Compilation of Recent CEP Communications
6/26/18 to 10/4/2018

Transportation

From: Steven Maheras
Date: Saturday, July 14, 2018 at 5:34 AM
To: "David G. Victor", "Quinn, Ted
Subject: doe presentation to vy ndcap

David and Ted--

Attached is a recent presentation on Planning for Future Transportation of Spent Nuclear Fuel that Erica Bickford gave to the Vermont Yankee Nuclear Decommissioning Citizens Advisory Panel. This may be shared with others.

Steve Maheras
Pacific Northwest National Laboratory

Attachment:
1 – Planning for Future Transportation of Spent Fuel – Presentation by Erica Bickford PhD (DOE) and Steve Maheras, PhD (Pacific Northwest Laboratory) to the Vermont Yankee Nuclear Decommissioning Citizens Advisory Panel – June 28, 2018
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ISFSI Radiation Monitoring

From: David G. Victor
Sent: Tuesday, June 26, 2018 10:14 AM
To: Gene Stone; Tom Palmisano; Julie C Holt; Manuel Camargo; Garry Brown; Dan Stetson; Steven Swartz; Mel Vernon
Subject: (External): Re: Report to CEP, Jun 12 Rad Readings at San Onofre

Thanks Gene. Manuel, can you please share with the CEP along with other relevant correspondence. Thx, David

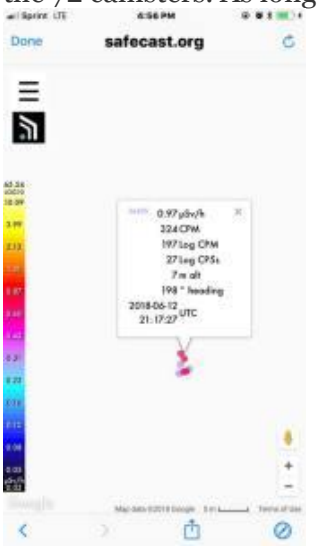
From: Gene Stone
Reply-To: Gene Stone
Date: Tuesday, June 26, 2018 at 6:42 AM
To: "David G. Victor", Tom Palmisano, "Julie C. Holt", Manuel Camargo, Garry Brown, Dan Stetson, Steven Swartz, Mel Vernon
Subject: Report to CEP, Jun 12 Rad Readings at San Onofre

Cep members,
David could you share this email with the rest of the CEP members not listed above, please.
The information below raises many questions that will be of interest to the public. See Wed afternoon.

Is a First Alert System at San Onofre Nuclear Waste Dump Possible?
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Darin and I took some radiation readings June 12 at SONGS on the ISFSI pad of 324 CPM's and talked to Tom Palmisano about Safecast and the setup of a real-time independent radiation monitoring system with free public access.
I posed several questions to Sean Bonner of Safecast and Arnie Gunderson of Fairwinds and Dan Sypre of Medcom International about how a first alert system at San Onofre nuclear waste dump should be implemented. Below is their combined answers.
If SCE would place a Solorcast nano (using the CPM option} and a thermocouple were to be placed at each of San Onofre Holtex canisters right at the heat vent for monitoring like Darin and I did on Jun 12 (see picture) we know that there will be some differences between each of the 72 canisters. As long as the CPM numbers on a particular canister stayed close to that same



number, say 324 CPM's over a period of time, that would indicate "no leak". However, if this same canister's numbers moved up more than 100 CPM's or more (or any of the other canisters numbers changed), that higher number if it stays up for 24hrs or so would be an indication that a leak has begun, therefore being an early warning system. We would also have to do the same monitoring at the 51 Areva canisters that some of them are already 15 years old. SCE monitors are on the fence more than 50 ft away and 30 ft high in the air and are too far away to pick up these subtle numbers because they are monitoring in Rems instead of CPM's. The use of CPM will give us quick action and notification time we would need to warn the public, if, of course, we have real-time public radiation monitoring.
"The Solarcast (and the new Solorcast nano) and the earlier Pointcast system were designed specifically for that kind of always-on-always-connected purpose. So, a real-time first alert system is a good idea. We'd love to work with you to put together an appropriate system though, and honestly, the new Solarcast Nano's might be perfect for this.

Yes, our system was designed with that in mind, the final coding on that isn't done but the idea is you can specify all sensors within X area and if they increase by more than a certain % you can be notified." Sean Bonner
The answer is "YES" it is possible to have a First Alert System at San Onofre Nuclear Waste Dump!
Sincerely,

Gene Stone
Residents Organized For a Safe Environment (ROSE)
"The secret of change is to focus all of your energy not on fighting the old, but on building the new." Socrates

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From: Gene Stone
Sent: Tuesday, August 07, 2018 1:27 PM
To: David G. Victor; Dan Stetson; Tom Palmisano; Steven Swartz; Marni Magda; Garry Brown; Mel Vernon; Jerry Kern; Julie C Holt; dboston; Bill Horn
Cc: Manuel Camargo
Subject: (External): Former NRC Chief Says "San Onofre's Nuclear Waste May Never Be Moved." Greg Jaczko

CEP members,
Please take a moment to read and listen to one of the best and most important news reports from Alison St John on San Onofre. (David, will you please share with all the CEP members).

