Compilation of Public Email Communications
10-25-23 to 11-20-23

Sandia National Laboratory: Climate Speaker Series Follow-up

From: Manuel Camargo
Sent: Friday, November 3, 2023 2:43 PM
To: Michelle Anderson; Mike Balsamo; Mark Enmeier; Jim Desmond; Kristal Jabara; Katrina Foley; Alyssa Napuri; Garry Brown; Rob Howard; Sam Jammal; Scott Kibbey; Val Macedo; Marni Magda; Ted Quinn; Mark Riddlebarger; Mike Sappingfield; Ken Schultz; John Taylor; Captain Mel Vernon; Michael Villar; Adam Tallabas; Victor Cabral; Martha McNicholas; Daniel T. Stetson
Cc: Fred M Bailly; Vincent J Bilovsky; James Peterson; Liese Mosher; Lorraine Quinn Sandstrom; Julie Holt; Ronald Pontes; Jerry L Stephenson; Mark E Morgan; David G. Victor; Ross Quam; RANDALL GRANAAS
Subject: (for awareness):Re: Sandia's Climate Speaker Series follow up

Dear Community Engagement Panel,

At Dan's request I am circulating material from the Sandia National Laboratories pertaining to Sandia's Nuclear Energy Fuel Cycle program. The attached files and links contain fact sheets and resources pertaining to Sandia's Nuclear Energy Fuel Cycle program.

Provided for your awareness.

Manuel

Manuel C. Camargo Jr.
Principal Manager, Strategic Planning
Southern California Edison | SONGS Decommissioning

Attachment #1 – Modeling and Simulation for Safeguards
Attachment #2 – Nuclear Waste Management at Sandi Labs Resources and Videos
Attachment #3 – Sandia National Labs- Modeling and Simulation for Safeguards at Nuclear Waste Reprocessing Facilities, November 15, 2022
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For Awareness: KTLA News Article and Broadcast Regarding San Onofre

From: Lorraine Quinn Sandstrom
Sent: Monday, November 6, 2023 3:23 PM
To: Dan Stetson; Victor Cabral; Martha McNicholas; Michelle Anderson; Mike Balsamo; Katrina Foley; Garry Brown; Jim Desmond; Rob Howard; Sam Jammal; Scott Kibbey; Marni Magda; Val Macedo; Ted Quinn; John Taylor; Mel Vernon; Michael Villar; Alyssa Napuri; Mark Enmeier; Kristal Jabara; John Gabbard; Mark Riddlebarger; Mike Sappingfield; Ken Schultz
Cc: Manuel Camargo
Subject: For Awareness: KTLA 5 News Article and Broadcast Regarding San Onofre
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Dear CEP Members and Alternates,

For awareness, we are sharing a recent article and broadcast by KTLA 5 News regarding San Onofre.

https://ktla.com/news/local-news/no-easy-solutions-for-removing-san-onofres-spent-nuclear-fuel/

What happens to San Onofre's spent nuclear fuel?

The San Onofre nuclear power plant hasn't generated any electricity in more than ten years. But even as the iconic plant is being dismantled, it is still generating controversy over what to ...

ktla.com

Kind Regards,

Lorraine Sandstrom

Community Affairs and Relations, Senior Specialist
Community Engagement Panel (CEP) Management and Stakeholder Engagement (DA Complex -B)
Southern California Edison, San Onofre Nuclear Generating Station (SONGS)

No attachment. Direct links within text above.

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SONGS CEP Featured in Report at the American Academy of Arts and Sciences

From: Daniel T. Stetson
Sent: Monday, November 6, 2023 5:27 PM
To: Lorraine Quinn Sandstrom; Victor Cabral; Martha McNicholas; Michelle Anderson; Mike Balsamo; Katrina Foley; Garry Brown; Jim Desmond; Rob Howard; Sam Jammal; Scott Kibbey; Marni Magda; Val Macedo; Ted Quinn; John Taylor; Mel Vernon; Michael Villar; Alyssa Napuri; Mark Enmeier; Kristal Jabara; John Gabbard; Mark Riddlebarger; Mike Sappingfield; Ken Schultz
Cc: Manuel Camargo; David G. Victor; Fred M Bailly; Daniel T. Stetson; Vincent J Bilovsky
Subject: (External):SONGS CEP Featured in report at the American Academy of Arts & Sciences
Importance: High

Dear Community Engagement Panel Members,

Our SONGS Community Engagement Panel has been featured as a case study in a new report calling for a coordinated, cross-sector effort to combat climate change. The report, authored by the Commission
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on Accelerating Climate Action at the American Academy of Arts & Sciences, features strategies and recommendations rooted in justice, pragmatism, and accountability.

