant	3/28/2011	12:00	Off Site	Air Charcoal	I-131	1.26E-01	pCi/meter ³	AC-26, 4.7 miles South of the plant. Sample collected from 3-21-11 to 3-28-11. Sample time is not reflective of the actual time sample collection stopped nor the midpoint of the collection period for counting purposes.
453	Shearon Harris Nuclear Power Plant	3/28/2011	12:00	Off Site	Air Charcoal	I-131	1.41E-01	pCi/meter ³	AC 47, 3.4 miles SSW of the plant. Sample collected from 3-21-11 to 3-28-11. Sample time is not reflective of the actual time sample collection stopped nor the midpoint of the collection period for counting purposes.
454	Shearon Harris Nuclear Power Plant	3/28/2011	12:00	On Site	Air Charcoal	I-131	1.11E-01	pCi/meter ³	AC 63, 0.6 miles SW of the plant. Sample collected from 3-21-11 to 3-28-11. Sample time is not reflective of the actual time sample collection stopped nor the midpoint of the collection period for counting purposes.
455	Shearon Harris Nuclear Power Plant	3/28/2011	12:00	On Site	Air Charcoal	I-131	1.64E-01	pCi/meter ³	AC 90, 0.5 mile SSW from the plant. Sample collected from 3-21-11 to 3-28-11. Sample time is not reflective of the actual time sample collection stopped nor the midpoint of the collection period for counting purposes.
456	Shearon Harris Nuclear Power Plant	3/28/2011	12:00	Off Site	Air Charcoal	I-131	1.30E-01	pCi/meter ³	AC 91, 1.6 miles LNE of the plant. Sample collected from 3-21-11 to 3-28-11. Sample time is not reflective of the actual time sample collection stopped nor the midpoint of the collection period for counting purposes.
457	Columbia Generating Station	3/28/2011	12:00	On Site	Rain Water	I-131	1.40E-07	µCi/ml	Rainwater collected from Condensate Storage Tank
458	Columbia Generating Station	3/28/2011	17:00	On Site	Rain Water	I-131	2.70E-05	µCi/ltr	Clear Rainwater collected from LSA storage pod
459	Wolf Creek Generating Station	3/28/2011	9:00	Off Site	Air Charcoal	I-131	0.12	pCi/meter ³	Weekly REMF
460	Wolf Creek Generating Station	3/28/2011	13:00	Off Site	Other		< MDA		REMF Surface Lave Water
461	South Texas Project Electric Generating Station One and Two	3/28/2011	8:41	On Site	Air Charcoal	I-131	7.56E-14	µCi/cc	Clear 24 h sample; date/time listed is sample start time
462	South Texas Project Electric Generating Station One and Two	3/28/2011	8:41	On Site	Air Particle Filter		< MDA	µCi/cc	Clear 24 h sample; date/time listed is sample start time
463	Palo Verde Nuclear Generating Station	3/28/2011	10:15	On Site	Air Charcoal	I-131	< mda	µCi/cc	Clear PVNGS Sample # 2-11-0455, 70-hour sample
464	Palo Verde Nuclear Generating Station	3/28/2011	10:15	On Site	Air Particle Filter	Cs-134	< mda	µCi/cc	Clear PVNGS Sample # 2-11-0454, 20-hour sample
465	Palo Verde Nuclear Generating Station	3/28/2011	10:15	On Site	Air Particle Filter	Cs-137	< mda	µCi/cc	Clear PVNGS Sample # 2-11-0454, 20-hour sample
466	Watts Bar Nuclear Plant	3/28/2011	11:24	On Site	Air Charcoal	I-131	0.06	pCi/meter ³	0.03
467	Watts Bar Nuclear Plant	3/28/2011	10:23	On Site	Air Charcoal	I-131	0.08	pCi/meter ³	0.03
468	Watts Bar Nuclear Plant	3/28/2011	14:52	On Site	Air Charcoal	I-131	0.06	pCi/meter ³	0.03
469	Watts Bar Nuclear Plant	3/28/2011	14:07	On Site	Air Charcoal	I-131	0.08	pCi/meter ³	0.03
470	Watts Bar Nuclear Plant	3/28/2011	15:51	On Site	Air Charcoal	I-131	0.06	pCi/meter ³	0.03
471	Watts Bar Nuclear Plant	3/28/2011	15:30	On Site	Air Charcoal	I-131	0.07	pCi/meter ³	0.03
472	Watts Bar Nuclear Plant	3/28/2011	11:03	Off Site	Air Charcoal	I-131	0.06	pCi/meter ³	0.03
473	Nine Mile Point Nuclear Station	3/28/2011	12:00	On Site	Air Charcoal	I-131	0.025	pCi/meter ³	Weather Mix of Rain/Snow during sample period Rain 3/21/2011 - 3/28/2011
474	V. C. Summer Nuclear Station	3/28/2011	15:05	Off Site	Air Charcoal	I-131	0.0587	pCi/meter ³	Rain 24 hr grab 2.6 miles SSE of plant
475	V. C. Summer Nuclear Station	3/28/2011	15:00	Off Site	Rain Water	I-131	21.62	pCi/L	Rain 2.6 miles SSE of plant
476	San Onofre Nuclear Generating Station	3/28/2011	9:00	On Site	Air Charcoal	I-131	2.00E-13	µCi/cc	Clear

477	San Onofre Nuclear Generating Station	3/28/2011	9:00	On Site	Air Particle Filter	Cs-137	<MDA	µCi/cc	2.00E-13	Clear	
478	San Onofre Nuclear Generating Station	3/28/2011	9:00	Off Site	Air Charcoal	I-131	2.00E-13	µCi/cc		Clear	
479	San Onofre Nuclear Generating Station	3/28/2011	9:00	Off Site	Air Particle Filter	Cs-137	<MDA	µCi/cc	2.00E-13	Clear	
480	San Onofre Nuclear Generating Station	3/27/2011	9:00	Off Site	Air Charcoal	I-131	2.00E-13	µCi/cc		Rain	light rain during 24 hour sample period
481	San Onofre Nuclear Generating Station	3/27/2011	9:00	Off Site	Air Particle Filter	Cs-137	<MDA	µCi/cc	2.00E-13	Rain	light rain during 24 hour sample period
482	San Onofre Nuclear Generating Station	3/27/2011	9:00	On Site	Air Charcoal	I-131	3.00E-13	µCi/cc		Rain	light rain during 24 hour sample period
483	San Onofre Nuclear Generating Station	3/27/2011	9:00	On Site	Air Particle Filter	Cs-137	<MDA	µCi/cc	2.00E-13	Rain	light rain during 24 hour sample period
484	South Texas Project Electric Generating Station One and Two	3/27/2011	8:41	On Site	Air Charcoal	I-131	5.75E-14	µCi/cc		Clear	24 h sample; date/time listed is sample start time
485	South Texas Project Electric Generating Station One and Two	3/27/2011	8:41	On Site	Air Particle Filter	I-131	<MDA	µCi/cc	1.39E-14	Clear	24 h sample; date/time listed is sample start time
486	V. C. Summer Nuclear Station	3/27/2011	15:00	Off Site	Rain Water	I-131	28.87	pCi/l		Rain	2.6 miles SSE of plant
487	V. C. Summer Nuclear Station	3/27/2011	15:00	Off Site	Air Charcoal	I-131	0.1376	pCi/meter ³		Rain	24 hr grab 2.6 miles SSE of plant
488	Browns Ferry	3/27/2011	12:51	On Site	Air Charcoal	I-131	0.05	pCi/meter ³	0.03		
489	Browns Ferry	3/27/2011	9:51	On Site	Air Charcoal	I-131	0.05	pCi/meter ³	0.03		
490	Browns Ferry	3/27/2011	11:24	On Site	Air Charcoal	I-131	0.05	pCi/meter ³	0.03		
491	Browns Ferry	3/27/2011	11:56	On Site	Air Charcoal	I-131	0.04	pCi/meter ³	0.03		
492	Browns Ferry	3/27/2011	10:28	Off Site	Air Charcoal	I-131	0.04	pCi/meter ³	0.03		
493	Browns Ferry	3/27/2011	9:06	On Site	Air Charcoal	I-131	0.06	pCi/meter ³	0.03		
494	Browns Ferry	3/27/2011	8:54	On Site	Air Charcoal	I-131	0.05	pCi/meter ³	0.03		
495	Browns Ferry	3/27/2011	9:31	On Site	Air Charcoal	I-131	0.05	pCi/meter ³	0.03		
496	Browns Ferry	3/27/2011	9:51	On Site	Air Charcoal	I-131	0.04	pCi/meter ³	0.03		
497	Browns Ferry	3/27/2011	11:41	On Site	Air Charcoal	I-131	0.05	pCi/meter ³	0.03		
498	Palo Verde Nuclear Generating Station	3/27/2011	14:10	On Site	Air Charcoal	I-131	2.22E-13	µCi/cc		Other	Cloudy Weather, PVNGS Sample # 2-11-0450
499	Palo Verde Nuclear Generating Station	3/27/2011	14:10	On Site	Air Particle Filter	Cs-134	<mda	µCi/cc	1.57E-13	Other	Cloudy Weather, PVNGS Sample # 2-11-0449
500	Palo Verde Nuclear Generating Station	3/27/2011	14:10	On Site	Air Particle Filter	Cs-137	<mda	µCi/cc	2.31E-13	Other	Cloudy Weather, PVNGS Sample # 2-11-0449
501	Columbia Generating Station	3/27/2011	9:30	On Site	Air Charcoal	I-131	4.69E-13	µCi/cc		Clear	24 hour air sample
502	Wolf Creek Generating Station	3/27/2011	16:45	On Site	Rain Water	I-131	3.13E-08	µCi/ml	1.20E-08		Storm water run off Taken in Atascadero about 35 miles north of DCCP, fescue grass
503	Diablo Canyon Power Plant	3/27/2011	17:30	Off Site	Vegetation	I-131	462	pCi/g	15.1	Clear	fescue grass Taken in Atascadero about 35 miles north of DCCP, fescue grass
504	Diablo Canyon Power Plant	3/27/2011	17:30	Off Site	Vegetation	Cs-134	232	pCi/g	13.1	Clear	fescue grass Taken in Atascadero about 35 miles north of DCCP, fescue grass
505	Diablo Canyon Power Plant	3/27/2011	17:30	Off Site	Vegetation	Cs-137	226	pCi/g	12.2	Clear	fescue grass Taken in Atascadero about 35 miles north of DCCP, fescue grass
506	Diablo Canyon Power Plant	3/27/2011	17:30	Off Site	Vegetation	Other	5810	pCi/g	474	Clear	Gross Beta, Taken in Atascadero about 35 miles north of DCCP, fescue grass
507	Diablo Canyon Power Plant	3/27/2011	17:30	Off Site	Vegetation	Other	<MDA	pCi/g	484	Clear	Gross Alpha, Taken in Atascadero about 35 miles north of DCCP, fescue grass
508	Diablo Canyon Power Plant	3/27/2011	17:30	Off Site	Vegetation	Other	<MDA	pCi/g	194	Clear	Total Strontium, Taken in Atascadero about 35 miles north of DCCP, fescue grass
509	Diablo Canyon Power Plant	3/27/2011	18:00	Off Site	Vegetation	I-131	347	pCi/g	8.27	Clear	Taken in Atascadero about 35 miles north of DCCP, Miner's Lettuce
510	Diablo Canyon Power Plant	3/27/2011	18:00	Off Site	Vegetation	Ie-132	18.3	pCi/g	12.5	Clear	Taken in Atascadero about 35 miles north of DCCP, Miner's Lettuce
511	Diablo Canyon Power Plant	3/27/2011	18:00	Off Site	Vegetation	Cs-134	256	pCi/g	6.79	Clear	Taken in Atascadero about 35 miles north of DCCP, Miner's Lettuce
512	Diablo Canyon Power Plant	3/27/2011	18:00	Off Site	Vegetation	Other	22.6	pCi/g	9.6	Clear	Cs-136, Taken in Atascadero about 35 miles north of DCCP, Miner's Lettuce
513	Diablo Canyon Power Plant	3/27/2011	18:00	Off Site	Vegetation	Cs-137	260	pCi/g	5.64	Clear	Taken in Atascadero about 35 miles north of DCCP, Miner's Lettuce
514	Diablo Canyon Power Plant	3/27/2011	18:00	Off Site	Vegetation	Other	3760	pCi/g	164	Clear	Gross Beta, Taken in Atascadero about 35 miles north of DCCP, Miner's Lettuce
515	Diablo Canyon Power Plant	3/27/2011	18:00	Off Site	Vegetation	Other	<MDA	pCi/g	167	Clear	Gross Alpha, Taken in Atascadero about 35 miles north of DCCP, Miner's Lettuce
516	Diablo Canyon Power Plant	3/27/2011	18:00	Off Site	Vegetation	Other	<MDA	pCi/g	168	Clear	Total Strontium, Taken in Atascadero about 35 miles north of DCCP, Miner's Lettuce
517	Diablo Canyon Power Plant	3/27/2011	17:45	Off Site	Vegetation	I-131	193	pCi/g	10.3	Clear	Taken in Atascadero about 35 miles north of DCCP, Milk Thistle
518	Diablo Canyon Power Plant	3/27/2011	17:45	Off Site	Vegetation	Cs-134	109	pCi/g	8.39	Clear	Taken in Atascadero about 35 miles north of DCCP, Milk Thistle
519	Diablo Canyon Power Plant	3/27/2011	17:45	Off Site	Vegetation	Cs-137	111	pCi/g	7.39	Clear	Taken in Atascadero about 35 miles north of DCCP, Milk Thistle

520	Diablo Canyon Power Plant	3/27/2011	17:45	Off Site	Vegetation	Other	4110	pCi/kg	196	Clear	Gross Beta, Taken in Atascadero about 35 miles north of DCCP, Milk Thistle
521	Diablo Canyon Power Plant	3/27/2011	17:45	Off Site	Vegetation	Other	< MDA	pCi/kg	168	Clear	Gross Alpha, Taken in Atascadero about 35 miles north of DCCP, Milk Thistle
522	Diablo Canyon Power Plant	3/27/2011	17:45	Off Site	Vegetation	Other	< MDA	pCi/kg	168	Clear	Total Strontium, Taken in Atascadero about 35 miles north of DCCP, Milk Thistle
523	North Anna Power Station	3/27/2011	8:00	Off Site	Other	I-131	4.37 E-7	µCi/ml		Snow	Snow melt, 24 miles NNW of plant
524	North Anna Power Station	3/27/2011	8:00	Off Site	Other	I-131	4.53 E-8	µCi/ml		Snow	Snow Melt, 24 miles WNW of plant
525	North Anna Power Station	3/27/2011	8:00	Off Site	Other	I-131	8.80 E-8	µCi/ml		Snow	Snow Melt, 5.5 miles WSW of plant
526	North Anna Power Station	3/27/2011	8:00	Off Site	Other	I-131	2.34 E-8	µCi/ml		Snow	Snow Melt, 5.1 miles SSE of plant
527	NextEra Energy Seabrook	3/27/2011	15:02	On Site	Air Charcoal	I-131	2.95E-05	pCi/L		Clear	Production warehouse
528	NextEra Energy Seabrook	3/27/2011	15:17	On Site	Air Charcoal	I-131	3.26E-05	pCi/L		Clear	OSB - North end
529	Turkey Point Nuclear Power Plant	3/27/2011	14:50	Off Site	Air Particle Filter	I-131	< mda	pCi/L	1.17E-04	Clear	
530	Turkey Point Nuclear Power Plant	3/27/2011	14:50	Off Site	Air Charcoal	I-131	1.47E-04	pCi/L	8.26E-06	Clear	
531	Turkey Point Nuclear Power Plant	3/27/2011	14:50	Off Site	Air Particle Filter	I-131	< mda	pCi/L	1.17E-04	Clear	
532	Turkey Point Nuclear Power Plant	3/27/2011	14:50	Off Site	Air Charcoal	I-131	< mda	pCi/L	8.26E-06	Clear	
533	Turkey Point Nuclear Power Plant	3/26/2011	15:00	Off Site	Air Particle Filter	I-131	< mda	pCi/L	1.17E-04	Clear	
534	Turkey Point Nuclear Power Plant	3/26/2011	15:00	Off Site	Air Charcoal	I-131	2.14E-04	pCi/L	8.26E-06	Clear	
535	Turkey Point Nuclear Power Plant	3/26/2011	11:00	On Site	Air Charcoal	I-131	3.04E-04	pCi/L	8.26E-06	Clear	
536	Turkey Point Nuclear Power Plant	3/26/2011	15:00	Off Site	Air Particle Filter	I-131	< mda	pCi/L	1.17E-04	Clear	
537	Turkey Point Nuclear Power Plant	3/26/2011	15:00	Off Site	Air Charcoal	I-131	2.27E-04	pCi/L	8.26E-06	Clear	
538	Turkey Point Nuclear Power Plant	3/16/2011	11:00	On Site	Air Particle Filter	I-131	< mda	pCi/L	1.17E-04	Clear	
539	NextEra Energy Seabrook	3/26/2011	20:23	On Site	Air Charcoal	I-131	1.83E-05	pCi/L		Clear	RCA Storage Bldg vents (unexpected)
540	North Anna Power Station	3/26/2011	13:56	On Site	Air Charcoal	I-131	1.99 E-13	µCi/cc		Clear	0.6 miles SE of the plant
541	North Anna Power Station	3/26/2011	14:07	On Site	Air Charcoal	I-131	6.94 E-14	µCi/cc		Clear	0.3 miles NW of the plant
542	St. Lucie Nuclear Power Plant	3/26/2011	12:45	On Site	Air Charcoal	I-131	3.93E-13	µCi/cc		Clear	Sample pulled at south RCA fence line
543	St. Lucie Nuclear Power Plant	3/26/2011	12:45	On Site	Air Charcoal	I-131	5.80E-13	µCi/cc		Clear	Sample pulled at Warehouse (south of plant)
544	Columbia Generating Station	3/26/2011	9:30	On Site	Air Charcoal	I-131	5.66E-13	µCi/cc		Clear	24 hour air sample
545	Palo Verde Nuclear Generating Station	3/26/2011	13:15	On Site	Air Charcoal	I-131	5.56E-13	µCi/cc		Clear	PVNGS Sample # 2-11-0445, 24-hour sample
546	Palo Verde Nuclear Generating Station	3/26/2011	13:15	On Site	Air Particle Filter	Cs-134	< mda	µCi/cc	3.14E-13	Clear	PVNGS Sample # 2-11-0441, 24-hour sample
547	Palo Verde Nuclear Generating Station	3/26/2011	13:15	On Site	Air Particle Filter	Cs-137	< mda	µCi/cc	2.23E-13	Clear	PVNGS Sample # 2-11-0444, 24-hour sample
548	V. C. Summer Nuclear Station	3/26/2011	15:00	Off Site	Air Charcoal	I-131	0.3133	pCi/meter ³		Rain	24 hr grab 2.6 miles SSE of plant
549	South Texas Project Electric Generating Station One and Two	3/26/2011	8:41	On Site	Air Particle Filter	I-131	< MDA	µCi/cc	3.30E-14	Clear	24 h sample; date/time listed is sample start time
550	South Texas Project Electric Generating Station One and Two	3/26/2011	8:41	On Site	Air Charcoal	I-131	< MDA	µCi/cc	5.63E-14	Clear	24 h sample; date/time listed is sample start time
551	NextEra Energy Point Beach	3/25/2011	13:55	On Site	Rain Water	I-131	24.4	pCi/L	LLD=15	Clear	24.4 +/- 4.9 at site boundary 4200 SSW sector Be-7 = 72.5 +/- 29.4 pCi/l
552	NextEra Energy Point Beach	3/25/2011	13:40	On Site	Rain Water	I-131	18.3	pCi/L	LLD=15	Clear	18.3 +/- 4.8 4200 W sector Be-7 = 22.5 +/- 14.7 by c MDC (3.15)
553	NextEra Energy Point Beach	3/25/2011	12:30	On Site	Rain Water	I-131	33.1	pCi/L	LLD=15	Clear	33.1 +/- 4.7 north boundary 6000 NNW sector Be-7 = 51.2 +/- 25.1
554	Palo Verde Nuclear Generating Station	3/25/2011	13:41	On Site	Air Charcoal	I-131	1.25E-12	µCi/cc		Clear	PVNGS Sample # 2-11-0441, 24-hour sample
555	Palo Verde Nuclear Generating Station	3/25/2011	13:41	On Site	Air Particle Filter	Cs-134	3.58E-13	µCi/cc		Clear	PVNGS Sample # 2-11-0440, 24-hour sample
556	Palo Verde Nuclear Generating Station	3/25/2011	13:41	On Site	Air Particle Filter	Cs-137	2.64E-13	µCi/cc		Clear	PVNGS Sample # 2-11-0440, 24-hour sample
557	South Texas Project Electric Generating Station One and Two	3/25/2011	7:41	On Site	Air Particle Filter	I-131	< MDA	µCi/cc	3.08E-14	Clear	25 h sample; date/time listed is sample start time
558	South Texas Project Electric Generating Station One and Two	3/25/2011	7:41	On Site	Air Charcoal	I-131	6.96E-14	µCi/cc		Clear	25 h sample; date/time listed is sample start time
559	V. C. Summer Nuclear Station	3/25/2011	15:00	Off Site	Air Charcoal	I-131	0.147	pCi/meter ³		Clear	24 hr grab 2.6 miles SSE of plant
560	Columbia Generating Station	3/25/2011	9:30	On Site	Air Charcoal	I-131	6.71E-13	µCi/cc		Clear	24 hour air sample
561	Dresden Station	3/25/2011	8:00	On Site	Air Charcoal	I-131	0.07316	pCi/meter ³		Clear	
562	Diablo Canyon Power Plant	3/25/2011	9:00	On Site	Rain Water	Other	101	pCi/L	3.27	Rain	Gross Beta, Station 552, Onsite, ENE at 0.6 miles from DCCP
563	Diablo Canyon Power Plant	3/25/2011	8:00	Off Site	Rain Water	Other	68.5	pCi/L	2.89	Rain	Gross Beta, Station 551, San Luis Obispo, ENE at 10.2 miles from DCCP
564	Diablo Canyon Power Plant	3/25/2011	8:00	Off Site	Rain Water	I-131	98.14	pCi/L	3.1	Rain	Station 551, San Luis Obispo, ENE at 10.2 miles from DCCP
565	Diablo Canyon Power Plant	3/25/2011	8:00	Off Site	Rain Water	I-132	6.763	pCi/L	6.046	Rain	Station 551, San Luis Obispo, ENE at 10.2 miles from DCCP