Former NRC Chief Says "San Onofre's Nuclear Waste May Never Be Moved." Greg Jaczko

"KPBS just published a blockbuster story exposing why Edison's program of storing deadly nuclear wast on the beach is a PERMANENT, not "temporary" plan. This is a "must listen, must watch" story that explains why the so-called "settlement to move the waste" is a dangerous deception. This story explains why we must show up in force at the State Lands Commission Hearings next week to speak out against the permit that will allow the premature destruction of the spent nuclear fuel pools. Please see below." A must watch video. https://www.kpbs.org/…/former-nrc-chief-says-edison-should…/

We now have over 1551 signatures on our petition. More reasons we need INDEPENDANT Real-Time Radiation Monitoring! Please sign and share our petition today at Sign the Petition
*Real defense in dept is a Hot cell on site and Public Real Time INDEPENDANT Radiation Monitoring. Stop

kidding ourselves these CANS are going to be here for a long time.
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Sign the Petition

I'm for Independent Real Time Radiation Monitoring at San Onofre

Sincerely,
Gene Stone
Residents Organized For a Safe Environment (ROSE)
http://residentsorganizedforasafeenvironment.wordpress.com/
http://partofthearth.blogspot.com/
"The secret of change is to focus all of your energy not on fighting the old, but on building the new." Socrates

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From: Gene Stone
Date: Wednesday, October 3, 2018 at 2:00 PM
To: "Julie C. Holt", "David G. Victor", Dan Stetson
Tom Palmisano
Subject: 2nd Nuclear Waste

David, please share with the rest of the CEP members.

2nd Nuclear Waste Symposium/Radiation Monitoring
ROSE, invites you to attend our upcoming 2nd event on Nuclear Waste with Dr. Tom English and Joe Moross. Real facts about what's in the "cans" and what could come out of them. There will also be a discussion about Independent Real-Time Radiation Monitoring at San Onofre Nuclear Waste site with Joe Moross from Safecast on Oct 18, 2018, at 1201 Puerta Del Sol Suite 100 San Clemente, California 92673, 3 to 5:30 pm. We will also discuss the higher radiation readings Darin and I got on our last visit to San Onofre Nuclear Waste site.

We plan to stay on these two topics because of the time factor. Also, we want to have lots of time for a real back and forth discussion on both topics, so bring your questions. They will be answered with the best information we have.
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SCE was invited to participate in this symposium, but they declined because they do not want to come out and speak in public until sometime in November when the NRC will hold a meeting with their findings from the September 10 inspection. Joe Moross from Safecast is only here until late October which is why we are going ahead with this symposium.

Sincerely,
Gene Stone
Residents Organized For a Safe Environment (ROSE)
On twitter @gene_stone
http://residentsorganizedforasafeenvironment.wordpress.com/
http://partofthearth.blogspot.com/
"The secret of change is to focus all of your energy not on fighting the old, but on building the new." Socrates

Used Fuel Management

From: Rod Baltzer
Date: Thursday, August 9, 2018 at 1:40 PM
To: Tom Palmisano
Subject: (External):Baltzer - Deep Isolation

Tom,
I hope all is well with you. I wanted to let you know that I joined Deep Isolation as their Chief Operating Officer last week (see attached press release). They are developing a deep, horizontal drill hole concept for the disposal of spent nuclear fuel (you can see a YouTube video of the concept at: https://youtu.be/yShgKgzhOXc). We are starting to engage with utilities about it and I thought I'd make sure you knew about it in case someone brings it up.

I'm happy to discuss it by phone or come visit you. My cell phone number hasn't changed, but email has. My new contact information is below.

Thanks,
Rod

Rod Baltzer
Deep Isolation Chief Operating Officer
www.deepisolation.com
The information transmitted is intended only for the person or entity to which it is addressed and may contain confidential and/or privileged material. Any review, retransmission, dissemination or other use of, or taking of any action in reliance upon, this information by persons or entities other than the intended recipient is prohibited. If you received this in error, please contact the sender and delete the material from any computer.

