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Executive Committee

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1625 Eye Street, NW Suite 800 Washington, DC 20006 **P:** 202-828-2317 **F:** 202-828-2488

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LOS ALAMOS EM CONTRACT INCLUDES NEW COMMUNITY COMMITMENT LANGUAGE

The Office of Environmental Management (EM) has updated its Community Commitment language to ensure its contractors follow through on engagement with local governments. This new language means that if contractors want to receive their full fee, they will have to comply with the community

commitment language in their proposals.

Last December, ECA released its **Statement of Principles on DOE- EM Acquisition Reform** urging DOE to do more to ensure contractors engage community partners directly affected by cleanup

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2ND ANNUAL NATIONAL CLEANUP WORKSHOP FOCUSES ON SUCCESSES, FUTURE PRIORITIES, AND TRANSITION

The 2016 National Cleanup Workshop was a resounding success. The event, hosted by ECA with the support of the Department of Energy (DOE) and the Energy Facility Contractors Group (EFCOG), took place in

Alexandria, Virginia from September 14-15.

Over the two-day 900 conference. nearly people attended or watched online, more than double last year's attendance. Workshop attendees heard from industry executives, elected officials, DOE senior leadership and site officials, and other stakeholders on the progress and future direction Office of





From left to right: EFCOG Chair William Morrison, Deputy Under Secretary for Management and Performance David Klaus; and ECA Chair and Aiken County, SC Councilmember Chuck Smith

Environmental Management's (EM) cleanup efforts across the DOE complex.

Notable attendees and presenters included Kevin Knobloch, DOE Chief of Staff, David Klaus, Deputy Under Secretary for Management and Performance, Dr. Monica Regalbuto, Assistant Secretary for Environmental Management, John



Continuing Resolution Passed

Late Wednesday, September 28, Congress passed a continuing resolution (CR) funding the government through December 9. The vote in the Senate, where the CR began, was 72-26; the House vote was 342-85. The CR was passed after nearly two weeks of partisan wrangling over funds to flood-afflicted states and aid to Flint, MI, to help resolve the drinking water crisis. The CR continues spending at roughly last year's levels.

Early this month, Senate Majority Leader Mitch McConnell (R-KY) announced his intention to pass a CR that would expire in December, sidestepping any discussion among more conservative House members who wanted to cut spending. On September 22, Sen. McConnell released a draft CR that has been criticized by both sides. He announced funding will continue at current levels

while including an additional \$500 million to address flooding in Louisiana and Maryland. \$1.1 billion is also provided to fund efforts to combat the Zika virus, in keeping with a previous agreement.

Republican groups claimed the CR abandoned conservative priorities and admonished a provision that provides the Administration new hiring authority. Democrats criticized the bill because it originally did not provide any relief to Flint. Some observers have commented that there are partisans hoping to draw out the funding debate to prevent any vulnerable senators from campaigning. After roughly 48 hours of high level negotiations among congressional leaders, separate legislation was passed that includes Flint aid.

"It took some good work, and I think we've got a good package," House Appropriations Committee Chairman Hal Rogers (R-Ky.) told *The Hill*.

ECA will keep you up-to-date when Congress returns in November to finalize a spending deal for the remainder of the fiscal year.

(Continued on page 4)

ECA Executive Board Election

NOVEMBER 16, 2016 HOTEL MONTELEONE NEW ORLEANS, LOUISIANA

ECA will hold a Board meeting and Executive Board Elections at the Intergovernmental Meeting. Please contact Amy Fitzgerald at

AFitzgerald@oakridgetn.gov, Pam Larsen at plarsen@ci.richland.wa.us, or Rick McLeod at rick.mcleod@srscro.org by October 20, 2016 if you would like to nominate someone for the ECA Executive Board