566	Diablo Canyon Power Plant	3/25/2011	8:00	Off Site	Rain Water	Te-132	10.41	pCi/L	5.87	Rain	Station SF1, San Luis Obispo, ENE at 10.2 miles from DCP
567	Diablo Canyon Power Plant	3/25/2011	9:00	Off Site	Rain Water	Cs-134	8.867	pCi/L	2.252	Rain	Station SF1, San Luis Obispo, ENE at 10.2 miles from DCP
568	Diablo Canyon Power Plant	3/25/2011	8:00	Off Site	Rain Water	Cs-137	7.162	pCi/L	2.032	Rain	Station SF1, San Luis Obispo, ENE at 10.2 miles from DCP
569	Diablo Canyon Power Plant	3/25/2011	9:30	On Site	Rain Water	I-131	226.9	pCi/L	3.797	Rain	Station 1S1, Onsite, NNW at 0.4 miles from DCP
570	Diablo Canyon Power Plant	3/25/2011	9:30	On Site	Rain Water	Te-132	19.55	pCi/L	7.273	Rain	Station 1S1, Onsite, NNW at 0.4 miles from DCP
571	Diablo Canyon Power Plant	3/25/2011	9:30	On Site	Rain Water	Cs-134	13.51	pCi/L	2.607	Rain	Station 1S1, Onsite, NNW at 0.4 miles from DCP
572	Diablo Canyon Power Plant	3/25/2011	9:00	On Site	Rain Water	I-132	23.22	pCi/L	5.449	Rain	Station 5S2, Onsite, ENE at 0.6 miles from DCP
573	Diablo Canyon Power Plant	3/25/2011	9:00	On Site	Rain Water	I-132	25.03	pCi/L	7.178	Rain	Station 5S2, Onsite, ENE at 0.6 miles from DCP
574	Diablo Canyon Power Plant	3/25/2011	9:00	On Site	Rain Water	Cs-134	14.73	pCi/L	2.353	Rain	Station 5S2, Onsite, ENE at 0.6 miles from DCP
575	Diablo Canyon Power Plant	3/25/2011	9:00	On Site	Rain Water	Cs-137	15.99	pCi/L	2.031	Rain	Station 5S2, Onsite, ENE at 0.6 miles from DCP
576	Diablo Canyon Power Plant	3/25/2011	9:30	On Site	Rain Water	Other	64	pCi/L	3.19	Rain	Gross Beta, Station 1S1, Onsite, NNW at 0.4 miles from DCP
577	Diablo Canyon Power Plant	3/25/2011	9:30	On Site	Rain Water	Cs-137	13.59	pCi/L	2.301	Rain	Station 1S1, Onsite, NNW at 0.4 miles from DCP
578	Diablo Canyon Power Plant	3/25/2011	8:00	Off Site	Rain Water	H-3	< MDA	pCi/L	236	Rain	Station SF1, San Luis Obispo, ENE at 10.2 miles from DCP
579	Diablo Canyon Power Plant	3/25/2011	8:30	Off Site	Rain Water	Other	68.5	pCi/L	2.89	Rain	Gross Beta, Station SF1, San Luis Obispo, ENE at 10.2 miles from DCP
580	Diablo Canyon Power Plant	3/25/2011	8:00	Off Site	Rain Water	Other	< MDA	pCi/L	2.1	Rain	Gross Alpha, Station SF1, San Luis Obispo, ENE at 10.2 miles from DCP
581	Diablo Canyon Power Plant	3/25/2011	8:00	Off Site	Rain Water	Other	< MDA	pCi/L	0.575	Rain	Total Strontium, Station SF1, San Luis Obispo, ENE at 10.2 miles from DCP
582	Diablo Canyon Power Plant	3/25/2011	9:30	On Site	Rain Water	H-3	< MDA	pCi/L	238	Rain	Station 1S1, Onsite, NNW at 0.4 miles from DCP
583	Diablo Canyon Power Plant	3/25/2011	9:30	On Site	Rain Water	Other	64	pCi/L	3.19	Rain	Gross Beta, Station 1S1, Onsite, NNW at 0.4 miles from DCP
584	Diablo Canyon Power Plant	3/25/2011	9:30	On Site	Rain Water	Other	< MDA	pCi/L	2.68	Rain	Gross Alpha, Station 1S1, Onsite, NNW at 0.4 miles from DCP
585	Diablo Canyon Power Plant	3/25/2011	9:30	On Site	Rain Water	Other	< MDA	pCi/L	0.597	Rain	Total Strontium, Station 1S1, Onsite, NNW at 0.4 miles from DCP
586	Diablo Canyon Power Plant	3/25/2011	9:00	On Site	Rain Water	H-3	< MDA	pCi/L	237	Rain	Station 5S2, Onsite, ENE at 0.6 miles from DCP
587	Diablo Canyon Power Plant	3/25/2011	9:00	On Site	Rain Water	Other	101	pCi/L	3.27	Rain	Gross Beta, Station 5S2, Onsite, ENE at 0.6 miles from DCP
588	Diablo Canyon Power Plant	3/25/2011	9:00	On Site	Rain Water	Other	< MDA	pCi/L	2.66	Rain	Gross Alpha, Station 5S2, Onsite, ENE at 0.6 miles from DCP
589	Diablo Canyon Power Plant	3/25/2011	9:00	On Site	Rain Water	Other	< MDA	pCi/L	0.521	Rain	Total Strontium, Station 5S2, Onsite, ENE at 0.6 miles from DCP
590	Diablo Canyon Power Plant	3/25/2011	9:00	On Site	Rain Water	I-131	234.7	pCi/L	3.258	Rain	Station 5S2, Onsite, ENE at 0.6 miles from DCP
591	Three Mile Island Nuclear Station	3/25/2011	0:00	On Site	Rain Water	I-131	51.1	pCi/L		Rain	Control Location
592	Henrieville Energy Seabrook	3/25/2011	2:19	On Site	Air Charcoal	I-131	3.96E-05	pCi/L		Clear	OSB 36" North end
593	Donald C. Cook Nuclear Plant	3/25/2011	10:15	Off Site	Milk	I-131	< MDA	pCi/ml	5.18E-09		Offsite farm milk sample
594	Donald C. Cook Nuclear Plant	3/25/2011	6:10	Off Site	Air Charcoal	I-131	< MDA	pCi/cc	~ 3.33E-14		Portable air sample station established in an area for background (> 20 miles from site) I-DCW-B
595	Donald C. Cook Nuclear Plant	3/25/2011	14:13	On Site	Air Charcoal	I-131	< MDA	pCi/cc	3.60E-14		Portable air sample station established onsite near an onsite RIEMP air station, J-ONS-4B
596	Turkey Point Nuclear Power Plant	3/25/2011	15:00	Off Site	Air Particle Filter	I-131	< mda	pCi/L	1.17E-04	Clear	
597	Donald C. Cook Nuclear Plant	3/25/2011	9:47	On Site	Other	I-131	< MDA	pCi/ml	4.79E-09		Township Potable Water Supply sample from onsite tap.
598	Donald C. Cook Nuclear Plant	3/25/2011	10:00	On Site	Ground Water	I-131	< MDA	pCi/ml	5.32E-09		RIEMP Well #10
599	Turkey Point Nuclear Power Plant	3/25/2011	10:45	On Site	Air Particle Filter	I-131	5.98E-05	pCi/L	1.17E-04	Clear	
600	Turkey Point Nuclear Power Plant	3/25/2011	10:45	On Site	Air Charcoal	I-131	4.49E-04	pCi/L	8.26E-06	Clear	

601	Turkey Point Nuclear Power Plant	3/25/2011	15:00	Off Site	Air Charcoal	I-131	8.73E-05	pCi/L	8.26E-06	Clear	
602	Turkey Point Nuclear Power Plant	3/25/2011	15:30	Off Site	Air Particle Filter	I-131	< mda	pCi/L	1.17E-04	Clear	
603	Turkey Point Nuclear Power Plant	3/25/2011	15:30	Off Site	Air Charcoal	I-131	2.13E-04	pCi/L	8.26E-06	Clear	
604	Donald C. Cook Nuclear Plant	3/24/2011	12:45	On Site	Rain Water	I-131	3.79E-08	µCi/ml	~ 7.67E-09	Rain	Runoff collected from onsite parking lot, approx. 1/4 mi ² from site vent stacks. Rain/snow mix.
605	Donald C. Cook Nuclear Plant	3/24/2011	11:15	On Site	Rain Water	I-131	1.44E-07	µCi/ml	~ 7.67E-09	Snow	Snow melt collected off of onsite warehouse roof, snow fell overnight w/ less than an inch accumulation.
606	Donald C. Cook Nuclear Plant	3/24/2011	11:37	Off Site	Rain Water	I-131	1.47E-08	µCi/ml	~ 7.67E-09	Snow	Runoff water collected from offsite parking lot into a ditch, snow melt and rain water mix. 3 m ² from site.
607	Donald C. Cook Nuclear Plant	3/24/2011	12:24	Off Site	Rain Water	I-131	< MDA	µCi/ml	7.67E-09	Rain	Sample collected from offsite parking lot runoff collection pond. < 1 mile from site. Weather a rain/snow mix.
608	Donald C. Cook Nuclear Plant	3/24/2011	12:38	Off Site	Rain Water	I-131	1.42E-08	µCi/ml	~ 7.67E-09	Rain	Parking lot runoff collected < 1 mile from site. Rain/snow mix.
609	Braidwood Station	3/24/2011	15:00	On Site	Air Charcoal	I-131	0.04964	pCi/meter ³		Clear	
610	St. Lucie Nuclear Power Plant	3/24/2011	12:35	On Site	Air Charcoal	I-131	4.67E-13	µCi/cc		Clear	Sample obtained at Warehouse (south of plant)
611	North Anna Power Station	3/24/2011	0:00	Off Site	Rain Water	I-131	1.26E-8	µCi/ml		Rain	5.5 miles WSW of plant
612	North Anna Power Station	3/24/2011	8:00	Off Site	Rain Water	I-131	< MDA	µCi/ml	1.79E-08	Rain	51 miles SSE of plant
613	Calhoun Nuclear Plant	3/24/2011	12:00	Off Site	Air Charcoal	I-131	0.065	pCi/meter ³	0.01		
614	Calhoun Nuclear Plant	3/24/2011	17:00	Off Site	Air Charcoal	I-131	0.062	pCi/meter ³	0.01		
615	Calhoun Nuclear Plant	3/24/2011	12:00	Off Site	Air Charcoal	I-131	0.068	pCi/meter ³	0.01		
616	Calhoun Nuclear Plant	3/24/2011	12:00	Off Site	Air Charcoal	I-131	0.049	pCi/meter ³	0.01		
617	Calhoun Nuclear Plant	3/24/2011	12:00	Off Site	Air Charcoal	I-131	0.067	pCi/meter ³	0.01		
618	North Anna Power Station	3/24/2011	0:00	Off Site	Rain Water	I-131	1.23E-7	µCi/ml		Rain	24 miles NW of plant
619	NexEra Energy Duane Arnold	3/24/2011	9:30	Off Site	Rain Water	I-131	23.2	pCi/L	LLD=15	Clear	Puddle near REM-P sample station D-3
620	NexEra Energy Duane Arnold	3/24/2011	8:50	Off Site	Rain Water	I-131	73.8	pCi/L	LLD=15	Clear	Puddle near REM-P sample station D-6
621	Milestone Nuclear Power Station	3/24/2011	6:37	On Site	Air Charcoal	I-131	< mda				
622	NexEra Energy Duane Arnold	3/24/2011	10:00	Off Site	Air Particle Filter	I-131	0.0316	pCi/meter ³	0.3	Clear	REMP sample locations
623	NexEra Energy Duane Arnold	3/24/2011	10:00	Off Site	Air Charcoal	I-131	0.098	pCi/meter ³	0.3	Clear	REMP sample stations Routine REM-P sample, (Site #62) location is ENL 26 miles. Note that the result is less than the ODCM required LLD for I-131 of 60 pCi/g. Routine REM-P sample, (Site #53, goat milk) location is NE 30 miles.
624	Palo Verde Nuclear Generating Station	3/24/2011	11:00	Off Site	Vegetation	I-131	53	pCi/g		Clear	
625	Palo Verde Nuclear Generating Station	3/24/2011	12:00	Off Site	Milk	I-131	4.616	pCi/L		Clear	
626	NexEra Energy Duane Arnold	3/24/2011	8:30	Off Site	Rain Water	I-131	23.1	pCi/L	LLD=15	Clear	Puddle near REM-P sample station at D-1
627	Milestone Nuclear Power Station	3/24/2011	6:30	On Site	Other	I-131	2.17E-08	µCi/ml	1.21E-08	Snow	Snow sample
628	Lake County Generating Station	3/24/2011	8:40	On Site	Air Charcoal	I-131	0.06561	pCi/meter ³		Clear	
629	Diablo Canyon Power Plant	3/24/2011	14:30	On Site	Rain Water	Other	< MDA	pCi/L	0.583	Rain	Total Strontium, Station 552, Onsite, ENE at 0.6 miles from DCCP
630	Diablo Canyon Power Plant	3/24/2011	14:30	On Site	Rain Water	Other	166	pCi/L	2.99	Rain	Gross Beta, Station 552, Onsite, ENE at 0.6 miles from DCCP
631	Surry Power Station	3/24/2011	10:10	Off Site	Rain Water	I-131	1.67E-08	µCi/ml		Rain	Composite sample from 3 locations 12.5 miles ESE
632	Surry Power Station	3/24/2011	10:10	Off Site	Rain Water	Cs-137	1.76E-08	µCi/ml		Rain	Same sample as previous record. Composite from 3 locations 12.5 miles ESE
633	Surry Power Station	3/24/2011	9:31	On Site	Rain Water	Cs-137	1.86E-08	µCi/ml			Composite sample
634	Diablo Canyon Power Plant	3/24/2011	14:30	On Site	Rain Water	Other	5.27	pCi/L	2.34	Rain	Gross Alpha, Station 552, Onsite, ENE at 0.6 miles from DCCP
635	Diablo Canyon Power Plant	3/24/2011	14:36	On Site	Rain Water	I-131	474	pCi/L	3.4	Rain	Station 151, Onsite, NNW at 0.4 miles from DCCP
636	Diablo Canyon Power Plant	3/24/2011	14:36	On Site	Rain Water	I-131	16.3	pCi/L	4.2	Rain	Station 151, Onsite, NNW at 0.4 miles from DCCP
637	Diablo Canyon Power Plant	3/24/2011	14:36	On Site	Rain Water	Te-132	24.9	pCi/L	5.57	Rain	Station 151, Onsite, NNW at 0.4 miles from DCCP
638	Diablo Canyon Power Plant	3/24/2011	14:36	On Site	Rain Water	Cs-134	17.1	pCi/L	2.2	Rain	Station 151, Onsite, NNW at 0.4 miles from DCCP
639	Diablo Canyon Power Plant	3/24/2011	14:36	On Site	Rain Water	Cs-137	16.2	pCi/L	1.76	Rain	Station 151, Onsite, NNW at 0.4 miles from DCCP

640	Diablo Canyon Power Plant	3/24/2011	14:36	On Site	Rain Water	H-3	< MDA	pCi/L	220	Rain	Station 151, Onsite, NNW at 0.4 miles from DCCP
641	Diablo Canyon Power Plant	3/24/2011	14:36	On Site	Rain Water	Other	66.2	pCi/L	3	Rain	Gross Beta, Station 151, Onsite, NNW at 0.4 miles from DCCP
642	Diablo Canyon Power Plant	3/24/2011	14:36	On Site	Rain Water	Other	< MDA	pCi/L	2.29	Rain	Gross Alpha, Station 151, Onsite, NNW at 0.4 miles from DCCP
643	Diablo Canyon Power Plant	3/24/2011	14:36	On Site	Rain Water	Other	< MDA	pCi/L	0.554	Rain	Total Strontium, Station 151, Onsite, NNW at 0.4 miles from DCCP
644	Susquehanna Steam Electric Station	3/24/2011	12:30	Off Site	Other	I-131	< mda	pCi/L	0.661	Clear	Loc 655 river intake (0.8 mile ESE of plant)
645	Diablo Canyon Power Plant	3/24/2011	8:00	Off Site	Rain Water	I-131	183	pCi/L	3.22	Rain	Station SF1, San Luis Obispo, ENE at 10.2 miles from DCCP
646	Columbia Generating Station	3/24/2011	9:30	On Site	Air Charcoal	I-131	5.94E-13	µCi/cc		Clear	24 hour air sample
647	Diablo Canyon Power Plant	3/24/2011	8:00	Off Site	Rain Water	I-132	8.35	pCi/L	5.03	Rain	Station SF1, San Luis Obispo, ENE at 10.2 miles from DCCP
648	Diablo Canyon Power Plant	3/24/2011	8:00	Off Site	Rain Water	Cs-134	5.29	pCi/L	2.45	Rain	Station SF1, San Luis Obispo, ENE at 10.2 miles from DCCP
649	Diablo Canyon Power Plant	3/24/2011	8:00	Off Site	Rain Water	Cs-137	4.46	pCi/L	2.15	Rain	Station SF1, San Luis Obispo, ENE at 10.2 miles from DCCP
650	Diablo Canyon Power Plant	3/24/2011	8:00	Off Site	Rain Water	Fe-132	12.5	pCi/L	5.7	Rain	Station SF1, San Luis Obispo, ENE at 10.2 miles from DCCP
651	Diablo Canyon Power Plant	3/24/2011	14:30	On Site	Rain Water	I-131	522	pCi/L	3.15	Rain	Station SS2, Onsite, ENE at 0.6 miles from DCCP
652	Diablo Canyon Power Plant	3/24/2011	14:30	On Site	Rain Water	I-132	19.9	pCi/L	4.13	Rain	Station SS2, Onsite, ENE at 0.6 miles from DCCP
653	Diablo Canyon Power Plant	3/24/2011	14:30	On Site	Rain Water	Fe-132	25.6	pCi/L	5.15	Rain	Station SS2, Onsite, ENE at 0.6 miles from DCCP
654	Diablo Canyon Power Plant	3/24/2011	14:30	On Site	Rain Water	Cs-134	23.4	pCi/L	1.92	Rain	Station SS2, Onsite, ENE at 0.6 miles from DCCP
655	Diablo Canyon Power Plant	3/24/2011	14:30	On Site	Rain Water	Cs-137	25.4	pCi/L	1.73	Rain	Station SS2, Onsite, ENE at 0.6 miles from DCCP
656	Diablo Canyon Power Plant	3/24/2011	14:30	On Site	Rain Water	H-3	< MDA	pCi/L	220	Rain	Station SS2, Onsite, ENE at 0.6 miles from DCCP
657	Diablo Canyon Power Plant	3/24/2011	8:00	Off Site	Rain Water	Other	< MDA	pCi/L	0.63	Rain	Total Strontium, Station SF1, San Luis Obispo, ENE at 10.2 miles from DCCP
658	Diablo Canyon Power Plant	3/24/2011	8:00	Off Site	Rain Water	H-3	< MDA	pCi/L	216	Rain	Station SF1, San Luis Obispo, ENE at 10.2 miles from DCCP
659	Diablo Canyon Power Plant	3/24/2011	8:00	Off Site	Rain Water	Other	50	pCi/L	3.32	Rain	Gross Beta, Station SF1, San Luis Obispo, ENE at 10.2 miles from DCCP
660	Diablo Canyon Power Plant	3/24/2011	8:00	Off Site	Rain Water	Other	< MDA	pCi/L	2.29	Rain	Gross Alpha, Station SF1, San Luis Obispo, ENE at 10.2 miles from DCCP
661	Oyster Creek Nuclear Generating Station	3/24/2011	0:00	On Site	Rain Water	I-131	127	pCi/L		Rain	Met Tower Road, Control location, upwind.
662	Hanford Energy Point Beach	3/24/2011	17:42	On Site	Air Charcoal	I-131	0.071	pCi/meter ³	LLD=0.030	Clear	0.091 +/- 0.024 at site E-01 2402' in SSE sector
663	Susquehanna Steam Electric Station	3/24/2011	9:42	Off Site	Air Particle Filter	Other	0.0169	pCi/meter ³	0.00173	Clear	Loc 352 gross beta (0.5 mile NE of plant)
664	Susquehanna Steam Electric Station	3/24/2011	9:51	Off Site	Air Particle Filter	Other	0.0152	pCi/meter ³	0.00199	Clear	Loc 1251 gross beta (0.4 mile WSW of plant)
665	Susquehanna Steam Electric Station	3/24/2011	10:10	Off Site	Air Particle Filter	Other	0.0193	pCi/meter ³	0.00196	Clear	Loc 12E1 gross beta (4.7 miles WSW of plant)
666	Susquehanna Steam Electric Station	3/24/2011	10:52	Off Site	Air Particle Filter	Other	0.0165	pCi/meter ³	0.00185	Clear	Loc 661 gross beta (13.5 miles ESE of plant)
667	Susquehanna Steam Electric Station	3/24/2011	11:37	Off Site	Air Particle Filter	Other	0.0206	pCi/meter ³	0.00235	Clear	Loc 961 gross beta (12 miles SSE of plant)
668	Susquehanna Steam Electric Station	3/24/2011	9:30	Off Site	Rain Water	I-131	27.8	pCi/L	0.372	Clear	Loc 352 (0.5 mile NE of plant)
669	Susquehanna Steam Electric Station	3/24/2011	9:51	Off Site	Rain Water	I-131	39.5	pCi/L	0.396	Clear	Loc 1251 (0.4 mile WSW of plant)
670	Susquehanna Steam Electric Station	3/24/2011	11:37	Off Site	Rain Water	I-131	37.7	pCi/L	0.433	Clear	Loc 861 (12 mile SSE of plant)
671	V. C. Summer Nuclear Station	3/24/2011	14:35	Off Site	Air Charcoal	I-131	0.1446	pCi/meter ³		Rain	24 hr grab 2.6 miles SSE of plant
672	South Texas Project Electric Generating Station One and Two	3/24/2011	8:41	On Site	Air Charcoal	I-131	2.63E-13	µCi/cc		Clear	23 h sample; date/time listed is sample start time
673	South Texas Project Electric Generating Station One and Two	3/24/2011	8:41	On Site	Air Particle Filter	I-131	1.69E-14	µCi/cc		Clear	23 h sample; date/time listed is sample start time
674	Palo Verde Nuclear Generating Station	3/24/2011	13:20	On Site	Air Charcoal	I-131	6.30E-13	µCi/cc		Clear	PVMGS Sample # 2-11-0437, 22-hour sample
675	Palo Verde Nuclear Generating Station	3/24/2011	13:20	On Site	Air Particle Filter	Cs-134	< mda	µCi/cc	2.15E-13	Clear	PVMGS Sample # 2-11-0436, 22-hour sample
676	Palo Verde Nuclear Generating Station	3/24/2011	13:20	On Site	Air Particle Filter	Cs-137	< mda	µCi/cc	3.48E-13	Clear	PVMGS Sample # 2-11-0436, 22-hour sample
677	Susquehanna Steam Electric Station	3/24/2011	9:30	Off Site	Air Charcoal	I-131	0.0579	pCi/meter ³	0.00959	Clear	Loc 352 (0.5 mile NE of plant)
678	Prairie Island Nuclear Generating Plant	3/24/2011	8:30	On Site	Rain Water	I-131	28.2	pCi/L	7.55	Snow	Location S-7 0.3 mi. NEW of PI
679	Susquehanna Steam Electric Station	3/24/2011	9:43	Off Site	Air Charcoal	I-131	0.0675	pCi/meter ³	0.0133	Clear	Loc 1356 (0.4 mile W of plant)
680	Susquehanna Steam Electric Station	3/24/2011	9:51	Off Site	Air Charcoal	I-131	0.13	pCi/meter ³	0.0223	Clear	Loc 1751 (0.4 mile WSW of plant)