Attachment:
2 – Deep Isolation Announces Appointment of Rodney Baltzer as Chief Operating Officer (COO) - Berkley, CA – August 1, 2018

MPC Downloading Event

-----Original Message-----
From: David G. Victor
Sent: Thursday, August 30, 2018 3:43 PM
To: Manuel Camargo
Subject: (External):FW: Letter sent to the NRC regarding the special inspection at San Onofre

For the next circular

On 8/30/18, 3:41 PM, "Ray Lutz" wrote:

> Hello:
>
> Please find attached the letter sent to NRC regarding the recently announced special inspection at San Onofre regarding the "near miss" incident where a spent fuel canister was nearly accidently dropped 18 feet. This letter has also been submitted as comment to the State Lands Commission, and to the Community Engagement Panel.
>
> --Ray Lutz
> -------
> Ray Lutz
> Citizens' Oversight Projects (COPs)
> http://www.citizensoversight.org

Attachment:
3 – Citizens' Oversight Projects (COPs) - Letter to NRC Victor Dricks on Special Inspection - August 30, 2018

Consolidated Interim Storage (CIS)

From: David G. Victor
Sent: Tuesday, September 11, 2018 4:53 AM
To: Manuel Camargo; Daniel Stetson; Jerry Kern
Subject: (External):FW: From Energywire -- NUCLEAR: A Texas waste storage plan is back. So is the opposition

Manuel
Can you pls include in the next circular to the CEP.

Thx
D

Attachment:
4 - A Texas Waste Storage Plan is back. So is the Opposition – E&E New Publication –Sept.11, 2018

From: David G. Victor
Sent: Sunday, September 23, 2018 4:43 PM
To: Andy Zalay
Cc: Manuel Camargo
Subject: (External):Re: Request for Advice: Opportunity to Restore SONGS site

Andy

Thanks for your note.

Just to clarify—the advice you are seeking is how to add your note and attachments to the official record? If so, Manuel can help us add this to the next CEP circular.

David

From: Andy Zalay
Date: Sunday, September 23, 2018 at 3:14 PM
To: "David G. Victor
Subject: Request for Advice: Opportunity to Resttore SONGS site

Dear Prof. Victor: For your comments and suggestions, please find resend of email to SONGS Panel including OCR article appearing today which was rejected by the Panel web link.

I would be grateful if you can point me in the right direction.

Kind Regards,

Andy

RE: Request to Address Panel Nov 29, 2018 Regarding Appropriate Long-Term Storage Option

Dear Professor David Victor and Members of the SONGS Community Engagement Panel (Panel):

Please find attached Orange County Register (OCR) article dated Sept 23, 2018, SAN ONOFRE "*Be transparent about nuclear plant*" with excerpts as follows,

...According to NRC law, spent fuel will be stored on the SONGS site for the foreseeable future, at least until 2035, or when an appropriate long-term storage option becomes available.

Please find this request to address Panel at next meeting Nov 29, 2018 to seek the Panel's advice regarding a potential option as follows;

PANEL TO CONSIDER FEASIBILITY TO RESTORE SONGS SITE INTO THE SOLUTION FOR THE WATER/ENERGY NEXUS FACING THE WEST:

- Opportunity for Panel to recommend Federal/State Agency Task Force to clean up SONGS and to solve the 4 million-acre feet (4MAF) drought in the Colorado River Basin (solve the water energy nexus)

- Request for Task Force to include DOE Secretary Rick Perry- nuclear energy master, and DOI Secretary Zinke- water master, hydro energy master and SONGS site property manager.

- Proposed Mission of Task Force is to;

    - Remove spent fuel rods and radioactive materials from SONGS to a new DOE/NRC re-processing and storage facility at Yucca Mtn

    - Restore SONGS site suitable for a 4MAF desalination plant to provide safe, secure drinking water for over 40 million residents (previous application to use SONGS sea water conduits for desalination available upon request)

    -

    - Spent nuclear rods (and 50,000+ metric tons from other nuclear plants) to be re-processed at Yucca Mtn by a 5GW Energy Park on a 30,000-acre site to be leased by DOI/BLM (plan of development previously filed with BLM and DoD plant application is available upon request)

    - Energy from the 5GW Yucca Mtn plant wheeled to 4MAF desalination plant at SONGS via upgrades to CALISO grid

BACKGROUND

The above concept is based on inputs from the local and regional water agencies (this project is too large for them to consider; hence the need for Panel leadership) and personal experience to build the 160MW wind farm which powers the City of Sydney desalination plant with green energy.

I applaud the work of the Panel and look forward to your constructive comments and suggestions.

Kind Regards,

Andy

Andrew Zalay, P.E.

Attachment:
5 - Transparency Article by G. Brown – Orange County Register, Sept. 23, 2018
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Additional Attachments:
6 - NRC Event Notification Report #53642 – San Onofre Fitness for Duty 10-3-18
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