Current Executive Board Members



Vice Chair Steve Young, Mayor, Kennewick, WA



Treasurer Kristin Henderson Councilor, Los Alamos County, NM



Chair Chuck Smith Council Member Aiken County, SC



Secretary Ron Woody Roane County Executive, TN



Past Chair Mayor Robert Thompson, Richland, WA

DOE RELEASES DRAFT SUMMARY REPORT OF PUBLIC INPUT ON DESIGNING CONSENT-BASED SITING PROCESS; SECOND OPPORTUNITY FOR PUBLIC COMMENT BEGINS

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The U.S. Department of Energy recently released a draft report, "Designing a Consent-Based Siting Process: Summary of Public Input," summarizing over 11,000 public comments submitted in response to its Invitation for Public Comment on designing a process to establish an integrated waste management system to transport, store, and dispose of commercial spent nuclear fuel (SNF) and high-level defense waste (HLW). DOE is looking to the public for help as they work to define the parameters of a consent-based siting process for the

Multiple

funding

process.

technical

communities

facilities DOE is considering as part of its nuclear waste management strategy laid out in 2013:

- A pilot interim storage facility with limited capability of accepting SNF and HLW with initial focus on serving shutdown reactors;
- A larger, consolidated interim storage facility, potentially co-located with the pilot facility and/or with a geologic repository, that provides needed flexibility in the waste management system and allows for important near-term progress in implementing the federal commitment;
- A permanent geological repository for the disposal of defense HLW and, potentially, some DOE-managed fuel; and
- A permanent geologic repository for the disposal of commercial SNF.

The DOE report outlines the major themes of the public responses to the five questions outlined in the Federal Register notice in December 2015 as well as input from the eight public meetings DOE hosted across the country since January. Both positive and negative viewpoints are included, with many echoing those submitted by ECA members.

The major themes are:

- The nature of "consent" how (if) it can be reached, ensuring it can be refused, and defining who will ultimately give it.
- The meaning of "informed consent" the importance of ensuring a potential host fully understands the risks, benefits and trade-offs. Multiple commenters noted that technical support, resources and funding will be required for communities and the public to participate meaningfully in the siting process.
- Equity and environmental and social justice concerns.
 - Intergenerational equity and the durability of consent.
 - An oversight or regulatory role and/or legal enforcement authority for states, tribes and local governments.
 - Trust and credibility.
- Need for a new waste management organization.
- Transportation.

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To finalize the report, DOE is seeking comments on the draft through October 30, 2016. After considering the input, DOE plans to issue an updated final report in December 2016.

Also in December 2016, DOE intends to release a draft report defining preliminary siting criteria (covering a range of concerns including site special requirements, geologic and other hazard identification, environmental factors, socioeconomic factors and transportation requirements) for public comment.

A Funding Opportunity Announcement may also be on the horizon for potentially interested host communities, states or tribes to learn more about nuclear waste management and to explore their

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Legislative Update

Nuclear Tax Credit Extended

The House Ways and Means Committee voted to remove a key deadline for a nuclear power plant tax credit, according to The Hill. The legislation, sponsored by Reps. Tom Rice (R-SC) and Earl Blumenauer (D-OR), removes the requirement that newly-built nuclear power plants be in service by 2020 in order to receive a tax credit for producing power. The credit was first enacted in 2005 to spur construction of new plants but none have come online since. The bill passed 23-9. It would likely benefit two reactors under construction at Southern Co.'s Vogtle Electric Generating Plant in Georgia and another two at Virgil C. Summer Nuclear Generating Station in South Carolina. Both projects are at risk of missing the 2020 deadline. The tax credit legislation has moved separately from the CR, but could be included in a spending bill passed during the lame duck session.

NDAA Conference to Report After the Election

While there was hope that the National Defense Authorization Act (NDAA) could be completed prior to the beginning of October, congressional Armed Services Committee leaders have said the conference will not be completed until November at the earliest. One major hold up is a provision listing certain birds as endangered in a bid to prevent what some western Republicans see as Federal encroachment on land and property rights. Further, the lack of any defense spending bill has prevented negotiators from being able to settle on top-line numbers. Expect the NDAA to be completed

shortly before Christmas, however, according to House Armed Services Ranking Member Adam Smith (D-WA) during a <u>presentation</u> this month.