681	Susquehanna Steam Electric Station	3/24/2011	10:10	Off Site	Air Charcoal	I-131	0.0717	pCi/meter ³	0.0151	Clear	Loc 12E1 (4.7 miles WSW of plant)
682	Susquehanna Steam Electric Station	3/24/2011	10:52	Off Site	Air Charcoal	I-131	0.0561	pCi/meter ³	0.0107	Clear	Loc 661 (13.5 miles ESE of plant)
683	Susquehanna Steam Electric Station	3/24/2011	11:37	Off Site	Air Charcoal	I-131	0.0917	pCi/meter ³	0.0131	Clear	Loc 861 (12 miles SSE of plant)
684	Prairie Island Nuclear Generating Plant	3/24/2011	14:00	On Site	Rain Water	I-131	< mda	pCi/L	16.9	Snow	Location S-7 0.3 mi NW of PI
685	Prairie Island Nuclear Generating Plant	3/24/2011	13:00	Off Site	Rain Water	I-131	< mda	pCi/L	10.6	Snow	Locat on P-43 13.9 mi N of PI
686	Susquehanna Steam Electric Station	3/24/2011	9:43	Off Site	Air Particle Filter	I-131	0.0228	pCi/meter ³	0.0185	Clear	Loc 135G (0.4 mile W of plant)
687	Susquehanna Steam Electric Station	3/24/2011	9:39	Off Site	Air Particle Filter	Other	0.0317	pCi/meter ³	0.00119	Clear	Loc 135G gross beta (0.4 mile W of plant)
688	Susquehanna Steam Electric Station	3/24/2011	9:39	Off Site	Air Particle Filter	I-131	0.0193	pCi/meter ³	0.00377	Clear	Loc 135GQ (0.4 mile W of plant)
689	Prairie Island Nuclear Generating Plant	3/24/2011	13:30	Off Site	Rain Water	I-131	21.2	pCi/L	11.3	Snow	Location P01C 11.1 mi NNW of PI
690	NextEra Energy Point Beach	3/24/2011	13:57	On Site	Air Charcoal	I-131	0.101	pCi/meter ³	0.03	Clear	0.010 +/- 0.007 at site boundary 4200' SSW sector
691	NextEra Energy Point Beach	3/24/2011	13:37	On Site	Air Charcoal	I-131	0.081	pCi/meter ³	0.03	Clear	0.081 +/- 0.023 about 4200' W sector
692	NextEra Energy Point Beach	3/24/2011	12:26	On Site	Air Charcoal	I-131	0.075	pCi/meter ³	0.03	Clear	0.075 +/- 0.017 6000' NNW sector
693	NextEra Energy Point Beach	3/24/2011	12:42	Off Site	Air Charcoal	I-131	0.073	pCi/meter ³	0.03	Clear	0.073 +/- 0.018, 5.6 miles WNW sector
694	NextEra Energy Point Beach	3/24/2011	10:07	Off Site	Air Charcoal	I-131	0.104	pCi/meter ³	0.03	Clear	0.104 +/- 0.025, 17 miles WSW sector
695	NextEra Energy Point Beach	3/24/2011	17:42	On Site	Air Particle Filter	I-131	0.0245	pCi/meter ³	0.03	Clear	0.0245 +/- 0.0034 (This is a composite of the 6 air particulate samples associated with the charcoal samples. It consists of 4 on-site and 2 off-site locations. These are our RCMP weekly samples. There were positive indications for Cs-134 and Cs-137 but below the MDC.
696	NextEra Energy Point Beach	3/24/2011	17:42	On Site	Air Particle Filter	Cs-134	< 0.0009	pCi/meter ³	0.0006	Clear	Composite of 6 AP filters associated air charcoal samples with positive indication for Cs-134 0.0007 +/- 0.0006 but less than the MDC of 0.0009
697	NextEra Energy Point Beach	3/24/2011	17:42	On Site	Air Particle Filter	Cs-137	< 0.0013	pCi/meter ³	0.0010	Clear	Composite of 6 AP filters associated with the reported air charcoal samples. Small positive indication 0.0010 +/- 0.0007 but less than the MDC
698	Quad Cities Station	3/24/2011	0:00	Off Site	Rain Water	I-131	39	pCi/L	10	Rain	10 miles SSW of plant, Fort Byron, IL
699	Quad Cities Station	3/24/2011	0:00	Off Site	Rain Water	I-131	19.4	pCi/L	15	Rain	15 miles West, Bettendorf, IA Total Strontium, pCi/pad, Sticky Pad about 1'x 3', with 1 week exposure, Station DS1, Site Boundary, NW at 0.5 miles from DCCP Total Strontium, pCi/pad, Sticky Pad about 1'x 3', with 1 week exposure, Station SF1, San Luis Obispo, ENE at 10.2 miles from DCCP
700	Diablo Canyon Power Plant	3/23/2011	10:03	Off Site	Other	Other	< MDA		0.453	Rain	Station SF1, San Luis Obispo, ENE at 10.2 miles from DCCP
701	Diablo Canyon Power Plant	3/23/2011	15:30	Off Site	Other	Other	< MDA		0.573	Rain	Station SF1, San Luis Obispo, ENE at 10.2 miles from DCCP
702	Prairie Island Nuclear Generating Plant	3/23/2011	13:25	On Site	Rain Water	I-131	< mda	pCi/L	19.9	Snow	Location S-6 0.05 mi N of PI
703	Diablo Canyon Power Plant	3/23/2011	7:26	Off Site	Air Particle Filter	I-131	0.0899	pCi/meter ³	0.00565	Rain	Station SF1, San Luis Obispo, ENE at 10.7 miles from DCCP, 7 day run (pulled on sample date)
704	Diablo Canyon Power Plant	3/23/2011	7:50	Off Site	Air Particle Filter	I-131	0.0754	pCi/meter ³	0.00945	Rain	Station 7D1, front gate to DCCP in Avila Beach, ESE at 6.6 miles from DCCP, 7 day run (pulled on sample date)
705	Diablo Canyon Power Plant	3/23/2011	9:23	On Site	Air Particle Filter	I-131	0.0318	pCi/meter ³	0.00539	Rain	Station 8S1, Onsite, SE at 0.5 miles from DCCP, 7 day run (pulled on sample date)
706	Palo Verde Nuclear Generating Station	3/23/2011	14:55	On Site	Air Charcoal	I-131	7.43E-13	µCi/cc	2.50E-13	Clear	PVNGS Sample # 2-11-0427, 26-hour sample
707	Palo Verde Nuclear Generating Station	3/23/2011	14:55	On Site	Air Particle Filter	Cs-134	< mda	µCi/cc	1.84E-13	Clear	PVNGS Sample # 2-11-0426, 26-hour sample
708	Palo Verde Nuclear Generating Station	3/23/2011	14:55	On Site	Air Particle Filter	Cs-137	< mda	µCi/cc	1.84E-13	Clear	PVNGS Sample # 2-11-0426, 26-hour sample
709	Fort Calhoun Station	3/23/2011	13:21	Off Site	Air Charcoal	I-131	0.093	pCi/meter ³		Clear	Sector I 125 degrees from true North 0.73 miles from the Center of Containment
710	South Texas Project Electric Generating Station One and Two	3/23/2011	8:41	On Site	Air Particle Filter	I-131	3.05E-14	µCi/cc		Clear	24 h sample; date/time listed is sample start time Sample control station in Sector L 221 degrees from true North 19.6 miles from the center of
711	Fort Calhoun Station	3/23/2011	13:21	Off Site	Air Charcoal	I-131	0.097	pCi/meter ³		Clear	Containment Sector G 114 degrees from true North 1.57 miles from the center of Containment.
712	Fort Calhoun Station	3/23/2011	13:21	Off Site	Air Charcoal	I-131	0.076	pCi/meter ³		Clear	Sector H 163 degrees from true North 0.65 miles from the center of Containment.
713	Fort Calhoun Station	3/23/2011	13:21	Off Site	Air Charcoal	I-131	0.097	pCi/meter ³		Clear	Sector I 125 degrees from true North 0.73 miles from the Center of Containment
714	Diablo Canyon Power Plant	3/23/2011	15:30	Off Site	Other	I-131	82.1		9.99	Rain	pCi/pad, Sticky Pad about 1'x 3', with 1 week exposure, Station SF1, San Luis Obispo, ENE at 10.2 miles from DCCP

715	Diablo Canyon Power Plant	3/23/2011	15:30	Off Site	Other	Te-132	25.6	8.46	Rain	pCi/pad, Sticky Pad about 1'x 3', with 1 week exposure, Station SF1, San Luis Obispo, ENE at 10.2 miles from DCCP
716	Diablo Canyon Power Plant	3/23/2011	15:30	Off Site	Other	Cs-134	56	8.34	Rain	pCi/pad, Sticky Pad about 1'x 3', with 1 week exposure, Station SF1, San Luis Obispo, ENE at 10.2 miles from DCCP
717	Diablo Canyon Power Plant	3/23/2011	15:30	Off Site	Other	Cs-137	57.8	9.41	Rain	pCi/pad, Sticky Pad about 1'x 3', with 1 week exposure, Station SF1, San Luis Obispo, ENE at 10.2 miles from DCCP
718	Diablo Canyon Power Plant	3/23/2011	9:23	On Site	Air Particle Filter	Te-132	0.0249	pCi/meter ³	Rain	Station BS1, Onsite, SE at 0.5 miles from DCCP, 7 day run (pulled on sample date)
719	Diablo Canyon Power Plant	3/23/2011	9:23	On Site	Air Particle Filter	I-132	0.0178	pCi/meter ³	Rain	Station BS1, Onsite, SE at 0.5 miles from DCCP, 7 day run (pulled on sample date)
720	Diablo Canyon Power Plant	3/23/2011	7:50	Off Site	Air Particle Filter	Cs-137	0.0145	pCi/meter ³	Rain	Station 701, front gate to DCCP in Avila Beach, ESE at 6.6 miles from DCCP, 7 day run (pulled on sample date)
721	Diablo Canyon Power Plant	3/23/2011	7:50	Off Site	Air Particle Filter	Te-132	0.0296	pCi/meter ³	Rain	Station 701, front gate to DCCP in Avila Beach, ESE at 6.6 miles from DCCP, 7 day run (pulled on sample date)
722	Diablo Canyon Power Plant	3/23/2011	10:03	Off Site	Other	Cs-137	86.5	7.11	Rain	pCi/pad, Sticky Pad about 1'x 3', with 1 week exposure, Station OS2, Site Boundary, NW at 0.5 miles from DCCP
723	Diablo Canyon Power Plant	3/23/2011	9:48	Off Site	Air Particle Filter	I-131	0.0802	pCi/meter ³	Rain	Station OS2, Site Boundary, NW at 0.5 miles from DCCP, 7 day run (pulled on sample date)
724	Diablo Canyon Power Plant	3/23/2011	9:48	Off Site	Air Particle Filter	Cs-137	0.0159	pCi/meter ³	Rain	Station OS2, Site Boundary, NW at 0.5 miles from DCCP, 7 day run (pulled on sample date)
725	Diablo Canyon Power Plant	3/23/2011	9:48	Off Site	Air Particle Filter	Te-132	0.0527	pCi/meter ³	Rain	Station OS7, Site Boundary, NW at 0.5 miles from DCCP, 7 day run (pulled on sample date)
726	Diablo Canyon Power Plant	3/23/2011	9:48	Off Site	Air Particle Filter	Cs-134	0.0172	pCi/meter ³	Rain	Station OS2, Site Boundary, NW at 0.5 miles from DCCP, 7 day run (pulled on sample date)
727	Diablo Canyon Power Plant	3/23/2011	9:23	On Site	Air Particle Filter	Cs-134	0.0156	pCi/meter ³	Rain	Station BS1, Onsite, SE at 0.5 miles from DCCP, 7 day run (pulled on sample date)
728	Diablo Canyon Power Plant	3/23/2011	9:23	On Site	Air Particle Filter	Cs-137	0.00987	pCi/meter ³	Rain	Station BS1, Onsite, SE at 0.5 miles from DCCP, 7 day run (pulled on sample date)
729	Diablo Canyon Power Plant	3/23/2011	10:03	Off Site	Other	I-131	52.8	7.29	Rain	pCi/pad, Sticky Pad about 1'x 3', with 1 week exposure, Station OS2, Site Boundary, NW at 0.5 miles from DCCP
730	Diablo Canyon Power Plant	3/23/2011	10:03	Off Site	Other	I-132	13.2	8.44	Rain	pCi/pad, Sticky Pad about 1'x 3', with 1 week exposure, Station OS2, Site Boundary, NW at 0.5 miles from DCCP
731	Diablo Canyon Power Plant	3/23/2011	10:03	Off Site	Other	Te-132	23.1	9.25	Rain	pCi/pad, Sticky Pad about 1'x 3', with 1 week exposure, Station OS2, Site Boundary, NW at 0.5 miles from DCCP
732	Diablo Canyon Power Plant	3/23/2011	10:03	Off Site	Other	Cs-134	92	7.34	Rain	pCi/pad, Sticky Pad about 1'x 3', with 1 week exposure, Station OS2, Site Boundary, NW at 0.5 miles from DCCP
733	Monterey Nuclear Generating Plant	3/23/2011	9:00	Off Site	Air Charcoal	I-131	0.059	pCi/meter ³	Clear	11.0 miles NW
734	Monterey Nuclear Generating Plant	3/23/2011	9:00	On Site	Air Charcoal	I-131	0.076	pCi/meter ³	Clear	0.8 miles SE
735	Monterey Nuclear Generating Plant	3/23/2011	9:00	On Site	Air Charcoal	I-131	0.071	pCi/meter ³	Clear	0.6 miles ESE
736	Monterey Nuclear Generating Plant	3/23/2011	9:00	On Site	Air Charcoal	I-131	0.098	pCi/meter ³	Clear	0.8 miles SSE
737	Monterey Nuclear Generating Plant	3/23/2011	9:00	Off Site	Air Charcoal	I-131	0.077	pCi/meter ³	Clear	2.6 miles SE
738	Diablo Canyon Power Plant	3/23/2011	7:26	Off Site	Air Particle Filter	I-132	0.0313	pCi/meter ³	Rain	Station SF1, San Luis Obispo, ENE at 10.2 miles from DCCP, 7 day run (pulled on sample date)
739	Diablo Canyon Power Plant	3/23/2011	7:26	Off Site	Air Particle Filter	Te-132	0.0455	pCi/meter ³	Rain	Station SF1, San Luis Obispo, ENE at 10.2 miles from DCCP, 7 day run (pulled on sample date)
740	Diablo Canyon Power Plant	3/23/2011	7:26	Off Site	Air Particle Filter	Cs-134	0.00986	pCi/meter ³	Rain	Station SF1, San Luis Obispo, ENE at 10.2 miles from DCCP, 7 day run (pulled on sample date)
741	Diablo Canyon Power Plant	3/23/2011	7:26	Off Site	Air Particle Filter	Cs-137	0.0135	pCi/meter ³	Rain	Station SF1, San Luis Obispo, ENE at 10.2 miles from DCCP, 7 day run (pulled on sample date)
742	Fort Calhoun Station	3/23/2011	13:21	Off Site	Air Charcoal	I-131	0.09	pCi/meter ³	Clear	Sector K 207 degrees from true North 0.59 miles from the center of Containment
743	Fort Calhoun Station	3/23/2011	13:21	Off Site	Air Charcoal	I-131	0.098	pCi/meter ³	Clear	Sector P 305 degrees from true North at 2.86 miles from the center of Containment
744	Diablo Canyon Power Plant	3/23/2011	10:44	On Site	Air Charcoal	I-131	1.59	pCi/meter ³	Rain	Station MT1, Onsite MET tower, S at 0.2 miles from DCCP, 7 day run (pulled on sample date)