The CEP case study highlights our work to create opportunities for communities affected by the decommissioning of SONGS to engage in dialogue with SCE and offer input on the decommissioning process. The CEP is cited as a model for future engagement on climate change.

Former CEP chair David Victor (also of UC San Diego and Brookings Institution) was among the co-chairs of the Commission that authored the report. Others were Mustafa Santiago Ali (National Wildlife Federation), Christopher Field (Stanford), and Patricia Vincent-Collawn (PNM Resources).

The report, *Forging Climate Solutions: How to Accelerate Action Across America*, was developed over a two-year period by a diverse commission of leaders sharing their expertise and priorities. The Commission's report recommends how corporations, frontline communities, government, and environmental groups can work together to mobilize investments, build infrastructure, reduce emissions, and prepare for the impacts of climate change.

A digital version of the report and more are available at https://www.amacad.org/climate. Feel free to share this information with others in your network.

Thank you for your contributions to exemplary public engagement.

Sincerely,

Dan

No attachment. Direct links within text above.
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Paper on ISFSI "Comforts and Concerns"

From: Manuel Camargo
Sent: Monday, November 20, 2023 4:36 PM
To: Michelle Anderson; Mike Balsamo; Mark Enmeier; Jim Desmond; Kristal Jabara; Katrina Foley; Alyssa Napuri; Garry Brown; Rob Howard; Sam Jammal; Scott Kibbey; Val Macedo; Marni Magda; Ted Quinn; Mark Riddlebarger; Mike Sappingfield; Ken Schultz; John Taylor; Captain Mel Vernon; Michael Villar; Adam Tallabas; Victor Cabral; Martha McNicholas; Daniel T. Stetson
Cc: Vincent J Bilovsky; Fred M Bailly; James Peterson; Liese Mosher; Lorraine Quinn Sandstrom; Julie Holt; Ronald Pontes; Jerry L Stephenson; RANDALL GRANAAS; Mark E Morgan; David G. Victor; Amy F Pressler
Subject: FYA: Paper on ISFSI "Comforts and Concerns"

Hello CEP Members,

Attached for your awareness is a paper on dry cask storage of spent nuclear fuel authored by David Lochbaum, former senior scientist with the Union of Concerned Scientists. We appreciate David's interest in the safe on-site storage of spent fuel given the Department of Energy's failure to begin
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removing spent fuel from reactor sites by January 1998. The safety of the Independent Spent Fuel Storage Installation at SONGS is a top priority for SCE.

As David states on page 21 of his November 2023 paper, titled *Comforts and Concerns*, "Finding degradation before it compromises integrity of spent fuel storage canisters is essential for ISFSI safety." We agree that the early identification of degradation is important; it can help licensees such as SCE take action to ensure canister integrity. SCE's dry storage inspection program is in full compliance with NRC regulations. Select canisters in each of the two storage systems at SONGS—the horizontal NUHOMS system and the vertical UMAX system—now are inspected every five years.

What's more, a test canister in the UMAX system is inspected once every two and one-half years. That canister does not contain spent fuel and is artificially heated to mimic the temperature of the coolest canister in the UMAX system and thereby help identify the potential early onset of conditions that may lead to corrosion. Our test canister program exceeds NRC regulatory requirements.

With respect to the ISFSI Aging Management INPO Database (ISFSI AMID), SCE continues to have access to the database which can provide insights into best practices for selecting canisters for inspection. In fact, all license holders—even those who are not INPO members—have access to AMID. Certificate of Compliance holders including Holtec also have access to AMID. The database is managed by Certec as a third party.

Additionally, SCE engineers participate in ongoing research projects through the Electric Power Research Institute and other forums to improve our collective understanding of how dry cask storage systems perform over time. Such research and operational experience can prompt changes to NRC regulatory requirements and, in such a case, SCE would adjust its aging management program accordingly.

SCE continues to take action to facilitate offsite storage and disposal of spent fuel. In 2021, SCE released a strategic plan and partnered with local governments to form the Spent Fuel Solutions coalition to advocate for congressional action. Our goal is a durable and integrated federal spent fuel management program that includes interim storage and permanent disposal.

We look forward to the day that we clear the SONGS site of spent fuel, restore the land, and return it to the US Navy for unrestricted use.

Manuel

Manuel C. Camargo Jr.
Principal Manager, Strategic Planning
Southern California Edison | SONGS Decommissioning

Attachment #4 – Independent Spent Fuel Storage Installations: Comforts and Concerns, David Lochbaum, November 2023

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