South Texas Project Electric Generating Station One and Two												
745	Diablo Canyon Power Plant	3/23/2011	8:41	On Site	Air Charcoal	I-131	2.38E-13		µCi/cc	Clear	24 hr sample, date/time listed is sample start time Station 701 DCCP front gate Avila Beach, 7 day run (pulled on sample date)	
746	Diablo Canyon Power Plant	3/23/2011	7:43	Off Site	Air Charcoal	I-131	1.68		µCi/meter ³	0.00121	Rain	Station 852, Site Boundary, SE at 1.1 miles from DCCP, 7 day run (pulled on sample date)
747	Diablo Canyon Power Plant	3/23/2011	9:12	On Site	Air Charcoal	I-131	1.59		µCi/meter ³	0.00227	Rain	Station 851, Onsite Target Range, SE at 0.5 miles from DCCP, 7 day run (pulled on sample date)
748	Diablo Canyon Power Plant	3/23/2011	9:21	On Site	Air Charcoal	I-131	1.52		µCi/meter ³	0.00149	Rain	Station 151, Onsite, NNW at 0.4 miles from DCCP, 7 day run (pulled on sample date)
749	Diablo Canyon Power Plant	3/23/2011	9:40	On Site	Air Charcoal	I-131	1.51		µCi/meter ³	0.00147	Rain	Station 852, Site Boundary, NW at 0.5 miles from DCCP, 7 day run (pulled on sample date)
750	Diablo Canyon Power Plant	3/23/2011	9:45	Off Site	Air Charcoal	I-131	1.48		µCi/meter ³	0.00151	Rain	Station SF1, San Luis Obispo, ENE at 10.2 miles from DCCP, 7 day run (pulled on sample date)
751	V. C. Summer Nuclear Station	3/23/2011	15:40	Off Site	Air Charcoal	I-131	< 0.0431		µCi/meter ³		Clear	24 hr grab 2.6 miles SSE of plant
752	Diablo Canyon Power Plant	3/23/2011	7:26	Off Site	Air Charcoal	I-131	1.65		µCi/meter ³	0.01319	Rain	Station 701, front gate to DCCP in Avila Beach, ESE at 6.6 miles from DCCP, 7 day run (pulled on sample date)
753	Diablo Canyon Power Plant	3/23/2011	7:50	Off Site	Air Charcoal	I-131	1.77		µCi/meter ³	0.01293	Rain	Station 851, Onsite Target Range, SE at 0.5 miles from DCCP, 7 day run (pulled on sample date)
754	Diablo Canyon Power Plant	3/23/2011	9:23	On Site	Air Charcoal	I-131	1.37		µCi/meter ³	0.01044	Rain	Station 852, Site Boundary, NW at 0.5 miles from DCCP, 7 day run (pulled on sample date)
755	Diablo Canyon Power Plant	3/23/2011	9:48	Off Site	Air Charcoal	I-131	1.56		µCi/meter ³	0.01018	Rain	Station SF1, San Luis Obispo, ENE at 10.2 miles from DCCP, 7 day run (pulled on sample date)
756	Diablo Canyon Power Plant	3/23/2011	7:24	Off Site	Air Charcoal	I-131	1.54		µCi/meter ³	0.00114	Rain	Station SF1, San Luis Obispo, ENE at 10.2 miles from DCCP, 7 day run (pulled on sample date)
757	Oyster Creek Nuclear Generating Station	3/23/2011	8:26	On Site	Air Charcoal	I-131	< mda		µCi/meter ³		Clear	
758	Columbia Generating Station	3/23/2011	9:30	On Site	Air Charcoal	I-131	4.99E-13		µCi/cc		Clear	24 hour air sample
759	Diablo Canyon Power Plant	3/23/2011	14:00	On Site	Rain Water	Other	< MDA		µCi/L	0.62	Rain	Total Strontium, Station SS2, Onsite, ENE at 0.6 miles from DCCP
760	Diablo Canyon Power Plant	3/23/2011	14:00	On Site	Rain Water	Other	< MDA		µCi/L	2.77	Rain	Gross Alpha, Station SS2, Onsite, ENE at 0.6 miles from DCCP
761	Diablo Canyon Power Plant	3/23/2011	14:00	On Site	Rain Water	H-3	< MDA		µCi/L	218	Rain	Station SS2, Onsite, ENE at 0.6 miles from DCCP
762	Diablo Canyon Power Plant	3/23/2011	14:30	On Site	Rain Water	I-131	68.8		µCi/L	2.98	Rain	Station 151, Onsite, NNW at 0.4 miles from DCCP
763	Diablo Canyon Power Plant	3/23/2011	14:30	On Site	Rain Water	Other	12.7		µCi/L	3.55	Rain	Gross Beta, Station 151, Onsite, NNW at 0.4 miles from DCCP
764	Diablo Canyon Power Plant	3/23/2011	14:00	On Site	Rain Water	I-131	70.7		µCi/L	3.33	Rain	Station SS2, Onsite, ENE at 0.6 miles from DCCP
765	Diablo Canyon Power Plant	3/23/2011	14:00	On Site	Rain Water	Other	10.6		µCi/L	3.03	Rain	Gross Beta, Station SS2, Onsite, ENE at 0.6 miles from DCCP
766	Diablo Canyon Power Plant	3/23/2011	15:30	Off Site	Rain Water	I-131	124		µCi/L	3.23	Rain	Station SF1, San Luis Obispo, ENE at 10.2 miles from DCCP
767	Diablo Canyon Power Plant	3/23/2011	15:30	Off Site	Rain Water	Cs-134	4.73		µCi/L	2.3	Rain	Station SF1, San Luis Obispo, ENE at 10.2 miles from DCCP
768	Diablo Canyon Power Plant	3/23/2011	15:30	Off Site	Rain Water	Cs-137	3.29		µCi/L	2.12	Rain	Station SF1, San Luis Obispo, ENE at 10.2 miles from DCCP
769	Diablo Canyon Power Plant	3/23/2011	15:30	Off Site	Rain Water	Other	25.8		µCi/L	3.3	Rain	Gross Beta, Station SF1, San Luis Obispo, ENE at 10.2 miles from DCCP
770	Diablo Canyon Power Plant	3/23/2011	15:30	Off Site	Rain Water	Other	< MDA		µCi/L	0.675	Rain	Total Strontium, Station SF1, San Luis Obispo, ENE at 10.2 miles from DCCP
771	Diablo Canyon Power Plant	3/23/2011	15:30	Off Site	Rain Water	Other	< MDA		µCi/L	2.71	Rain	Gross Alpha, Station SF1, San Luis Obispo, ENE at 10.2 miles from DCCP
772	Diablo Canyon Power Plant	3/23/2011	15:30	Off Site	Rain Water	H-3	< MDA		µCi/L	219	Rain	Station SF1, San Luis Obispo, ENE at 10.2 miles from DCCP
773	Diablo Canyon Power Plant	3/23/2011	14:30	On Site	Rain Water	Other	< MDA		µCi/L	0.951	Rain	Total Strontium, Station 151, Onsite, NNW at 0.4 miles from DCCP
774	Diablo Canyon Power Plant	3/23/2011	14:30	On Site	Rain Water	Other	< MDA		µCi/L	1.9	Rain	Gross Alpha, Station 151, Onsite, NNW at 0.4 miles from DCCP
775	Palisades Nuclear Plant	3/23/2011	13:05	Off Site	Air Charcoal	I-131	0.04		µCi/meter ³	0.07	Clear	Sample was taken 50.7 miles NE from the plant.
776	NextEra Energy Duane Arnold	3/23/2011	10:00	On Site	Rain Water	I-131	24.5		µCi/L	LLD-15	Clear	Puddle after a hard rain the night before
777	Millstone Nuclear Power Station	3/23/2011	6:05	On Site	Air Charcoal	I-131	3.70E-13		µCi/cc			

778	Milestone Nuclear Power Station	3/23/2011	6:05	On Site	Air Particle Filter	Cs-137	1.66E-13		µCi/cc	9.58E-14	
779	North Anna Power Station	3/23/2011	20:00	Off Site	Rain Water	I-131	1.89E-8		µCi/ml		Rain 22 miles NE of plant
780	Nentura Energy Seabrook	3/23/2011	13:04	On Site	Air Charcoal	I-131	4.66E-05	pCi/L			Clear Plant Vent (unexpected)
781	North Anna Power Station	3/23/2011	0:00	Off Site	Rain Water	I-131	6.51E-8		µCi/ml		Rain 24 miles NW of plant
782	North Anna Power Station	3/23/2011	2:22	On Site	Air Charcoal	I-131	1.48E-13		µCi/cc		0.6 miles SE of plant
783	North Anna Power Station	3/23/2011	2:22	On Site	Air Charcoal	I-131	1.99E-13		µCi/cc		0.3 miles NW of the plant
784	Three Mile Island Nuclear Station	3/23/2011	0:00	On Site	Rain Water	I-131	95.4	pCi/L			Rain Control Location
785	Three Mile Island Nuclear Station	3/23/2011	12:55	On Site	Air Particle Filter	I-131	0.05048	pCi/meter ³			Clear
786	Three Mile Island Nuclear Station	3/23/2011	12:55	On Site	Air Charcoal	I-131	0.05654	pCi/meter ³			Clear
787	Limerick Generating Station	3/23/2011	0:00	Off Site	Rain Water	I-131	92.7	pCi/L			Rain
788	Citizen Power Station	3/23/2011	10:38	On Site	Air Charcoal	I-131	< mda	pCi/meter ³			Clear
789	Limerick Generating Station	3/23/2011	10:15	Off Site	Milk	I-131	< mda	pCi/meter ³			Clear
790	Limerick Generating Station	3/22/2011	9:46	On Site	Air Charcoal	I-131	< mda	pCi/meter ³			Clear
791	Pilgrim Nuclear Power Station	3/22/2011	12:00	Off Site	Air Charcoal	I-131	< 4.5E-2	pCi/meter ³		4.50E-02	Charcoal cartridges from eleven of eleven locations < MDC.
792	Milestone Nuclear Power Station	3/22/2011	6:37	On Site	Air Charcoal	I-131	< mda				
793	Palo Verde Nuclear Generating Station	3/22/2011	9:40	On Site	Air Charcoal	I-131	1.16E-12		µCi/cc		Rain Unit 1 Fuel Building Ventilation Exhaust Weekly Sample: 3/15/2011 to 3/22/2011
794	Palo Verde Nuclear Generating Station	3/22/2011	9:40	On Site	Air Particle Filter	Cs-134	4.84E-14		µCi/cc		Rain Unit 1 Fuel Building Ventilation Exhaust Weekly Sample: 3/15/2011 to 3/22/2011
795	Palo Verde Nuclear Generating Station	3/22/2011	9:40	On Site	Air Particle Filter	Cs-137	< mda		µCi/cc	3.54E-14	Rain Unit 1 Fuel Building Ventilation Exhaust Weekly Sample: 3/15/2011 to 3/22/2011
796	Palo Verde Nuclear Generating Station	3/22/2011	8:47	On Site	Air Charcoal	I-131	1.18E-12		µCi/cc		Rain Unit 2 Fuel Building Ventilation Exhaust Weekly Sample: 3/15/2011 to 3/22/2011
797	Palo Verde Nuclear Generating Station	3/22/2011	8:47	On Site	Air Particle Filter	Cs-134	5.80E-14		µCi/cc		Rain Unit 2 Fuel Building Ventilation Exhaust Weekly Sample: 3/15/2011 to 3/22/2011
798	Palo Verde Nuclear Generating Station	3/22/2011	8:47	On Site	Air Particle Filter	Cs-137	5.55E-14		µCi/cc		Rain Unit 2 Fuel Building Ventilation Exhaust Weekly Sample: 3/15/2011 to 3/22/2011
799	Palo Verde Nuclear Generating Station	3/22/2011	9:33	On Site	Air Charcoal	I-131	1.21E-12		µCi/cc		Rain Unit 3 Fuel Building Ventilation Exhaust Weekly Sample: 3/15/2011 to 3/22/2011
800	Palo Verde Nuclear Generating Station	3/22/2011	9:33	On Site	Air Particle Filter	Cs-134	4.64E-14		µCi/cc		Rain Unit 3 Fuel Building Ventilation Exhaust Weekly Sample: 3/15/2011 to 3/22/2011
801	Palo Verde Nuclear Generating Station	3/22/2011	9:33	On Site	Air Particle Filter	Cs-137	6.11E-14		µCi/cc		Rain Unit 3 Fuel Building Ventilation Exhaust Weekly Sample: 3/15/2011 to 3/22/2011
802	Milestone Nuclear Power Station	3/22/2011	6:37	On Site	Air Particle Filter	I-131	< mda				
803	Palo Verde Nuclear Generating Station	3/22/2011	9:45	On Site	Rain Water	I-131	< mda		µCi/ml	3.24E-08	Rain Unit 2 Refueling Water Tank (RWT) #4 Rain water
804	Palo Verde Nuclear Generating Station	3/22/2011	9:45	On Site	Rain Water	Cs-134	< mda		µCi/ml	4.81E-08	Rain Unit 2 Refueling Water Tank (RWT) #4 Rain water
805	Palo Verde Nuclear Generating Station	3/22/2011	9:45	On Site	Rain Water	Cs-137	< mda		µCi/ml	4.04E-08	Rain Unit 2 Refueling Water Tank (RWT) #4 Rain water
806	Palo Verde Nuclear Generating Station	3/22/2011	11:00	On Site	Rain Water	I-131	1.00E-07		µCi/ml		Rain Unit 2 Auxiliary Building Roof Rain Water
807	Palo Verde Nuclear Generating Station	3/22/2011	11:00	On Site	Rain Water	Cs-134	< mda		µCi/ml	1.15E-08	Rain Unit 2 Auxiliary Building Roof Rain Water
808	Palo Verde Nuclear Generating Station	3/22/2011	11:00	On Site	Rain Water	Cs-137	< mda		µCi/ml	4.27E-08	Rain Unit 2 Auxiliary Building Roof Rain Water
809	Palo Verde Nuclear Generating Station	3/22/2011	14:30	Off Site	Air Particle Filter	Cs-134	0.938	pCi/meter ³			Rain Routine weekly REMP air sample, Site 4, 3/15/2011 - 3/22/2011, East 16 miles.
810	Palo Verde Nuclear Generating Station	3/22/2011	14:30	Off Site	Air Particle Filter	Cs-137	0.071	pCi/meter ³			Rain Routine weekly REMP air sample, Site 4, 3/15/2011 - 3/22/2011, East 16 miles.
811	Palo Verde Nuclear Generating Station	3/22/2011	14:30	Off Site	Air Particle Filter	I-131	0.294	pCi/meter ³			Rain Routine weekly REMP air sample, Site 4, 3/15/2011 - 3/22/2011, East 16 miles.
812	Palo Verde Nuclear Generating Station	3/22/2011	14:00	Off Site	Air Particle Filter	Cs-134	0.061	pCi/meter ³			Rain Routine weekly REMP air sample, Site 6A, 3/15/2011 - 3/22/2011, SSE 13 miles.
813	Palo Verde Nuclear Generating Station	3/22/2011	14:00	Off Site	Air Particle Filter	Cs-137	0.079	pCi/meter ³			Rain Routine weekly REMP air sample, Site 6A, 3/15/2011 - 3/22/2011, SSE 13 miles.
814	Palo Verde Nuclear Generating Station	3/22/2011	14:00	Off Site	Air Particle Filter	I-131	0.223	pCi/meter ³			Rain Routine weekly REMP air sample, Site 6A, 3/15/2011 - 3/22/2011, SSE 13 miles.
815	Palo Verde Nuclear Generating Station	3/22/2011	14:00	Off Site	Air Particle Filter	Te-132	0.063	pCi/meter ³			Rain Routine weekly REMP air sample, Site 7A, 3/15/2011 - 3/22/2011, SSE 3 miles.
816	Palo Verde Nuclear Generating Station	3/22/2011	13:35	Off Site	Air Particle Filter	Cs-134	0.062	pCi/meter ³			Rain Routine weekly REMP air sample, Site 7A, 3/15/2011 - 3/22/2011, SSE 3 miles.
817	Palo Verde Nuclear Generating Station	3/22/2011	13:35	Off Site	Air Particle Filter	Cs-137	0.07	pCi/meter ³			Rain Routine weekly REMP air sample, Site 7A, 3/15/2011 - 3/22/2011, SSE 3 miles.

818	Palo Verde Nuclear Generating Station	3/22/2011	13:35	Off Site	Air Particle Filter	I-131	0.227	pCi/meter ³	Rain	Routine weekly REMF air sample, Site 7A, 3/15/2011 - 3/22/2011, ESE 3 miles.
819	Palo Verde Nuclear Generating Station	3/22/2011	12:55	Off Site	Air Particle Filter	Cs-134	0.034	pCi/meter ³	Rain	Routine weekly REMF air sample, Site 14A, 3/15/2011 - 3/22/2011, NNE 2 miles.
820	Palo Verde Nuclear Generating Station	3/22/2011	12:55	Off Site	Air Particle Filter	Cs-137	0.042	pCi/meter ³	Rain	Routine weekly REMF air sample, Site 14A, 3/15/2011 - 3/22/2011, NNE 2 miles.
821	Palo Verde Nuclear Generating Station	3/22/2011	12:55	Off Site	Air Particle Filter	I-131	0.275	pCi/meter ³	Rain	Routine weekly REMF air sample, Site 14A, 3/15/2011 - 3/22/2011, NNE 2 miles.
822	Palo Verde Nuclear Generating Station	3/22/2011	13:05	Off Site	Air Particle Filter	Cs-134	0.055	pCi/meter ³	Rain	Routine weekly REMF air sample, Site 15, 3/15/2011 - 3/22/2011, NE 2 miles.
823	Palo Verde Nuclear Generating Station	3/22/2011	13:05	Off Site	Air Particle Filter	Cs-137	0.065	pCi/meter ³	Rain	Routine weekly REMF air sample, Site 15, 3/15/2011 - 3/22/2011, NE 2 miles.
824	Palo Verde Nuclear Generating Station	3/22/2011	13:05	Off Site	Air Particle Filter	I-131	0.238	pCi/meter ³	Rain	Routine weekly REMF air sample, Site 15, 3/15/2011 - 3/22/2011, NE 2 miles.
825	Palo Verde Nuclear Generating Station	3/22/2011	13:15	Off Site	Air Particle Filter	Cs-134	0.076	pCi/meter ³	Rain	Routine weekly REMF air sample, Site 17A, 3/15/2011 - 3/22/2011, East 3 miles.
826	Palo Verde Nuclear Generating Station	3/22/2011	13:15	Off Site	Air Particle Filter	Cs-137	0.059	pCi/meter ³	Rain	Routine weekly REMF air sample, Site 17A, 3/15/2011 - 3/22/2011, East 3 miles.
827	Palo Verde Nuclear Generating Station	3/22/2011	13:15	Off Site	Air Particle Filter	I-131	0.238	pCi/meter ³	Rain	Routine weekly REMF air sample, Site 17A, 3/15/2011 - 3/22/2011, East 3 miles.
828	Palo Verde Nuclear Generating Station	3/22/2011	11:40	Off Site	Air Particle Filter	Cs-134	0.051	pCi/meter ³	Rain	Routine weekly REMF air sample, Site 21, 3/15/2011 - 3/22/2011, South 3 miles.
829	Palo Verde Nuclear Generating Station	3/22/2011	11:40	Off Site	Air Particle Filter	Cs-137	0.085	pCi/meter ³	Rain	Routine weekly REMF air sample, Site 21, 3/15/2011 - 3/22/2011, South 3 miles.
830	Palo Verde Nuclear Generating Station	3/22/2011	11:40	Off Site	Air Particle Filter	I-131	0.333	pCi/meter ³	Rain	Routine weekly REMF air sample, Site 21, 3/15/2011 - 3/22/2011, South 3 miles.
831	Palo Verde Nuclear Generating Station	3/22/2011	11:40	Off Site	Air Particle Filter	Te-132	0.031	pCi/meter ³	Rain	Routine weekly REMF air sample, Site 21, 3/15/2011 - 3/22/2011, South 3 miles.
832	Palo Verde Nuclear Generating Station	3/22/2011	11:47	Off Site	Air Particle Filter	Cs-134	0.063	pCi/meter ³	Rain	Routine weekly REMF air sample, Site 19, 3/15/2011 - 3/22/2011, West 1 mile.
833	Palo Verde Nuclear Generating Station	3/22/2011	11:47	Off Site	Air Particle Filter	Cs-137	0.087	pCi/meter ³	Rain	Routine weekly REMF air sample, Site 29, 3/15/2011 - 3/22/2011, West 1 mile.
834	Palo Verde Nuclear Generating Station	3/22/2011	11:47	Off Site	Air Particle Filter	I-131	0.312	pCi/meter ³	Rain	Routine weekly REMF air sample, Site 29, 3/15/2011 - 3/22/2011, West 1 mile.
835	Palo Verde Nuclear Generating Station	3/22/2011	11:47	Off Site	Air Particle Filter	Te-132	0.03	pCi/meter ³	Rain	Routine weekly REMF air sample, Site 29, 3/15/2011 - 3/22/2011, West 1 mile.
836	Palo Verde Nuclear Generating Station	3/22/2011	12:07	Off Site	Air Particle Filter	Cs-134	0.064	pCi/meter ³	Rain	Routine weekly REMF air sample, Site 35, 3/15/2011 - 3/22/2011, NNW 3 miles.
837	Palo Verde Nuclear Generating Station	3/22/2011	12:07	Off Site	Air Particle Filter	Cs-137	0.069	pCi/meter ³	Rain	Routine weekly REMF air sample, Site 35, 3/15/2011 - 3/22/2011, NNW 3 miles.
838	Palo Verde Nuclear Generating Station	3/22/2011	12:07	Off Site	Air Particle Filter	I-131	0.367	pCi/meter ³	Rain	Routine weekly REMF air sample, Site 35, 3/15/2011 - 3/22/2011, NNW 3 miles.
839	Palo Verde Nuclear Generating Station	3/22/2011	12:07	Off Site	Air Particle Filter	Te-132	0.049	pCi/meter ³	Rain	Routine weekly REMF air sample, Site 35, 3/15/2011 - 3/22/2011, NNW 3 miles.
840	Palo Verde Nuclear Generating Station	3/22/2011	11:55	Off Site	Air Particle Filter	Cs-134	0.064	pCi/meter ³	Rain	Routine weekly REMF air sample, Site 40, 3/15/2011 - 3/22/2011, North 2 miles.
841	Palo Verde Nuclear Generating Station	3/22/2011	11:55	Off Site	Air Particle Filter	Cs-137	0.069	pCi/meter ³	Rain	Routine weekly REMF air sample, Site 40, 3/15/2011 - 3/22/2011, North 2 miles.
842	Palo Verde Nuclear Generating Station	3/22/2011	11:55	Off Site	Air Particle Filter	I-131	0.218	pCi/meter ³	Rain	Routine weekly REMF air sample, Site 40, 3/15/2011 - 3/22/2011, North 2 miles.
843	Palo Verde Nuclear Generating Station	3/22/2011	11:55	Off Site	Air Particle Filter	Te-132	0.036	pCi/meter ³	Rain	Routine weekly REMF air sample, Site 40, 3/15/2011 - 3/22/2011, North 2 miles.
844	South Texas Project Electric Generating Station One and Two	3/22/2011	12:00		Air Charcoal	I-131	< MDA	pCi/cc	1.03E-14	Routine 7-day environmental samples, 3 onsite at site boundary & 5 offsite. Date is sample STOP date. No sample showed I-131.
845	Columbia Generating Station	3/22/2011	12:00		Air Particle Filter	I-131	4.19E-13	pCi/cc		Building effluent air sample collected 3/15 - 3/22/11.
846	Columbia Generating Station	3/22/2011	9:30	On Site	Air Charcoal	I-131	6.74E-13	pCi/cc		24 hour air sample
847	Columbia Generating Station	3/22/2011	12:00	Off Site	Air Charcoal	I-131	3.14E-01	pCi/meter ³		REMP Station 9 approx 28 miles from site collected 3/15 - 3/22/11
848	Columbia Generating Station	3/22/2011	12:00	Off Site	Air Particle Filter	I-131	4.23E-02	pCi/meter ³		REMP Station 9 approx 28 miles from site collected 3/15 - 3/22/11
849	Bryan Station	3/22/2011	13:05	On Site	Air Charcoal	I-131	0.1	pCi/meter ³		
850	Peach Bottom Atomic Power Station	3/22/2011	9:48	On Site	Air Charcoal	I-131	< mda	pCi/meter ³		

851	Palo Verde Nuclear Generating Station	3/22/2011	14:30	Off Site	Air Charcoal	I-131	0.9244	pCi/meter ³		Routine weekly RISM air sample, Site 4, 3/15/2011 - Rain 3/22/2011, East 16 miles.	
852	Palo Verde Nuclear Generating Station	3/22/2011	14:00	Off Site	Air Charcoal	I-131	1.258	pCi/meter ³		Routine weekly REMF air sample, Site 6A, 3/15/2011 - Rain 3/22/2011, SSE 13 miles.	
853	Palo Verde Nuclear Generating Station	3/22/2011	13:35	Off Site	Air Charcoal	I-131	1.184	pCi/meter ³		Routine weekly REMF air sample, Site 7A, 3/15/2011 - Rain 3/22/2011, ESE 7 miles.	
854	Palo Verde Nuclear Generating Station	3/22/2011	12:55	Off Site	Air Charcoal	I-131	1.191	pCi/meter ³		Routine weekly REMF air sample, Site 14A, 3/15/2011 - 3/22/2011, NNE 2 miles.	
855	Palo Verde Nuclear Generating Station	3/22/2011	13:05	Off Site	Air Charcoal	I-131	1.168	pCi/meter ³		Routine weekly REMF air sample, Site 15, 3/15/2011 - Rain 3/22/2011, NE 2 miles.	
856	Palo Verde Nuclear Generating Station	3/22/2011	13:15	Off Site	Air Charcoal	I-131	1.244	pCi/meter ³		Routine weekly REMF air sample, Site 17A, 3/15/2011 - 3/22/2011, East 3 miles.	
857	Palo Verde Nuclear Generating Station	3/22/2011	11:40	Off Site	Air Charcoal	I-131	1.166	pCi/meter ³		Routine weekly REMF air sample, Site 21, 3/15/2011 - Rain 3/22/2011, South 3 miles.	
858	Palo Verde Nuclear Generating Station	3/22/2011	11:47	Off Site	Air Charcoal	I-131	1.135	pCi/meter ³		Routine weekly REMF air sample, Site 29, 3/15/2011 - Rain 3/22/2011, West 1 mile.	
859	Palo Verde Nuclear Generating Station	3/22/2011	12:07	Off Site	Air Charcoal	I-131	1.003	pCi/meter ³		Routine weekly REMF air sample, Site 35, 3/15/2011 - Rain 3/22/2011, NNW 8 miles.	
860	Palo Verde Nuclear Generating Station	3/22/2011	11:55	Off Site	Air Charcoal	I-131	0.958	pCi/meter ³		Routine weekly REMF air sample, Site 40, 3/15/2011 - Rain 3/22/2011, North 2 miles.	
861	V. C. Summer Nuclear Station	3/22/2011	15:30	Off Site	Air Charcoal	I-131	0.0513	pCi/meter ³		Clear 30 hr grab 2.6 miles SSE of plant	
862	Catawba Nuclear Station	3/22/2011	9:58	On Site	Air Particle Filter	I-131	< 4.51E-03	pCi/meter ³	< 4.51E-03	Clear Site Boundary	
863	South Texas Project Electric Generating Station One and Two	3/22/2011	8:41	On Site	Air Charcoal	I-131	< MDA		µCi/cc	2.35E-14	Clear 24 h sample, date/time listed is sample start time
864	South Texas Project Electric Generating Station One and Two	3/22/2011	8:41	On Site	Air Particle Filter	I-131	< MDA		µCi/cc	1.26E-14	Clear 24 h sample, date/time listed is sample start time
865	Catawba Nuclear Station	3/22/2011	10:42	Off Site	Air Particle Filter	I-131	< 6.41E-03	pCi/meter ³		6.41E-03	Clear 3.32 miles E of plant
866	Catawba Nuclear Station	3/22/2011	10:15	On Site	Air Particle Filter	I-131	5.39E-03	pCi/meter ³		4.76E-03	Clear Site Boundary
867	Catawba Nuclear Station	3/22/2011	8:52	Off Site	Air Particle Filter	I-131	< 6.53E-03	pCi/meter ³		6.57E-03	Clear 9.84 miles W of plant
868	Catawba Nuclear Station	3/22/2011	9:20	On Site	Air Particle Filter	I-131	4.89E-03	pCi/meter ³		5.33E-03	Clear Site Boundary
869	Catawba Nuclear Station	3/22/2011	9:20	On Site	Air Charcoal	I-131	2.36E-02	pCi/meter ³		6.72E-03	Clear Site Boundary
870	Catawba Nuclear Station	3/22/2011	9:53	On Site	Air Charcoal	I-131	1.20E-02	pCi/meter ³		5.93E-03	Clear Site Boundary
871	Catawba Nuclear Station	3/22/2011	10:42	Off Site	Air Charcoal	I-131	2.77E-02	pCi/meter ³		6.80E-03	Clear 3.32 miles E of plant
872	Catawba Nuclear Station	3/22/2011	8:52	Off Site	Air Charcoal	I-131	2.78E-02	pCi/meter ³		6.00E-03	Clear 9.84 miles W of plant
873	Catawba Nuclear Station	3/22/2011	9:33	On Site	Air Particle Filter	I-131	6.07E-01	pCi/meter ³		5.46E-03	Clear Site Boundary
874	Catawba Nuclear Station	3/22/2011	9:33	On Site	Air Charcoal	I-131	1.74E-02	pCi/meter ³		6.12E-03	Clear Site Boundary
875	Catawba Nuclear Station	3/22/2011	10:15	On Site	Air Charcoal	I-131	2.74E-02	pCi/meter ³		1.01E-02	Clear Site Boundary
876	Palo Verde Nuclear Generating Station	3/22/2011	13:20	On Site	Air Charcoal	I-131	2.01E-12		µCi/cc		Rain PVNGS Sample # 2-11-0422, 26-hour sample
877	Palo Verde Nuclear Generating Station	3/22/2011	13:20	On Site	Air Particle Filter	Cs-134	< mda		µCi/cc	2.76E-13	Rain PVNGS Sample # 2-11-0421, 26-hour sample
878	Palo Verde Nuclear Generating Station	3/22/2011	13:20	On Site	Air Particle Filter	Cs-137	< mda		µCi/cc	2.93E-13	Rain PVNGS Sample # 2-11-0421, 26-hour sample
879	Comanche Peak Nuclear Power Plant	3/22/2011	9:00	Off Site	Air Charcoal	I-131	< mda				
880	Watts Bar Nuclear Plant	3/22/2011	10:40	On Site	Air Charcoal	I-131	0.01	pCi/meter ³		0.03	
881	Prairie Island Nuclear Generating Plant	3/22/2011	12:00	Off Site	Air Charcoal	I-131	0.042	pCi/meter ³			Clear Location P-1 11.8 mi NNW of PI
882	Prairie Island Nuclear Generating Plant	3/22/2011	9:40	On Site	Air Charcoal	I-131	0.978	pCi/meter ³			Clear Location P-2 0.5 mi WNW of PI
883	Prairie Island Nuclear Generating Plant	3/22/2011	9:50	On Site	Air Charcoal	I-131	0.027	pCi/meter ³			Clear Location P-3 0.8 mi NW of PI
884	Prairie Island Nuclear Generating Plant	3/22/2011	9:55	On Site	Air Charcoal	I-131	0.034	pCi/meter ³			Clear Location P-4 0.4 mi N of PI
885	Prairie Island Nuclear Generating Plant	3/22/2011	9:17	Off Site	Air Charcoal	I-131	0.03	pCi/meter ³			Clear Location P-6 1.6 mi SE of PI
886	Calvert Cliffs Nuclear Power Plant	3/22/2011	12:00	On Site	Air Particle Filter	I-131	0.036	pCi/meter ³			Rain 0.4 miles South of Site Center, Rain Accumulation During Sample Cycle 3/14 - 3/22
887	Calvert Cliffs Nuclear Power Plant	3/22/2011	12:00	Off Site	Air Charcoal	I-131	0.037	pCi/meter ³			Rain 1.6 Miles South East of Center, Rain Accumulation During Sample Cycle 3/14 - 3/22
888	Calvert Cliffs Nuclear Power Plant	3/22/2011	12:00	Off Site	Air Charcoal	I-131	0.019	pCi/meter ³			Rain 1.8 miles SSE from center, Rain Accumulation During Sample Cycle 3/14 - 3/22
889	Calvert Cliffs Nuclear Power Plant	3/22/2011	12:00	Off Site	Air Charcoal	I-131	0.024	pCi/meter ³			Rain 12 miles WNW of Center, Rain Accumulation During Sample Cycle 3/14 - 3/22
890	Calvert Cliffs Nuclear Power Plant	3/22/2011	12:00	On Site	Air Charcoal	I-131	0.02	pCi/meter ³			Rain 0.7 miles NNE of Center, Rain Accumulation During Sample Cycle 3/14 - 3/22
891	Calvert Cliffs Nuclear Power Plant	3/22/2011	12:00	On Site	Air Charcoal	I-131	0.012	pCi/meter ³			Rain 0.1 miles NNW of center, Rain Accumulation During Sample Cycle 3/14 - 3/22
892	Calvert Cliffs Nuclear Power Plant	3/22/2011	12:00	On Site	Air Charcoal	I-131	0.03	pCi/meter ³			Rain 0.1 miles SSE of center, Rain Accumulation During Sample Cycle 3/14 - 3/22

893	R. E. Ginna Nuclear Power Plant	3/22/2011	12:00	Off Site	Air Charcoal	I-131	0.012	pCi/meter ³		Rain	Some rain/ snow during sample cycle 3/14 - 3/22
894	R. E. Ginna Nuclear Power Plant	3/22/2011	12:00	On Site	Air Charcoal	I-131	0.013	pCi/meter ³		Rain	Some rain/ snow during sample cycle 3/14 - 3/22
895	R. E. Ginna Nuclear Power Plant	3/22/2011	12:00	On Site	Air Charcoal	I-131	0.016	pCi/meter ³		Rain	Some rain/ snow during sample cycle 3/14 - 3/22
896	R. E. Ginna Nuclear Power Plant	3/22/2011	16:00	Off Site	Rain Water	I-131	26.8	pCi/l		Rain	
897	R. E. Ginna Nuclear Power Plant	3/22/2011	16:00	Off Site	Rain Water	I-131	71.1	pCi/l		Rain	9.75 miles SW
898	Nine Mile Point Nuclear Station	3/22/2011	9:35	On Site	Other	I-131	4.79	pCi/l		Clear	Transformer Basin
899	Nine Mile Point Nuclear Station	3/22/2011	9:10	On Site	Other	I-131	9.55	pCi/l		Clear	Transformer Basin
900	Nine Mile Point Nuclear Station	3/22/2011	9:30	On Site	Other	I-131	4.55	pCi/l		Clear	Transformer Basin
901	Nine Mile Point Nuclear Station	3/22/2011	9:00	On Site	Other	I-131	14.8	pCi/l		Clear	Transformer Basin
902	Nine Mile Point Nuclear Station	3/21/2011	10:05	On Site	Other	I-131	18.1	pCi/l		Clear	Storm Drain Water Sample
903	Nine Mile Point Nuclear Station	3/21/2011	9:55	On Site	Other	I-131	10.3	pCi/l		Clear	Storm Drain Sample
904	Nine Mile Point Nuclear Station	3/21/2011	14:44	Off Site	Rain Water	I-131	9.74	pCi/l		Clear	rain water puddle sample
905	Nine Mile Point Nuclear Station	3/21/2011	15:35	On Site	Ground Water	I-131	9.68	pCi/l		Clear	Storm Drain Sample
906	Sequoyah Nuclear Plant	3/21/2011	14:16	Off Site	Air Charcoal	I-131	0.01	pCi/meter ³	0.03		
907	Sequoyah Nuclear Plant	3/21/2011	12:05	Off Site	Air Charcoal	I-131	0.01	pCi/meter ³	0.03		
908	Watts Bar Nuclear Plant	3/21/2011	12:27	Off Site	Air Charcoal	I-131	0.01	pCi/meter ³	0.03		
909	Watts Bar Nuclear Plant	3/21/2011	11:22	Off Site	Air Charcoal	I-131	0.01	pCi/meter ³	0.03		
910	Watts Bar Nuclear Plant	3/21/2011	10:42	On Site	Air Charcoal	I-131	0.01	pCi/meter ³	0.03		
911	Palo Verde Nuclear Generating Station	3/21/2011	11:41	On Site	Air Charcoal	I-131	6.70E-13	pCi/cc		Rain	PVNGS Sample # 2-11-0411, 24 hour sample
912	Palo Verde Nuclear Generating Station	3/21/2011	11:41	On Site	Air Particle Filter	Cs-134	< mda	pCi/cc	2.06E-13	Rain	PVNGS Sample # 2-11-0411, 24 hour sample
913	Palo Verde Nuclear Generating Station	3/21/2011	11:41	On Site	Air Particle Filter	Cs-137	< mda	pCi/cc	2.71E-13	Rain	PVNGS Sample # 2-11-0411, 24 hour sample
914	Diablo Canyon Power Plant	3/21/2011	10:00	Off Site	Rain Water	I-131	217.3	pCi/l	2.68	Rain	Station SS2, Onsite, ENE at 0.6 miles from DCCP Station SF1, San Luis Obispo, ENE at 10.2 miles from DCCP
915	Diablo Canyon Power Plant	3/21/2011	8:00	Off Site	Rain Water	I-131	277.1	pCi/l	3.08	Rain	DCCP
916	Oconee Nuclear Station	3/21/2011	8:40	Off Site	Air Charcoal	I-131	1.28E-02	pCi/meter ³	6.40E-03	Clear	9.33 miles SE of plant
917	Oconee Nuclear Station	3/21/2011	11:15	On Site	Air Charcoal	I-131	1.41E-02	pCi/meter ³	5.27E-03	Clear	0.56 miles NE of plant
918	Oconee Nuclear Station	3/21/2011	9:40	Off Site	Air Charcoal	I-131	1.81E-02	pCi/meter ³	6.34E-03	Clear	7.52 miles NE of plant
919	McGuire Nuclear Station	3/21/2011	7:29	Off Site	Air Particle Filter	I-131	1.12E-02	pCi/meter ³	6.52E-03	Clear	9.89 miles WNW of plant
920	McGuire Nuclear Station	3/21/2011	9:07	Off Site	Air Particle Filter	I-131	1.18E-02	pCi/meter ³	5.17E-03	Clear	4.20 miles NE of plant
921	McGuire Nuclear Station	3/21/2011	9:50	On Site	Air Particle Filter	I-131	8.23E-03	pCi/meter ³	4.82E-03	Clear	Site Boundary
922	McGuire Nuclear Station	3/21/2011	9:42	On Site	Air Particle Filter	I-131	1.39E-02	pCi/meter ³	7.28E-03	Clear	Site Boundary
923	McGuire Nuclear Station	3/21/2011	9:19	On Site	Air Particle Filter	I-131	< 1.71E-02	pCi/meter ³	1.71E-02	Clear	Site Boundary
924	McGuire Nuclear Station	3/21/2011	9:26	Off Site	Air Particle Filter	I-131	1.03E-02	pCi/meter ³	5.30E-03	Clear	6.23 miles ENE of plant
925	McGuire Nuclear Station	3/21/2011	9:49	On Site	Air Particle Filter	I-131	1.09E-02	pCi/meter ³	6.06E-03	Clear	Site Boundary
926	McGuire Nuclear Station	3/21/2011	9:49	On Site	Air Particle Filter	Cs-137	3.66E-03	pCi/meter ³	5.25E-03	Clear	Site Boundary
927	McGuire Nuclear Station	3/21/2011	7:29	Off Site	Air Charcoal	I-131	1.36E-02	pCi/meter ³	6.47E-03	Clear	9.89 miles WNW of plant
928	McGuire Nuclear Station	3/21/2011	8:07	Off Site	Air Charcoal	I-131	2.13E-02	pCi/meter ³	6.56E-03	Clear	4.20 miles NE of plant
929	McGuire Nuclear Station	3/21/2011	9:50	On Site	Air Charcoal	I-131	2.82E-02	pCi/meter ³	7.67E-03	Clear	Site Boundary
930	McGuire Nuclear Station	3/21/2011	9:02	On Site	Air Charcoal	I-131	1.83E-02	pCi/meter ³	8.75E-03	Clear	Site Boundary
931	McGuire Nuclear Station	3/21/2011	9:19	On Site	Air Charcoal	I-131	1.87E-02	pCi/meter ³	7.05E-03	Clear	Site Boundary
932	McGuire Nuclear Station	3/21/2011	8:26	Off Site	Air Charcoal	I-131	2.81E-02	pCi/meter ³	5.47E-03	Clear	6.23 miles ENE of plant
933	McGuire Nuclear Station	3/21/2011	9:49	On Site	Air Charcoal	I-131	2.21E-02	pCi/meter ³	9.71E-03	Clear	Site Boundary
934	Diablo Canyon Power Plant	3/21/2011	11:00	On Site	Rain Water	I-131	233.9	pCi/l	3	Rain	Station 1S1, Onsite, NNW at 0.4 miles from DCCP
935	Oconee Nuclear Station	3/21/2011	10:55	Off Site	Air Particle Filter	I-131	8.08E-03	pCi/meter ³	1.21E-02	Clear	2.36 miles NNW of plant
936	Diablo Canyon Power Plant	3/21/2011	11:00	On Site	Rain Water	I-132	19.17	pCi/l	4.03	Rain	Station 1S1, Onsite, NNW at 0.4 miles from DCCP
937	Diablo Canyon Power Plant	3/21/2011	10:00	Off Site	Rain Water	I-132	22.73	pCi/l	3.46	Rain	Station SS2, Onsite, ENE at 0.6 miles from DCCP Station SF1, San Luis Obispo, ENE at 10.2 miles from DCCP
938	Diablo Canyon Power Plant	3/21/2011	8:00	Off Site	Rain Water	I-132	20.38	pCi/l	3.4	Rain	DCCP
939	Diablo Canyon Power Plant	3/21/2011	11:00	On Site	Rain Water	Tc-132	24.02	pCi/l	4.58	Rain	Station 1S1, Onsite, NNW at 0.4 miles from DCCP
940	Diablo Canyon Power Plant	3/21/2011	11:00	On Site	Rain Water	Cs-134	10.7	pCi/l	2.37	Rain	Station 1S1, Onsite, NNW at 0.4 miles from DCCP

941	Diablo Canyon Power Plant	3/21/2011	11:00	On Site	Rain Water	Cs-137	8.75	pCi/L	1.99	Rain	Station 151, Onsite, NNW at 0.4 miles from DCCP
942	Diablo Canyon Power Plant	3/21/2011	11:00	On Site	Rain Water	Other	< MDA	pCi/L	0.343	Rain	Total Strontium, Station 151, Onsite, NNW at 0.4 miles from DCCP
943	Diablo Canyon Power Plant	3/21/2011	11:00	On Site	Rain Water	H-3	< MDA	pCi/L	233	Rain	Station 151, Onsite, NNW at 0.4 miles from DCCP
944	Diablo Canyon Power Plant	3/21/2011	11:00	On Site	Rain Water	Other	42.2	pCi/L	3.51	Rain	Gross Beta, Station 151, Onsite, NNW at 0.4 miles from DCCP
945	Diablo Canyon Power Plant	3/21/2011	11:00	On Site	Rain Water	Other	< MDA	pCi/L	0.937	Rain	Gross Alpha, Station 151, Onsite, NNW at 0.4 miles from DCCP
946	Diablo Canyon Power Plant	3/21/2011	10:00	On Site	Rain Water	Tc-132	28.25	pCi/L	4.18	Rain	Station 552, Onsite, ENE at 0.6 miles from DCCP
947	Diablo Canyon Power Plant	3/21/2011	10:00	On Site	Rain Water	Cs-134	10.02	pCi/L	2.21	Rain	Station 552, Onsite, ENE at 0.6 miles from DCCP
948	Oconee Nuclear Station	3/21/2011	10:15	Off Site	Air Particle Filter	I-131	7.62E-03	pCi/meter ³	3.96E-03	Clear	1.00 mile SW of plant
949	Diablo Canyon Power Plant	3/21/2011	10:00	On Site	Rain Water	Cs-137	10.16	pCi/L	1.88	Rain	Station 552, Onsite, ENE at 0.6 miles from DCCP
950	Diablo Canyon Power Plant	3/21/2011	10:00	On Site	Rain Water	Other	< MDA	pCi/L	0.479	Rain	Total Strontium, Station 552, Onsite, ENE at 0.6 miles from DCCP
951	Oconee Nuclear Station	3/21/2011	10:40	Off Site	Air Particle Filter	I-131	8.47E-03	pCi/meter ³	4.09E-03	Clear	0.53 miles WSW of plant
952	Diablo Canyon Power Plant	3/21/2011	10:00	On Site	Rain Water	H-3	< MDA	pCi/L	236	Rain	Station 552, Onsite, ENE at 0.6 miles from DCCP
953	Diablo Canyon Power Plant	3/21/2011	10:00	On Site	Rain Water	Other	63.8	pCi/L	3.21	Rain	Gross Beta, Station 552, Onsite, ENE at 0.6 miles from DCCP
954	Diablo Canyon Power Plant	3/21/2011	10:00	On Site	Rain Water	Other	1.62	pCi/L	0.369	Rain	Gross Alpha, Station 552, Onsite, ENE at 0.6 miles from DCCP
955	Diablo Canyon Power Plant	3/21/2011	8:00	Off Site	Rain Water	Tc-132	24.92	pCi/L	4.24	Rain	Station SF1, San Luis Obispo, ENE at 10.2 miles from DCCP
956	Oconee Nuclear Station	3/21/2011	11:15	On Site	Air Particle Filter	I-131	7.24E-03	pCi/meter ³	2.95E-03	Clear	0.56 miles NE of plant
957	Diablo Canyon Power Plant	3/21/2011	8:00	Off Site	Rain Water	Cs-134	4.81	pCi/L	2.48	Rain	Station SF1, San Luis Obispo, ENE at 10.2 miles from DCCP
958	Diablo Canyon Power Plant	3/21/2011	8:00	Off Site	Rain Water	Cs-137	4.69	pCi/L	2.32	Rain	Station SF1, San Luis Obispo, ENE at 10.2 miles from DCCP
959	Diablo Canyon Power Plant	3/21/2011	8:20	Off Site	Rain Water	Other	< MDA	pCi/L	0.417	Rain	Total Strontium, Station SF1, San Luis Obispo, ENE at 10.2 miles from DCCP
960	Oconee Nuclear Station	3/21/2011	8:40	Off Site	Air Particle Filter	I-131	< 6.36E-03	pCi/meter ³	6.36E-03	Clear	9.33 miles SE of plant
961	Diablo Canyon Power Plant	3/21/2011	8:00	Off Site	Rain Water	H-3	< MDA	pCi/L	232	Rain	Station SF1, San Luis Obispo, ENE at 10.2 miles from DCCP
962	Oconee Nuclear Station	3/21/2011	8:40	Off Site	Air Particle Filter	I-131	1.09E-02	pCi/meter ³	6.40E-03	Clear	2.58 miles NNE of plant
963	Diablo Canyon Power Plant	3/21/2011	8:00	Off Site	Rain Water	Other	103	pCi/L	3.73	Rain	Gross Beta, Station SF1, San Luis Obispo, ENE at 10.2 miles from DCCP
964	Diablo Canyon Power Plant	3/21/2011	8:20	Off Site	Rain Water	Other	< MDA	pCi/L	1.24	Rain	Gross Alpha, Station SF1, San Luis Obispo, ENE at 10.2 miles from DCCP
965	Oconee Nuclear Station	3/21/2011	10:55	Off Site	Air Charcoal	I-131	2.09E-02	pCi/meter ³	9.07E-03	Clear	2.36 miles NNW of plant
966	Oconee Nuclear Station	3/21/2011	10:15	Off Site	Air Charcoal	I-131	1.15E-02	pCi/meter ³	8.55E-03	Clear	1.00 mile SW of plant
967	Oconee Nuclear Station	3/21/2011	10:40	Off Site	Air Charcoal	I-131	2.24E-02	pCi/meter ³	5.81E-03	Clear	0.53 miles WSW of plant
968	South Texas Project Electric Generating Station One and Two	3/21/2011	8:41	On Site	Air Particle Filter	I-131	< MDA	µCi/cc	1.16E-14	Clear	24 h sample; date/time listed is sample start time
969	South Texas Project Electric Generating Station One and Two	3/21/2011	8:41	On Site	Air Charcoal	I-131	< MDA	µCi/cc	1.99E-14	Clear	24 h sample; date/time listed is sample start time
970	Diablo Canyon Power Plant	3/21/2011	9:05	Off Site	Milk	I-131	6.79	pCi/L	3.29	Rain	Station SF2, SLO Cal Poly Farm, ENE at 12.6 miles from DCCP, result by gamma spec
971	Diablo Canyon Power Plant	3/21/2011	9:05	Off Site	Milk	I-131	4.01	pCi/L	0.452	Rain	Station SF2, SLO Cal Poly Farm, ENE at 12.6 miles from DCCP, result by iodine separation method
972	M. Horse Nuclear Power Station	3/21/2011	5:07	On Site	Air Charcoal	< mda					
973	M. Horse Nuclear Power Station	3/21/2011	13:15	On Site	Rain Water	I-131	2.56E-08	µCi/ml	1.13E-08	Rain	
974	Wolf Creek Generating Station	3/21/2011	9:00	Off Site	Air Charcoal	< MDA		pCi/meter ³			Weekly REMP samples at 6 stations
975	Fermi 2	3/21/2011	10:00	Off Site	Air Charcoal	I-131	3.17E-14	µCi/cc	2.70E-14	Clear	AP1-1 REMP sampler 1.4 miles NE of plant; weekly changeout
976	Fermi 2	3/21/2011	10:00	Off Site	Air Charcoal	I-131	< MDA	µCi/cc	< 2E-14	Clear	AP1-2 REMP sampler 0.6 miles NNW of plant; weekly changeout
977	Fermi 2	3/21/2011	10:00	Off Site	Air Charcoal	I-131	4.22E-14	µCi/cc	1.70E-14	Clear	AP1-3 REMP sampler 0.6 miles NW of plant; weekly changeout

978	Fermi 2	3/21/2011	10:00	Off Site	Air Charcoal	I-131	3.99E-14		µCi/cc	1.10E-14	Clear	API-4 REMP sampler 14.0 miles W of plant; weekly changeout
979	Fermi 2	3/21/2011	10:00	Off Site	Air Charcoal	I-131	< MDA		µCi/cc	~2E-14	Clear	API-5 REMP sampler 1.2 miles S of plant; weekly changeout
980	North Anna Power Station	3/21/2011	19:30	Off Site	Rain Water	I-131	4.53 E-6		µCi/ml		Rain	5.5 miles WSW of plant
981	NextEra Energy Seabrook	3/20/2011	20:20	On Site	Air Charcoal	I-131	2.66E-05		µCi/L		Clear	RCA Admin Bldg vent (unexpected)
982	NextEra Energy Seabrook	3/20/2011	21:24	On Site	Air Charcoal	I-131	1.45E-05		µCi/L		Clear	RCA Fume hood vents (unexpected)
983	Kewaunee Power Station	3/20/2011	12:00	On Site	Rain Water	I-131	3.41E-08		µCi/ml	8.00E-09	Rain	
984	Kewaunee Power Station	3/20/2011	12:00	On Site	Rain Water	I-131	4.43E-08		µCi/ml		Rain	
985	Kewaunee Power Station	3/20/2011	12:00	On Site	Rain Water	I-131	3.42E-08		µCi/ml		Rain	
986	Kewaunee Power Station	3/20/2011	12:00	On Site	Rain Water	I-131	3.76E-08		µCi/ml		Rain	
987	Palo Verde Nuclear Generating Station	3/20/2011	12:01	On Site	Air Charcoal	I-131	2.50E-12		µCi/cc		Other	Weather in transition from clear to mostly cloudy, PVMGS Sample # 2-11-0405
988	Palo Verde Nuclear Generating Station	3/20/2011	12:01	On Site	Air Particle Filter	Cs-134	3.87E-13		µCi/cc		Other	Weather in transition from clear to mostly cloudy, PVMGS Sample # 2-11-0404
989	Palo Verde Nuclear Generating Station	3/20/2011	12:01	On Site	Air Particle Filter	Cs-137	< mda		µCi/cc	5.19E-13	Other	Weather in transition from clear to mostly cloudy, PVMGS Sample # 2-11-0404
990	Palo Verde Nuclear Generating Station	3/19/2011	14:40	On Site	Air Charcoal	I-131	1.54E-12		µCi/cc		Clear	PVMGS Sample # 2-11-0400, 25-hour sample
991	Palo Verde Nuclear Generating Station	3/19/2011	14:40	On Site	Air Particle Filter	Cs-134	< mda		µCi/cc	2.22E-13	Clear	PVMGS Sample # 2-11-0401, 25-hour sample
992	Palo Verde Nuclear Generating Station	3/19/2011	14:40	On Site	Air Particle Filter	Cs-137	< mda		µCi/cc	3.58E-13	Clear	PVMGS Sample # 2-11-0401, 25-hour sample
993	Diablo Canyon Power Plant	3/19/2011	9:00	Off Site	Rain Water	I-132	8.52		µCi/L	3.65	Rain	Station 052, Site Boundary, NW at 0.5 miles from DCCP
994	Diablo Canyon Power Plant	3/19/2011	9:00	Off Site	Rain Water	Te-132	11.82		µCi/L	4.14	Rain	Station 052, Site Boundary, NW at 0.5 miles from DCCP
995	Diablo Canyon Power Plant	3/19/2011	9:00	Off Site	Rain Water	I-131	96.1		µCi/L	2.77	Rain	Station 052, Site Boundary, NW at 0.5 miles from DCCP
996	Diablo Canyon Power Plant	3/19/2011	9:00	Off Site	Rain Water	Other	60.5		µCi/L	3.17	Rain	Gross Beta, Station 052, Site Boundary, NW at 0.5 miles from DCCP
997	Diablo Canyon Power Plant	3/19/2011	9:00	Off Site	Rain Water	Other	3.29		µCi/L	1.77	Rain	Gross Alpha, Station 052, Site Boundary, NW at 0.5 miles from DCCP
998	Diablo Canyon Power Plant	3/19/2011	9:00	Off Site	Rain Water	Other	< MDA		µCi/L	0.789	Rain	Total Strontium, Station 052, Site Boundary, NW at 0.5 miles from DCCP
999	Diablo Canyon Power Plant	3/19/2011	9:00	Off Site	Rain Water	H-3	< MDA		µCi/L	223	Rain	Station 052, Site Boundary, NW at 0.5 miles from DCCP
1000	Diablo Canyon Power Plant	3/19/2011	9:00	Off Site	Rain Water	Cs-134	2.69		µCi/L	2.69	Rain	Station 052, Site Boundary, NW at 0.5 miles from DCCP
1001	Diablo Canyon Power Plant	3/19/2011	9:00	Off Site	Rain Water	Cs-137	2.42		µCi/L	1.96	Rain	Station 052, Site Boundary, NW at 0.5 miles from DCCP
1002	North Anna Power Station	3/19/2011	14:45	On Site	Air Charcoal	I-131	< MDA		µCi/cc	5.04 E-14		0.6 miles SE of the plant
1003	North Anna Power Station	3/19/2011	14:45	On Site	Air Charcoal	I-131	< MDA		µCi/cc	7.45 E-14		0.3 miles NW of the plant
1004	Dresden Station	3/18/2011	8:00	On Site	Air Charcoal	I-131	< mda		µCi/meter ³		Clear	
1005	Quad Cities Station	3/18/2011	13:40	On Site	Air Particle Filter	I-131	< mda		µCi/meter ³		Clear	
1006	Quad Cities Station	3/18/2011	8:00	On Site	Air Charcoal	I-131	0.066		µCi/meter ³		Clear	
1007	Diablo Canyon Power Plant	3/18/2011	17:00	Off Site	Air Charcoal	I-131	0.48		µCi/meter ³	0.00629	Clear	Station 7D1, front gate to DCCP in Avila Beach, ESE at 6.6 miles from DCCP
1008	Diablo Canyon Power Plant	3/18/2011	17:00	Off Site	Air Particle Filter	I-132	0.03		µCi/meter ³	0.00625	Clear	Station 7D1, front gate to DCCP in Avila Beach, ESE at 6.6 miles from DCCP
1009	Diablo Canyon Power Plant	3/18/2011	17:00	Off Site	Air Particle Filter	Te-132	0.03		µCi/meter ³	0.00524	Clear	Station 7D1, front gate to DCCP in Avila Beach, ESE at 6.6 miles from DCCP
1010	Diablo Canyon Power Plant	3/18/2011	17:00	Off Site	Air Particle Filter	Cs-134	< MDA		µCi/meter ³	0.006	Clear	Station 7D1, front gate to DCCP in Avila Beach, ESE at 6.6 miles from DCCP
1011	Diablo Canyon Power Plant	3/18/2011	17:00	Off Site	Air Particle Filter	Cs-137	0.00431		µCi/meter ³	0.00423	Clear	Station 7D1, front gate to DCCP in Avila Beach, ESE at 6.6 miles from DCCP
1012	Diablo Canyon Power Plant	3/18/2011	17:00	Off Site	Air Particle Filter	Other	0.333		µCi/meter ³	0.00184	Clear	Gross Beta, Station 7D1, front gate to DCCP in Avila Beach, ESE at 6.6 miles from DCCP
1013	Palo Verde Nuclear Generating Station	3/18/2011	13:16	On Site	Air Charcoal	I-131	< mda		µCi/cc	1.57E-13	Clear	
1014	Palo Verde Nuclear Generating Station	3/18/2011	13:16	On Site	Air Particle Filter	Cs-134	< mda		µCi/cc	2.92E-13	Clear	
1015	Palo Verde Nuclear Generating Station	3/18/2011	13:16	On Site	Air Particle Filter	Cs-137	< mda		µCi/cc	2.20E-13	Clear	
1016	Quad Cities Station	3/18/2011	13:40	On Site	Air Charcoal	I-131	< mda		µCi/meter ³		Clear	Control location (Q-42)
1017	Palo Verde Nuclear Generating Station	3/17/2011	13:21	On Site	Air Charcoal	I-131	< mda		µCi/cc	1.52E-13	Clear	
1018	Palo Verde Nuclear Generating Station	3/17/2011	13:21	On Site	Air Particle Filter	Cs-134	< mda		µCi/cc	2.21E-13	Clear	
1019	Palo Verde Nuclear Generating Station	3/17/2011	13:21	On Site	Air Particle Filter	Cs-137	< mda		µCi/cc	3.12E-13	Clear	

1020	LaSalle County Generating Station	3/17/2011	8:40	On Site	Air Charcoal	I-131	< mda	pCi/meter ³		Clear
1021	Braidwood Station	3/17/2011	15:40	On Site	Air Charcoal	I-131	< mda	pCi/meter ³		Clear
1022	Braidwood Station	3/17/2011	15:40	On Site	Air Charcoal	I-131	< mda	pCi/meter ³		Clear Duplicate sample Weekly onsite air sample from Unit 2 Vent Stack (main)
1023	Donald C. Cook Nuclear Plant	3/17/2011	0:30	On Site	Air Charcoal	I-131	< MDA	pCi/meter ³	~ 1.29E-14	Clear
1024	Peach Bottom Atomic Power Station	3/17/2011	11:40	Off Site	Milk	I-131	< mda	pCi/meter ³		Clear Dairy
1025	Three Mile Island Nuclear Station	3/16/2011	9:30	Off Site	Milk	I-131	< mda	pCi/meter ³		Clear Control Dairy
1026	Three Mile Island Nuclear Station	3/16/2011	12:50	On Site	Air Charcoal	I-131	< mda	pCi/L		Clear
1027	Diablo Canyon Power Plant	3/16/2011	7:10	Off Site	Air Charcoal	I-131	< MDA	pCi/meter ³	1.21E-02	Clear Station SF1, San Luis Obispo, ENE at 10.2 miles from DCPP, 7 day run (pulled on sample date) Station 701, front gate to DCPP in Avila Beach, ESE at 6.6 miles from DCPP, 7 day run (pulled on sample date)
1028	Diablo Canyon Power Plant	3/16/2011	9:20	Off Site	Air Charcoal	I-131	< MDA	pCi/meter ³	1.17E-02	Clear
1029	Diablo Canyon Power Plant	3/16/2011	8:56	Off Site	Air Charcoal	I-131	< MDA	pCi/meter ³	9.02E-03	Clear Station 852, Site Boundary, SE at 1.1 miles from DCPP, 7 day run (pulled on sample date)
1030	Diablo Canyon Power Plant	3/16/2011	8:24	On Site	Air Charcoal	I-131	< MDA	pCi/meter ³	1.18E-02	Clear Station 851, Onsite, SE at 0.5 miles from DCPP, 7 day run (pulled on sample date)
1031	Diablo Canyon Power Plant	3/16/2011	8:11	On Site	Air Charcoal	I-131	< MDA	pCi/meter ³	1.55E-02	Clear Station MT1, Onsite MET tower, S at 0.2 miles from DCPP, 7 day run (pulled on sample date)
1032	Diablo Canyon Power Plant	3/16/2011	8:37	On Site	Air Charcoal	I-131	< MDA	pCi/meter ³	1.05E-02	Clear Station 151, Onsite, NNW at 0.4 miles from DCPP, 7 day run (pulled on sample date)
1033	Diablo Canyon Power Plant	3/16/2011	8:44	Off Site	Air Charcoal	I-131	< MDA	pCi/meter ³	1.03E-02	Clear Station 052, Site Boundary, NW at 0.5 miles from DCPP, 7 day run (pulled on sample date)
1034	North Anna Power Station	3/16/2011	1:57	On Site	Air Charcoal	I-131	< MDA	pCi/cc	5.5 E-14	Clear 0.6 miles SE of plant
1035	North Anna Power Station	3/16/2011	2:45	On Site	Air Charcoal	I-131	< MDA	pCi/cc	7.94 E-14	Clear 0.4 miles NW of plant
1036	North Anna Power Station	3/16/2011	12:00	Off Site	Rain Water	I-131	< MDA	pCi/ml	2.59 E-8	Clear Rain 24 miles WNW of plant
1037	Clinton Power Station	3/16/2011	10:42	On Site	Air Charcoal	I-131	< mda	pCi/meter ³		Clear
1038	Oyster Creek Nuclear Generating Station	3/16/2011	9:16	On Site	Air Charcoal	I-131	< mda	pCi/meter ³		Clear
1039	Palo Verde Nuclear Generating Station	3/16/2011	11:51	On Site	Air Charcoal	I-131	< mda	pCi/cc	2.55E-13	Clear
1040	Palo Verde Nuclear Generating Station	3/16/2011	11:51	On Site	Air Particle Filter	Cs-134	< mda	pCi/cc	3.15E-13	Clear
1041	Palo Verde Nuclear Generating Station	3/16/2011	11:51	On Site	Air Particle Filter	Cs-137	< mda	pCi/cc	3.50E-13	Clear
1042	Palo Verde Nuclear Generating Station	3/15/2011	14:01	On Site	Air Charcoal	I-131	< mda	pCi/cc	1.78E-13	Clear
1043	Palo Verde Nuclear Generating Station	3/15/2011	14:01	On Site	Air Particle Filter	Cs-134	< mda	pCi/cc	3.06E-13	Clear
1044	Palo Verde Nuclear Generating Station	3/15/2011	14:01	On Site	Air Particle Filter	Cs-137	< mda	pCi/cc	2.88E-13	Clear
1045	South Texas Project Electric Generating Station One and Two	3/15/2011	12:00		Air Charcoal	I-131	< MDA	pCi/cc	1.68E-14	Clear Routine 7 day environmental samples, 3 consist at site boundary & S offsite. Date is sample STOP date. No sample showed I-131
1046	Byron Station	3/15/2011	12:35	On Site	Air Charcoal	I-131	< mda	pCi/meter ³		Clear
1047	Limerick Generating Station	3/15/2011	9:55	Off Site	Milk	I-131	< mda	pCi/meter ³		Clear
1048	Limerick Generating Station	3/15/2011	9:55	Off Site	Milk	I-131	< mda	pCi/meter ³		Clear
1049	Donald C. Cook Nuclear Plant	3/15/2011	1:26	On Site	Air Charcoal	I-131	< MDA	pCi/cc	1.48E-15	Clear Weekly Vent Stack Sample from Unit 1 (main)
1050	Limerick Generating Station	3/14/2011	9:42	On Site	Air Charcoal	I-131	< mda	pCi/meter ³		Clear
1051	Wolf Creek Generating Station	3/14/2011	9:00	Off Site	Air Charcoal	I-131	< MDA	pCi/meter ³		Clear Weekly REMM Samples at 6 stations
1052	Peach Bottom Atomic Power Station	3/14/2011	9:44	On Site	Air Charcoal	I-131	< mda	pCi/meter ³		Clear
1053	Palo Verde Nuclear Generating Station	3/14/2011	15:31	On Site	Air Charcoal	I-131	< mda	pCi/cc	1.77E-13	Clear
1054	Palo Verde Nuclear Generating Station	3/14/2011	15:31	On Site	Air Particle Filter	Cs-134	< mda	pCi/cc	2.04E-13	Clear
1055	Palo Verde Nuclear Generating Station	3/14/2011	15:31	On Site	Air Particle Filter	Cs-137	< mda	pCi/cc	2.00E-13	Clear
1056	Palo Verde Nuclear Generating Station	3/13/2011	8:40	On Site	Air Charcoal	I-131	< mda	pCi/cc	2.09E-13	Clear
1057	Palo Verde Nuclear Generating Station	3/13/2011	8:40	On Site	Air Particle Filter	Cs-134	< mda	pCi/cc	3.63E-13	Clear
1058	Palo Verde Nuclear Generating Station	3/13/2011	8:40	On Site	Air Particle Filter	Cs-137	< mda	pCi/cc	2.72E-13	Clear
1059	Diablo Canyon Power Plant	3/9/2011	7:20	Off Site	Air Charcoal	I-131	< MDA	pCi/meter ³	1.04E-02	Clear Station SF1, San Luis Obispo, ENE at 10.2 miles from DCPP, 7 day run (pulled on sample date) Station 701, front gate to DCPP in Avila Beach, ESE at 6.6 miles from DCPP, 7 day run (pulled on sample date)
1060	Diablo Canyon Power Plant	3/9/2011	7:33	Off Site	Air Charcoal	I-131	< MDA	pCi/meter ³	1.19E-02	Clear
1061	Diablo Canyon Power Plant	3/9/2011	7:55	Off Site	Air Charcoal	I-131	< MDA	pCi/meter ³	1.13E-02	Clear Station 852, Site Boundary, SE at 1.1 miles from DCPP, 7 day run (pulled on sample date)
1062	Diablo Canyon Power Plant	3/9/2011	8:15	On Site	Air Charcoal	I-131	< MDA	pCi/meter ³	1.05E-02	Clear Station 851, Onsite, SE at 0.5 miles from DCPP, 7 day run (pulled on sample date)

1053	Diablo Canyon Power Plant	3/9/2011	8:05	On Site	Air Charcoal	I-131	< MDA	pCi/meter ³	1.06E-02	Clear	Station MT1, On-site MET tower, Sat 0.2 miles from DCCP, 7 day run (pulled on sample date)
1064	Diablo Canyon Power Plant	3/9/2011	8:35	On Site	Air Charcoal	I-131	< MDA	pCi/meter ³	8.65E-03	Clear	Station 151, On-site, NW at 0.4 miles from DCCP, 7 day run (pulled on sample date)
1065	Diablo Canyon Power Plant	3/9/2011	8:45	Off Site	Air Charcoal	I-131	< MDA	pCi/meter ³	9.40E-03	Clear	Station OS2, Site Boundary, NW at 0.5 miles from DCCP, 7 day run (pulled on sample date)

From: LIA04 Hoc
Sent: Thursday, April 07, 2011 9:01 PM
To: LIA04 Hoc; Easson, Stuart; Flannery, Cindy; Lukes, Kim; Maupin, Cardelia; Noonan, Amanda; OST05 Hoc; Rautzen, William; Rivera, Alison; Ryan, Michelle; Turtill, Richard; Virgilio, Rosetta
Subject: Ops Center State Liaison Turnover from 4/7/11 (2PM - 9PM EDT)

Open action items from 4/7/11 evening shift

none

Summary of State Liaison Team from 4/7/11 2PM – 9PM SHIFT:

Flagged Inbox Emails require additional attention.

SL participated in 04/07/11 HHS/ CDC call with States at 1700 EDT and posted meeting minutes to LT log. Trish Milligan participated on behalf of the NRC; PMT and LT supported. The next call is scheduled for 04/12/11 at 1700 EDT There are no outstanding issues for NRC stemming from this call.

Received the first summary of US Nuclear Power Plant data compiled by NEI from EPA. CRCPD was on distribution.

Email from RGNIII requesting information from FEMA on centers in Quad Cities (protocols, etc) Federal replied that Quad City shelters are local government issue. (Joe Anderson in NSIR answered with more information, but same message – LT coordinator said it was fine) Two additional documents to RIII – 4/7/11, 3:21 pm email

Ongoing Request from ET:

Any information forwarded out of NRC needs to be run by the ET Director. Any email from Liaison desks the LT Director and coordinator MUST be copied. If forwarding information to RSLO's please be sure the correct markings OOU – Federal Family, etc. If you have any doubt of the document sensitivity consult the LT Director/Coordinator. Note 4/6/11, 5:01 pm email.

Ongoing Request from RST/PMT:

Also, RST and PMT have asked that if we are forwarding requests for information/action from them to please enter it in the task tracker system as well.

Ongoing Request from EPA:

NOTE: NRC has NOT released a RIS and is still referring all questions to EPA.

EPA is not collecting information/data from the States. If States have questions regarding radiation data in the United States they should go to : <http://www.epa.gov/japan2011/>. There are Q&A on EPA's web site if the States have further questions.

Ongoing action for FOIA request information gathering:

LT Coordinator asked SL Desk to forward all Inbox messages to FOIAResponse.hoc@nrc.gov . (This should populate when you start typing.)

During AM shift, please forward all Inbox emails from preceding day(s).

- To forward multiple messages, highlight messages to be forwarded and right click, selecting "Forward Items."
- Include the origin and date of emails in the subject line when sending (for example, "SL Desk 03/16-03/17/11").

Current Actions

- No Current Actions due from this shift. See "Follow-up Actions" for pending issues.

Follow-up Actions

- 03/31/11 evening shift – SL Received inquiry from RIII RSLO H. Logaras regarding FEMA issued EPZ maps. The following questions were asked:
 - o Is it appropriate to depict permanently shut down plants like Zion, Big Rock, LaCrosse and Trojan as having 10 and 50-mile EPZ's?
 - o I think the LaCrosse plant is in western Wisconsin rather than central Kansas, and is anything at all left a Trojan?

FEMA is inquiring with HQ and awaiting response (expects new maps tomorrow that do not include decommissioned plants). – Per e-mail sent by FEMA Liaison on 11:31 a.m. on 4/1, waiting for FEMA Headquarters to provide new maps that show accurate EPZ population numbers and only show operating plants. Sent email to Ken Wierman (FEMA) since they are no longer staffing the NRC Ops Center. His response indicated that the maps are still in the process of being revised. 04/05/11 3:08pm. Nothing received as of 9 pm on 4/7.

From: LIA08 Hoc
Sent: Friday, April 08, 2011 3:46 AM
To: LIA07 Hoc
Cc: LIA06 Hoc; LIA11 Hoc; LIA08 Hoc; LIA02 Hoc; LIA04 Hoc
Subject: RE: Draft 0430 4/8 NRC Status Update with input from LT
Attachments: April 8 0600 EDT one pager.doc

Good Morning Jim

Attached is the LT's input for the one pager

JJ

From: LIA07 Hoc
Sent: Friday, April 08, 2011 3:36 AM
To: LIA08 Hoc
Subject: RE: Draft 0430 4/8 NRC Status Update with input from LT

Thank you!

Jim

From: LIA08 Hoc
Sent: Friday, April 08, 2011 3:34 AM
To: LIA07 Hoc
Cc: LIA06 Hoc; LIA11 Hoc; LIA08 Hoc
Subject: RE: Draft 0430 4/8 NRC Status Update with input from LT

Good Morning Jim

Attached is the LT's input

Thanks

JJ

From: LIA07 Hoc
Sent: Friday, April 08, 2011 1:38 AM
To: LIA08 Hoc; Hoc, PMT12; RST01 Hoc; Hoc, RST16
Subject: Draft 0430 4/8 NRC Status Update

Good Morning,

Please find attached the draft 0430 Status update. Please make and highlight any changes and email them back to me by 0330 so that the ET has time to review prior to the 0430 deadline.

Thank you,

Jim

(b)(5)

~~OFFICIAL USE ONLY~~

(b)(5)

~~OFFICIAL USE ONLY~~

From: LIA04 Hoc
Sent: Friday, April 08, 2011 6:54 AM
To: FOIA Response.hoc Resource
Subject: State Liaison Desk 04/07/11
Attachments: reminders to LT members; Ops Center State Liaison Turnover from 4/7/11 (2PM - 9PM EDT); NEI US Nuclear Power Plant Data - 4/7/11; RE: EP question from end of cycle meeting; FW: State Liaison Operation Center Schedule for Week of 04/11/11; 04/07/2011 HHS Call; EDO Update; RE: Ops Center State Liaison Turnover from 4/6/11 (7AM-2PM EDT); RE: EP question from end of cycle meeting; RE: EP question from end of cycle meeting; RE: EP question from end of cycle meeting; Question from MA Re: Contamination Checks on Automobiles from Japan; EP question from end of cycle meeting; RE: Request of Release for NY Times mentioned Document FW: IN 2011-08 (ML110830824); FW: IN 2011-08 (ML110830824); RE: Action: Anticipating a question ahead of the End of Cycle Meeting

From: LIA04 Hoc
Sent: Friday, April 08, 2011 10:35 AM
To: Easson, Stuart; Flannery, Cindy; LIA04 Hoc; Lukes, Kim; Maupin, Cardelia; Noonan, Amanda; OST05 Hoc; Rautzen, William; Rivera, Alison; Ryan, Michelle; Turtill, Richard; Virgilio, Rosetta
Cc: Piccone, Josephine; Jackson, Deborah
Subject: FYI: QUERY: Proposed RSLO/HQ Ops Center PMT Conference Call
Attachments: FW: New Evacuation Perimeter Indian Point

FYI, we're trying to set up a conference call between PMT and the RSLOs this afternoon.

From: LIA04 Hoc
Sent: Friday, April 08, 2011 10:33 AM
To: Barker, Allan; Browder, Rachel; Erickson, Randy; Logaras, Harral; Maier, Bill; McNamara, Nancy; Tift, Doug; Trojanowski, Robert; Woodruff, Gena
Cc: Hoc, PMT12
Subject: QUERY: Proposed RSLO/HQ Ops Center PMT Conference Call

Good morning, in response to the many questions on the RASCAL runs included with Press Release 11-050 and the 50 mile evacuation recommendation, including the one received by RI from CT this morning (attached), the PMT has offered to hold a conference call with all of the RSLOS to brief them on talking points they may use in response to State requests relating to this information.

We were thinking of setting it up for 1 pm EST today, Friday, April 08, 2011. Please confirm your Region's availability so I can have the HOO set the call up and send out a scheduler.

Thanks,

Alison Rivera
State Liaison
NRC HQ Operations Center
301-816-5193

From: LIA04 Hoc
Sent: Friday, April 08, 2011 12:41 PM
To: Tifft, Doug
Subject: RE: QUERY: Proposed RSLO/HQ Ops Center PMT Conference Call

Thanks for your quick response. You're the only one so far to respond so we're going to send out a scheduler at this point, but push the call to 1:30.

Thanks, Alison

From: Tifft, Doug
Sent: Friday, April 08, 2011 10:34 AM
To: LIA04 Hoc
Subject: RE: QUERY: Proposed RSLO/HQ Ops Center PMT Conference Call

I'm available.
-Doug

From: LIA04 Hoc
Sent: Friday, April 08, 2011 10:33 AM
To: Barker, Allan; Browder, Rachel; Erickson, Randy; Logaras, Harral; Maier, Bill; McNamara, Nancy; Tifft, Doug; Trojanowski, Robert; Woodruff, Gena
Cc: Hoc, PMT12
Subject: QUERY: Proposed RSLO/HQ Ops Center PMT Conference Call

Good morning, in response to the many questions on the RASCAL runs included with Press Release 11-050 and the 50 mile evacuation recommendation, including the one received by RI from CT this morning (attached), the PMT has offered to hold a conference call with all of the RSLOS to brief them on talking points they may use in response to State requests relating to this information.

We were thinking of setting it up for 1 pm EST today, Friday, April 08, 2011. Please confirm your Region's availability so I can have the HOO set the call up and send out a scheduler.

Thanks,

Alison Rivera
State Liaison
NRC HQ Operations Center
301-816-5193

Subject: PMT/RSLO: talking points on 11-050 inputs & 50 mile recommendation for Japan

Location: (b)(6) Passcode: (b)(6)

Start: Fri 4/8/2011 1:30 PM

End: Fri 4/8/2011 2:00 PM

Recurrence: (none)

Meeting Status: Meeting organizer

Organizer: LIA04 Hoc

Required Attendees: Barker, Allan; Browder, Rachel; Erickson, Randy; Logaras, Herral; Maier, Bill; McNamara, Nancy; Tiff, Doug; Trojanowski, Robert; Woodruff, Gena; Hoc, PMT12

Call-in Number: (b)(6)

Passcode: (b)(6) #

Please note: call is scheduled for 1:30 pm.

From: LIA04 Hoc
Sent: Friday, April 08, 2011 1:18 PM
To: Hoc, PMT12
Subject: RE: QUERY: Proposed RSLO/HQ Ops Center PMT Conference Call

Yes, but it may just be R1 on the line.

From: Hoc, PMT12
Sent: Friday, April 08, 2011 1:17 PM
To: LIA04 Hoc
Subject: RE: QUERY: Proposed RSLO/HQ Ops Center PMT Conference Call

Is this call a go?

From: LIA04 Hoc
Sent: Friday, April 08, 2011 10:33 AM
To: Barker, Allan; Browder, Rachel; Erickson, Randy; Logaras, Herral; Maier, Bill; McNamara, Nancy; Tiff, Doug; Trojanowski, Robert; Woodruff, Gena
Cc: Hoc, PMT12
Subject: QUERY: Proposed RSLO/HQ Ops Center PMT Conference Call

Good morning, in response to the many questions on the RASCAL runs included with Press Release 11-050 and the 50 mile evacuation recommendation, including the one received by RI from CT this morning (attached), the PMT has offered to hold a conference call with all of the RSLOS to brief them on talking points they may use in response to State requests relating to this information.

We were thinking of setting it up for 1 pm EST today, Friday, April 08, 2011. Please confirm your Region's availability so I can have the HOO set the call up and send out a scheduler.

Thanks,

Alison Rivera
State Liaison
NRC HQ Operations Center
301-816-5193

From: LIA04 Hoc
Sent: Friday, April 08, 2011 2:27 PM
To: LIA04 Hoc; Easson, Stuart; Flannery, Cindy; Lukes, Kim; Maupin, Cardelia; Noonan, Amanda; OST05 Hoc; Rautzen, William; Rivera, Alison; Ryan, Michelle; Turtill, Richard; Virgilio, Rosetta
Subject: Ops Center State Liaison Turnover from 4/8/11 (7AM - 2PM EDT)

Open action items from 4/8/11 morning shift

none

Summary of State Liaison Team from 4/8/11 7AM – 2PM SHIFT:

Flagged Inbox Emails require additional attention.

SL participated in 04/08/11 HHS/ Pacific Basin ESF-8 call at 1100 EDT and posted meeting minutes to LT log. Jeff Temple participated on behalf of the NRC. The next call is scheduled for 04/12/11 at 1100 EDT. Canada expressed interest in receiving the reentry documents from NRC once approved. Jeff said he'd check with the ET.

Email from RI, Doug Tiff (4/8/11, 9:41 am) regarding State of CT questions on the 50 mile evacuation recommendation and RASCAL inputs from Press Release 11-050. PMT offered to support a conference call with the RSLOs to brief them on the talking points to use when responding to State inquiries. Conference call set up for 1:30 pm EDT on 4/8; only RI called in.

4/7/11 emails were sent to FOIA.Response

Ongoing Request from ET:

Any information forwarded out of NRC needs to be run by the ET Director. Any email from Liaison desks the LT Director and coordinator **MUST** be copied. If forwarding information to RSLO's please be sure the correct markings OUO – Federal Family, etc. If you have any doubt of the document sensitivity consult the LT Director/Coordinator. Note 4/6/11, 5:01 pm email.

Ongoing Request from RST/PMT:

Also, RST and PMT have asked that if we are forwarding requests for information/action from them to please enter it in the task tracker system as well.

Ongoing Request from EPA:

NOTE: NRC has NOT released a RIS and is still referring all questions to EPA.

EPA is not collecting information/data from the States. If States have questions regarding radiation data in the United States they should go to : <http://www.epa.gov/japan2011/>. There are Q&A on EPA's web site if the States have further questions.

Ongoing action for FOIA request information gathering:

LT Coordinator asked SL Desk to forward all Inbox messages to FOIAResponse.hoc@nrc.gov. (This should populate when you start typing.)

During AM shift, please forward all Inbox emails from preceding day(s).

- To forward multiple messages, highlight messages to be forwarded and right click, selecting "Forward Items."
- Include the origin and date of emails in the subject line when sending (for example, "SL Desk 03/16-03/17/11").

Current Actions

- No Current Actions due from this shift. See "Follow-up Actions" for pending issues.

Follow-up Actions

- 03/31/11 evening shift – SL Received inquiry from RIII RSLO H. Logaras regarding FEMA issued EPZ maps. The following questions were asked:
 - o Is it appropriate to depict permanently shut down plants like Zion, Big Rock, LaCrosse and Trojan as having 10 and 50-mile EPZ's?
 - o I think the LaCrosse plant is in western Wisconsin rather than central Kansas, and is anything at all left a Trojan?

FEMA is inquiring with HQ and awaiting response (expects new maps tomorrow that do not include decommissioned plants). – Per e-mail sent by FEMA Liaison on 11:31 a.m. on 4/1, waiting for FEMA Headquarters to provide new maps that show accurate EPZ population numbers and only show operating plants. Sent email to Ken Wierman (FEMA) since they are no longer staffing the NRC Ops Center. His response indicated that the maps are still in the process of being revised. 04/05/11 3:08pm. Nothing received as of 2 pm on 4/8.

From: Jones, Cynthia
Sent: Friday, April 08, 2011 3:43 PM
To: LIA04 Hoc
Subject: Out of Office: 2011 Japan Response State Call - scheduled regardless of potential government shutdown - Tues

Thanks for your message. I will be on official travel from April 9-16, and will be accessing emails on a limited basis, but will try to respond to your email as soon as possible.

Should you have an emergent issue, please call my blackberry at (b)(6) and leave a message. I will get back to you as soon as I can.

Thank you !
Cyndi

Cynthia G. Jones, Ph.D.
U.S. INES National Officer & Advisory Committee Member
Sr. Technical Advisor for Nuclear Security
Office of Nuclear Security & Incident Response
U.S. Nuclear Regulatory Commission
W: 301-415-0298
C: (b)(6)

To: Barker, Allan; Browder, Rachel; Erickson, Randy; Logaras, Herral; Maier, Bill; McNamara, Nancy; Tiff, Doug; Trojanowski, Robert; Woodruff, Gena
Cc: Piccone, Josephine; Jackson, Deborah
Subject: ~~Official Use Only~~ 1800 4/8 NRC Status Update
Attachments: USNRC Earthquake-Tsunami Update.040811.1800EDT.PDF

Good Evening,

Attached, please find a 1800 EDT, April 8, 2011 status update from the US Nuclear Regulatory Commission's Emergency Operations Center regarding the impacts of the earthquake/tsunami.

Please note that this information is "Official Use Only" and is only being shared within the federal family.

Please call the Headquarters Operations Officer at 301-816-5100 with questions.

Richard Turtill
State Liaison
NRC HQ Operations Center
301-816-5193

From: LIA04 Hoc
Sent: Friday, April 08, 2011 8:08 PM
To: Noonan, Amanda; Easson, Stuart; Flannery, Cindy; LIA04 Hoc; Lukes, Kim; Maupin, Cardelia; OST05 Hoc; Rautzen, William; Rivera, Alison; Ryan, Michelle; Turtill, Richard; Virgilio, Rosetta
Cc: LIA06 Hoc; LIA08 Hoc
Subject: Decision on Forwarding to the States "USNRC Emergency Operations Center Status Update"

State Liaison Operations Team:

It was decided by Liaison Team Director and others that the "USNRC Emergency Operations Center Status Update", Earthquake / Tsunami Status Update compiled by Executive Briefing Team, and which is generated at 0430 and 1800 daily, is **not** to be sent to the States. The report is marked Official Use Only, and the document is to be distributed solely by the Executive Briefing Team Coordinator.

Richard Turtill
U.S. NRC Operations Center
State Liaison

From: LIA04 Hoc
Sent: Sunday, April 10, 2011 3:00 PM
To: OST05 Hoc; LIA08 Hoc
Subject: FW: FW: Government of Japan Request for Assistance List - Update
Attachments: FW: Government of Japan Request for Assistance List - Update

From: OST05 Hoc
Sent: Sunday, April 10, 2011 3:00 PM
To: LIA04 Hoc; LIA08 Hoc
Subject: FW: Government of Japan Request for Assistance List - Update

From: LIA04 Hoc
Sent: Sunday, April 10, 2011 6:01 PM
To: OST05 Hoc; LIA08 Hoc
Subject: FW: FW: 1800 EDT (April 10, 2011) USNRC Earthquake/Tsunami Status Update
Attachments: 1800 EDT (April 10, 2011) USNRC Earthquake/Tsunami Status Update

From: OST05 Hoc
Sent: Sunday, April 10, 2011 6:01 PM
To: LIA04 Hoc; LIA08 Hoc
Subject: FW: 1800 EDT (April 10, 2011) USNRC Earthquake/Tsunami Status Update

From: LIA04 Hoc
Sent: Sunday, April 10, 2011 9:37 PM
To: OST05 Hoc; LIA08 Hoc
Subject: FW: FW: Consortium Call Notes for 4-10-2011.doc
Attachments: Consortium Call Notes for 4-10-2011.doc

From: OST05 Hoc
Sent: Sunday, April 10, 2011 9:36 PM
To: LIA04 Hoc; LIA08 Hoc
Subject: FW: Consortium Call Notes for 4-10-2011.doc

From: LIA04 Hoc
Sent: Monday, April 11, 2011 4:30 AM
To: OST05 Hoc; LIA08 Hoc
Subject: FW: FW: USNRC Earthquake/Tsunami Status Update: 0430 EDT, April 11, 2011
Attachments: USNRC Earthquake/Tsunami Status Update: 0430 EDT, April 11, 2011

From: OST05 Hoc
Sent: Monday, April 11, 2011 4:29 AM
To: LIA04 Hoc; LIA08 Hoc
Subject: FW: USNRC Earthquake/Tsunami Status Update: 0430 EDT, April 11, 2011

From: LIA04 Hoc
Sent: Monday, April 11, 2011 8:59 AM
To: OST05 Hoc; LIA08 Hoc
Subject: FW: 2 items: The Ops Center and Sit Reports distribution

From: Turttil, Richard
Sent: Monday, April 11, 2011 8:58 AM
To: Noonan, Amanda; Easson, Stuart; Flannery, Cindy; LIA04 Hoc; Lukes, Kim; Maupin, Cardelia; OST05 Hoc; Rautzen, William; Rivera, Alison; Ryan, Michelle; Turttil, Richard; Virgilio, Rosetta
Cc: Piccone, Josephine; Virgilio, Rosetta; Jackson, Deborah
Subject: 2 items: The Ops Center and Sit Reports distribution

State Liaison Ops Center folks:

1 of 2) First: there is a dramatic change in staffing downstairs. We will no longer be situated down in the Ops center. This will be good for all of us. More to follow on what minimal staffing we may need to provide. Thank you EVERYONE for your exceptional work.

2 of 2) On Friday, I instructed: "State Liaison Operations Team: It was decided by Liaison Team Director and others that the "USNRC Emergency Operations Center Status Update", Earthquake / Tsunami Status Update compiled by Executive Briefing Team, and which is generated at 0430 and 1800 daily, is not to be sent to the States. The report is marked Official Use Only, and the document is to be distributed solely by the Executive Briefing Team Coordinator.

Today, I received the following...

From: LIA08 Hoc
Sent: Monday, April 11, 2011 6:31 AM
To: Turttil, Richard
Subject: RSLO marching orders

Rich

Per Jennifer Uhle, per Jim Wiggins instructions....we CAN send the daily status update to the RSLO's, who can send it to their state contacts, BUT they must remind the state folks that this document is OUO, and is not for public dissemination.

Let me know if you have any questions about this. Lisa Gibney Wright is the daytime LT Coordinator and can answer any questions.

Thanks, and have a good day.

Jeff Temple

And then from Mike Weber on Saturday...

From: Weber, Michael
To: LIA07 Hoc

Cc: ET01 Hoc; ET05 Hoc; Virgilio, Martin; Moore, Scott; Lewis, Robert; OST02 HOC

Sent: Sat Apr 09 09:03:06 2011

Subject: Response - April 8, 2200 EDT "One Pager"

Thanks, Sara. I noted the caution at the end of the "one pager" not to give the Sitrep to the states. Have we established that was happening? Have we reached out to our RSLOs and FSME with this guidance?

I will be seeking clarification on what our policy really is. More to follow.

Rich

From: LIA04 Hoc
Sent: Monday, April 11, 2011 8:59 AM
To: OST05 Hoc; LIA08 Hoc
Subject: FW: FW: 2 items: The Ops Center and Sit Reports distribution
Attachments: 2 items: The Ops Center and Sit Reports distribution

From: OST05 Hoc
Sent: Monday, April 11, 2011 8:58 AM
To: LIA04 Hoc; LIA08 Hoc
Subject: FW: 2 items: The Ops Center and Sit Reports distribution

From: LIA04 Hoc
Sent: Monday, April 11, 2011 11:23 AM
To: OST05 Hoc; LIA08 Hoc
Subject: FW: FW: Tuesday 4/12 2011 Japan Response State Coordination Conference Call
Attachments: FW: Tuesday 4/12 2011 Japan Response State Coordination Conference Call

From: OST05 Hoc
Sent: Monday, April 11, 2011 11:23 AM
To: LIA04 Hoc; LIA08 Hoc
Subject: FW: Tuesday 4/12 2011 Japan Response State Coordination Conference Call

From: LIA04 Hoc
Sent: Monday, April 11, 2011 11:23 AM
To: OST05 Hoc; LIA08 Hoc
Subject: FW: Tuesday 4/12 2011 Japan Response State Coordination Conference Call
Attachments: image004.gif; image001.jpg

From: Tifft, Doug
Sent: Monday, April 11, 2011 11:22 AM
To: LIA04 Hoc
Cc: McNamara, Nancy
Subject: FW: Tuesday 4/12 2011 Japan Response State Coordination Conference Call

Please see below request from John Angil. Are meeting minutes being created for these meetings?
-Doug

From: John Angil [mailto:jangil@dps.state.vt.us]
Sent: Monday, April 11, 2011 11:21 AM
To: Tifft, Doug
Subject: RE: Tuesday 4/12 2011 Japan Response State Coordination Conference Call

Doug,
I heard them say that there are minutes available from this can you direct me to that location or send them to me...
John

John F. Angil, II Director
Radiological Emergency Response Program
Vermont Emergency Management
230 Main Street Suite 306
Brattleboro, VT 05301

Toll free (800) 347-0488

Office (802) 251-2172

Backberry (b)(6)

Pages (b)(6)

This e-mail message may contain privileged and / or confidential information. If you are not the intended recipient(s), you are hereby notified that any dissemination, distribution, or copying of this e-mail message is strictly prohibited. If you have received this e-mail in error, please immediately notify the sender and delete this e-mail from your computer...Electronic Communications Privacy Act, Title 18 U.S.C. Part 1, Chapter 119, Sections 2510-2521

CAUTION: The Department of Public Safety / Vermont Emergency Management cannot ensure the confidentiality or security of e-mail transmissions. For verification call (802) 251-2172...



From: Tifft, Doug [mailto:Doug.Tifft@nrc.gov]
Sent: Monday, April 11, 2011 08:05
To: McNamara, Nancy; Turner Jamie (DEMA); Chomiszak Janet (DEMA); rmuth@mema.state.md.us; Patrick Mulligan; Jon/ Christiansen/; Feeney, Andrew; Brunelle, Greg; Sutton, Anthony; sleary@co.orange.ny.us; Adam Stiebeling; greeleyd@co.rockland.ny.us; 'longon@co.rockland.ny.us'; Tamanini, Henry; John Angil; Michael O'Neil
Cc: Thomson, Rebecca; Hammons, Darrell; Colman, Steve
Subject: Tuesday 4/12 2011 Japan Response State Coordination Conference Call

Call: Tuesday, April 12, 2011 5:00 PM-6:00 PM.

Dial-In Information: US: (866) 844-9416/Intl: (203) 369-5026; passcode: (b)(6)

PLEASE NOTE: This call remains scheduled regardless of any potential federal government shut-down

2011 Japan Response State Coordination Conference Call

• When: Tuesday, April 12, 2011 5:00 PM-6:00 PM (GMT-05:00) Eastern Time (US & Canada).

• Call-in: US: (866) 844-9416/Intl: (203) 369-5026; passcode: (b)(6)

• Note: The GMT offset above does not reflect daylight saving time adjustments.

Agenda

- Welcome – Steve Boedigheimer, CDC
- ASTHO – Jim Blumenstock
- ASPR Update, Including Public Affairs
- CDC Update
- Reports from federal partners
- EPA
- FDA
- NRC
- DOE
- CBP
- NOAA
- HHS-IGA
- ACF
- SAMHSA
- IHS
- Q&A

- This call will be Operator Assisted
- All callers can begin dialing in 30 minutes prior to the meeting start
- All callers will be greeted by an Operator; please have the Passcode available when requested
- "Speakers" should identify themselves to the Operator at initial dial in
- Participants will hear music until the meeting starts
- The Operator will ask for: First Name, Last Name, Organization and City/State
- A Participant List will be provided to the POCs
- Federal partners will have open lines; other participants will be muted
- During the Question & Answer period, participants can press [*1] to be ask a question
- For any questions or problems, please contact: eoaudiovisual@cdc.gov

Please address any questions concerning this invitation or meeting to the CDC EOC Duty officer at 770-488-7100 or eoecreport@cdc.gov.

From: OST05 Hoc
Sent: Monday, April 11, 2011 11:23 AM
To: LIA04 Hoc; LIA08 Hoc
Subject: FW: Tuesday 4/12 2011 Japan Response State Coordination Conference Call
Attachments: FW: Tuesday 4/12 2011 Japan Response State Coordination Conference Call

From: LIA04 Hoc
Sent: Monday, April 11, 2011 12:04 PM
To: OST05 Hoc; LIA08 Hoc
Subject: FW: FW: ~~OUQ~~-- 1200 EDT (April 11, 2011) USNRC Earthquake-Tsunami Update
Attachments: ~~OUQ~~-- 1200 EDT (April 11, 2011) USNRC Earthquake-Tsunami Update

From: OST05 Hoc
Sent: Monday, April 11, 2011 12:04 PM
To: LIA04 Hoc; LIA08 Hoc
Subject: FW: ~~OUQ~~-- 1200 EDT (April 11, 2011) USNRC Earthquake-Tsunami Update

From: LIA04 Hoc
Sent: Monday, April 11, 2011 12:31 PM
To: OST05 Hoc; LIA08 Hoc
Subject: FW: Request for Information

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

From: Erickson, Randy
Sent: Monday, April 11, 2011 12:27 PM
To: Gbutner@cdph.gov
Cc: Maier, Bill; LIA04 Hoc
Subject: FW: Request for Information

Gary

Here is another direct request from Jeff Day in LA County for you to handle as you determine appropriate.

From: Jeffrey Day [jsday@ph.lacounty.gov]
Sent: Monday, April 11, 2011 11:21 AM
To: Erickson, Randy
Cc: Maier, Bill
Subject: RE: Request for Information

Randy,

I have a request for information. LA County is in the process of determining release criteria for contaminated containers from Japan or the surrounding area. PNNL came out to the port of LA and performed surveys on containers and has written up the results. I would like a copy of these results to help determine decision points on releasing cargo or having the cargo go through a more extensive contamination survey.

This report is in the hands of CBP in LA at a minimum. My lead contact at CBP in LA is Mr. Larios.

CBP Javier Larios 562-366-5516 or cell (b)(6)

We currently have ships in the port in which this criteria needs to be applied.

Thank you for your support.
-Jeff Day.

Jeff Day, RPT
Principal Radiation Protection Specialist
e-mail: jsday@ph.lacounty.gov
Telephone: (213) 351-7387, Fax: (213) 351-2718
Cellular: (b)(6), Pager: (b)(6)

Environmental Health - Radiation Management

3530 Wilshire Boulevard, 9th Floor, Los Angeles, CA 90010
24hr Emergency: (213) 974-1234 County Operator
24hr Emergency: (213) 989-7140 Public Health

From: Browder, Rachel
Sent: Tuesday, April 12, 2011 10:30 AM
To: McGrady-Finneran, Patricia; LIA04 Hoc
Subject: FW: State Conference Call Info - Japan Response

Pat,
I received the following email – which indicates that I'm the agency's primary speaker for this afternoon's call. I'm filling in for Bill Maier – but I believe this information is incorrect. Do you know who represents the NRC during this call?
Can we get that person's contact information to the coordinator?
I appreciate it,
Rachel

From: CDC IMS State Coordination Task Force [mailto:eocstatecoord@cdc.gov]
Sent: Tuesday, April 12, 2011 8:28 AM
To: Chip.lagdon@hq.doe.gov; Patrick.Simmons@dhs.gov; Browder, Rachel; Spear, Terri (SAMHSA); Verbeten, John E. (FDA/ORO/ORA); Natarajan, Nitin (OS); Michael, Gretchen (OS); White, Jonathan D. (ACF); Bowles.Jack@epamail.epa.gov; Mahon, John (IHS/HQ); anthony.siebers@noaa.gov; Bratcher Bowman, Nikki (OS)
Cc: randy.howe@dhs.gov; Milligan, Patricia; Mahon, John (IHS/HQ); flynn.mike@epa.gov; Russell, Elizabeth B. (ACF)
Subject: State Conference Call Info - Japan Response

Hello.

I have you listed as your agency's primary speaker in the ASTHO State Conference Call scheduled for today at 5:00. If this is incorrect, please identify the appropriate person.

Speakers are reminded to please call in at 4:45 for a brief pre-call review with Steve Boedigheimer, and to remain on the call for a brief recap after the main conference has ended.

In this call, we'd appreciate any information you have about trends you are seeing that may impact our response, e.g., status of reactors, levels seen in air, open water sources, food supplies, passengers/cargo, etc. As our efforts begin to slow down, we want to make sure we aren't missing anything of significance.

The call information:

When: Tuesday, April 12, 2011 5:00 PM-6:00 PM (GMT-05:00) Eastern Time (US & Canada).

Where: Bldg 21, Executive Conference Room; US: (866) 844-9416/Intl: (203) 369-5026; passcode

(b)(6)

Please identify yourself to the operator as a speaker when you call in so that your phone line will remain open during the call. Thanks again for your important participation.

Mark Davis
CDC/OPHPR/DSL
2011 Japan Response

From: OST05 Hoc
Sent: Tuesday, April 12, 2011 1:07 PM
To: LIA04 Hoc; LIA08 Hoc
Subject: FW: Updated: Pacific Islands Japan Event Update
Attachments: Updated: Pacific Islands Japan Event Update

From: OST05 Hoc
Sent: Tuesday, April 12, 2011 1:39 PM
To: LIA04 Hoc; LIA08 Hoc
Subject: FW: Pacific Islands Japan Event Update
Attachments: Pacific Islands Japan Event Update

From: OST05 Hoc
Sent: Wednesday, April 13, 2011 12:13 PM
To: LIA04 Hoc; LIA08 Hoc
Subject: FW: ~~OO~~-- 1200 EDT (April 13, 2011) USNRC Earthquake-Tsunami Update
Attachments: ~~OO~~-- 1200 EDT (April 13, 2011) USNRC Earthquake-Tsunami Update

From: CDC IMS State Coordination Task Force <eocstatecoord@cdc.gov>
Sent: Wednesday, April 13, 2011 4:11 PM
To: Boedigheimer, Steven F. (CDC/OPHPR/DSLRL); Rogers, Barbara A. (CDC/OD/OADP); Stevens, Sheila (ATSDR/OPPE); CDC IMS Current Ops Lead -2; 2011 Japan Earthquake (CDC); CDC IMS JIC Community Outreach/Education -2; Davis, Mark A. (CDC/ONDIEH/NCIPC); Talbert, Todd (CDC/OPHPR/DSLRL); Doan, Stephanie (CDC/ONDIEH/NCEH); Bushong, Erica L. (CDC/OPHPR/DSLRL); Marrone, Ashley A. (CDC/OID/NCEZID); Pippin, Roger L. (CDC/OPHPR) (CTR); Bryant, Jeffrey (Jeff) (CDC/OPHPR/DSLRL); Allred, Phillip M. (Mike) (CDC/ONDIEH/NCEH); Jones, Robert L. (CDC/ONDIEH/NCEH); Kapil, Vikas (CDC/ONDIEH/NCEH); Russell, Elizabeth B. (ACF); White, Jonathan D. (ACF); Sadovich, Juliana (ACF); Jones, Robin (ACF); Verbeten, John E. (FDA/ORO/OO); Jackson, Leeanne (FDA/CFSAN/OCD); Russo, Mark R. (FDA/OC/OCTC); Muldoon, Molly V. (FDA/OC); Leblanc, Pamela (FDA/CFSAN/OCD); El Hinnawy, Patricia C. (FDA/OC/OEXA); Delancey, Siobhan M. (FDA/OC/OEXA); Howard King, Vinetta M. (FDA/OC/OCTC); Mahon, John (IHS/HQ); Karol, Susan (IHS/HQ); Fowler, Erin (OS); Michael, Gretchen (OS); Ball, Harvey J. (OS); Forsha, Joseph D. (OS); Yeskey, Kevin (OS); Kaplowitz, Lisa (OS); Marinissen, Maria Julia (OS); Sanders, Melissa (OS); Vineyard, Michael (OS); Lurie, Nicole (OS); Bratcher Bowman, Nikki (OS); Natarajan, Nitin (OS); Sizemore, Tom (OS); Spear, Terri (SAMHSA); Herrmann, Jack (CDC naccho.org); Blumenstock, Jim (CDC astho.org); Bronstein, Al; Siebers, Anthony; Bowles, Jack; McDermott, Catherine; Hanson, Carolyn; Lagdon, Chip; Weise, Donna; Flynn, Mike; Brown, Jeffrey M. (FDA/CFSAN/OCD); Lusk, Jeffrey; Brinsfield, Kathryn; McAleenan, Kevin; LIA04 Hoc; Ryan, Michelle; OST05 Hoc; Milligan, Patricia; Simmons, Patrick; Browder, Rachel; Howe, Randy; Turtill, Richard; McBurney, Ruth; Flanders, Scott; Hill, Thomas A. (FDA/CFSAN/OCD); Tupin, Edward; Veal, Lee
Subject: Japan Response State Coordination Call CANCELLED for 14 April

There will NOT be a CDC-facilitated State Conference call tomorrow, Thursday, April 14. We anticipate that there may be a final call next week, but that remains unscheduled at this time.

Your participation in the calls to date has been important and highly valued. Thank you for your assistance in keeping our state health officials informed. We look forward to talking with you again in the near future.

Mark A. Davis
On Detail to OPHPR/DSLRL
State Coordination Desk
2011 Japan Response
404.553.7511

From: OST05 Hoc
Sent: Wednesday, April 13, 2011 4:12 PM
To: LIA04 Hoc; LIA08 Hoc
Subject: FW: Japan Response State Coordination Call CANCELLED for 14 April
Attachments: Japan Response State Coordination Call CANCELLED for 14 April

From: OST05 Hoc
Sent: Thursday, April 14, 2011 12:23 PM
To: LIA04 Hoc; LIA08 Hoc
Subject: FW: ~~000~~ -- 1200 EDT (April 14, 2011) USNRC Earthquake-Tsunami Update
Attachments: ~~000~~ -- 1200 EDT (April 14, 2011) USNRC Earthquake-Tsunami Update

From: OST05 Hoc
Sent: Friday, April 15, 2011 12:21 PM
To: LIA04 Hoc; LIA08 Hoc
Subject: FW: 000-- 1200 EDT (April 15, 2011) USNRC Earthquake-Tsunami Update
Attachments: 000-- 1200 EDT (April 15, 2011) USNRC Earthquake-Tsunami Update

From: OST05 Hoc
Sent: Saturday, April 16, 2011 1:01 PM
To: LIA04 Hoc; LIA08 Hoc
Subject: FW: ~~OO~~ -- 1200 EDT (April 16, 2011) USNRC Earthquake-Tsunami Update
Attachments: ~~OO~~ -- 1200 EDT (April 16, 2011) USNRC Earthquake-Tsunami Update

From: OST05 Hoc
Sent: Sunday, April 17, 2011 12:25 PM
To: LIA04 Hoc; LIA08 Hoc
Subject: FW: USNRC Emergency Operations Center Status Update
Attachments: USNRC Emergency Operations Center Status Update

From: OST05 Hoc
Sent: Monday, April 18, 2011 1:31 PM
To: LIA04 Hoc; LIA08 Hoc
Subject: FW: RESEND: USNRC Emergency Operations Center Status Update
Attachments: RESEND: USNRC Emergency Operations Center Status Update

From: McNamara, Nancy
Sent: Monday, April 18, 2011 2:48 PM
To: LIA04 Hoc
Subject: Question

What are the pluses and minuses between storing fuel in a pool or in dry casks?

From: McNamara, Nancy
Sent: Monday, April 18, 2011 3:42 PM
To: LIA04 Hoc
Subject: question

The NRC recently testified before the ACRS on the Japanese Event. Is the NRC going to make the public transcript available on the NRC external website?

From: OST05 Hoc
Sent: Tuesday, April 19, 2011 11:45 AM
To: LIA04 Hoc; LIA08 Hoc
Subject: FW: USNRC Earthquake-Tsunami Update 041911 DRAFT 1200EDT
Attachments: USNRC Earthquake-Tsunami Update 041911 DRAFT 1200EDT

From: OST05 Hoc
Sent: Tuesday, April 19, 2011 12:52 PM
To: LIA04 Hoc; LIA08 Hoc
Subject: FW: USNRC Earthquake-Tsunami Update 041911 Revision 1, 1300 EDT
Attachments: USNRC Earthquake-Tsunami Update 041911 Revision 1, 1300 EDT

From: Marshall, Jane
Sent: Tuesday, April 19, 2011 8:32 PM
To: LIA04 Hoc; Wimbush, Andrea
Cc: Temple, Jeffrey
Subject: RE: FOIA info request from our Japan Site Team

NRC is working to coordinate all Japan related FOIAs under a Task Force. A yellow announcement will be out soon to tell everyone about it – we're still working out the exact wording with OIS.

I'm not sure how we'll handle the requests for the Japan Team, so at this point in time they're not supposed to be forwarding their emails to the FOIA box. Please follow up with them on that point.

I need the team member names who need their mailbox sizes increased (maybe another item for the lessons learned) so that we can get OIS to increase their box size.

From: LIA04 Hoc
Sent: Tuesday, April 19, 2011 7:03 PM
To: Wimbush, Andrea
Cc: Marshall, Jane
Subject: FOIA info request from our Japan Site Team

On a conference call with the Japan Site Team Tuesday night, they asked for information regarding responding to a FOIA request from Region IV. The team seemed to be unfamiliar with the need to send all their generated emails to our FOIAResource file. We will send the team info to remind them about the need to do that. They raised three questions:

Do we have a FOIA Japan point of contact who is tracking all FOIA requests for Japan event information, even if the FOIA request is sent to a regional office, and not to HQ.

What are our FOIA requirements for documents that are in hard copy (and not sent by email so there is no Email trace), and disks of data from the Japanese?

We need to contact OIS and have them increase the size of the Japan Team Microsoft Outlook mail boxes.

Jeff Temple

From: OST05 Hoc
Sent: Thursday, April 21, 2011 1:53 PM
To: LIA04 Hoc; LIA08 Hoc
Subject: FW: USNRC Earthquake-Tsunami Update - 1200 EDT (April 21, 2011)
Attachments: USNRC Earthquake-Tsunami Update - 1200 EDT (April 21, 2011)

From: OST05 Hoc
Sent: Thursday, April 21, 2011 1:54 PM
To: LIA04 Hoc; LIA08 Hoc
Subject: FW: USNRC Earthquake-Tsunami Update - 1200 EDT (April 21, 2011)
Attachments: USNRC Earthquake-Tsunami Update - 1200 EDT (April 21, 2011)

From: OST05 Hoc
Sent: Friday, April 22, 2011 12:56 PM
To: LIA04 Hoc; LIA08 Hoc
Subject: FW: USNRC Earthquake-Tsunami Update - 1200 EDT (April 22, 2011)
Attachments: USNRC Earthquake-Tsunami Update - 1200 EDT (April 22, 2011)

From: OST05 Hoc
Sent: Monday, April 25, 2011 12:02 PM
To: LIA04 Hoc; LIA08 Hoc
Subject: FW: USNRC Earthquake-Tsunami Update 042511 1200 EDT ---- pmt edits
Attachments: USNRC Earthquake-Tsunami Update 042511 1200 EDT ---- pmt edits

From: OST05 Hoc
Sent: Tuesday, April 26, 2011 12:26 PM
To: LIA04 Hoc; LIA08 Hoc
Subject: FW: USNRC Earthquake-Tsunami Update 042611 1200 EDT (Final email distrubution)
Attachments: USNRC Earthquake-Tsunami Update 042611 1200 EDT (Final email distrubution)

From: LIA08 Hoc
Sent: Friday, April 08, 2011 3:47 AM
To: LIA02 Hoc; LIA04 Hoc
Subject: FW: Draft 0430 4/8 NRC Status Update with input from LT
Attachments: USNRC Earthquake-Tsunami Update 040811 0430EDT update with LT input.docx

From: LIA08 Hoc
Sent: Friday, April 08, 2011 3:34 AM
To: LIA07 Hoc
Cc: LIA06 Hoc; LIA11 Hoc; LIA08 Hoc
Subject: RE: Draft 0430 4/8 NRC Status Update with input from LT

Good Morning Jim

Attached is the LT's input

Thanks

JJ

From: LIA07 Hoc
Sent: Friday, April 08, 2011 1:38 AM
To: LIA08 Hoc; Hoc, PMT12; RST01 Hoc; Hoc, RST16
Subject: Draft 0430 4/8 NRC Status Update

Good Morning,

Please find attached the draft 0430 Status update. Please make and highlight any changes and email them back to me by 0330 so that the ET has time to review prior to the 0430 deadline.

Thank you,

Jim