Gavels up for Grabs

After the election, senior congressmen will begin jockeying for powerful committee subcommittee leadership spots. If the Senate changes parties, a number of current Democratic ranking members will have their choice of leadership spots to advance their agendas. House is not expected to change hands, but Republican conference rules mean some powerful chairmen will have to retire to the backbenches. That includes the current leader of the House Energy and Commerce committee. Rep. John Shimkus (R-IL), who currently heads the Environment and Economy subcommittee, is facing Rep. Greg Walden for the top spot. Rep. Walden has led the committee that coordinates Republican congressional candidates while Rep. Shimkus has seniority on the panel and has held a number of hearings on Yucca Mountain. One other, Rep. Joe Barton (R-TX), has expressed interest in the chairmanship, but is not expected to be a serious contender given that he was passed over for the spot in 2010. More on these and other committee races as Congress begins to organize for its next session after the elections. Senate Energy and Natural Resources and relevant Senate Appropriations gavels are likely to remain in the same Senators Lisa Murkowski (R-AK) and hands. Maria Cantwell (D-WA) currently lead their parties on the former panel, with Senators Lamar Alexander (R-TN) and Diane Feinstein (D-CA) leading the Energy and Water Development Appropriations subcommittee.



Check out Daughters of Hanford, a project that highlights women's perspectives of the Hanford nuclear site. The project offers a cross-section of politicians, leaders, and environmental cleanup advocates - all women who were part of history and the future talent putting their minds on the nuclear site's toughest problems. Click here for more information .

DEI	PARTMENT (OF ENERGY I	FY 2017 BUDGET	
Appropriation	FY 2016 Enacted (\$)	FY 2017 Request (\$)	Senate FY 2017 Bill (\$)	House FY 2017 Bill (\$)
Department of Energy	29,717,278,000	31,503,903,000	30,741,296,000	29,962,889,000
	National Nucl	ear Security A	Administration	
Weapons Activities	8,846,948,000	9,234,747,000	9,285,147,000	9,243,147,000
Total NNSA Funding	12,526,512,000	12,884,000,000	12,867,186,000	12,853,570,000
Environmental Management Funding				
Defense Environmental Cleanup	5,289,742,000	5,235,350,000	5,379,018,000	5,226,950,000
Non-Defense Environmental Cleanup	255,000,000	218,400,000	255,000,000	226,745,000
Uranium Enrichment Decontamination and Decommissioning Fund	673,749,000	674,000,000	717,741,000	698,540,000
Total EM Funding	6,218,491,000	6,119,099,000	6,400,000,000	6,152,235,000
	Site	Funding High	lights	
Carlsbad/WIPP	269,260,000	271,000,000	274,540,000	292,720,000
Hanford/Richland	922,590,000	716,811,000	839,760,000	754,758,000
Idaho National Laboratory	396,000,000	362,088,000	362,088,000	382,088,000
Lawrence Livermore National Laboratory	1,366,000	1,396,000	1,396,000	1,396,000
Los Alamos National Laboratory	185,000,000	189,000,000	199,000,000	185,000,000
Oak Ridge Reservation	239,050,000	198,219,000	263,219,000	220,315,000
Office of River Protection	1,414,000,000	1,487,456,000	1,499,965,000	1,487,456,000
Nevada NNSA Site	62,385,000	62,176,000	62,176,000	62,176,000
Paducah	199,925,000	272,310,000	205,530,000	205,530,000
Portsmouth	225,166,000	322,653,000	264,585,000	272,682,000
Sandia National Laboratory	2,500,000	4,130,000	4,130,000	4,130,000
Savannah River Site	1,208,421,000	1,297,453,000	1,268,668,000	1,230,356,000
Separations Process Research Unit (SPRU)		3,685,000	3,685,000	3,685,000
West Valley Demonstration Project	61,804,000	61,613,000	66,413,000	61,613,000
Nuclear Energy Funding				
Nuclear Energy	986,161,000	993,896,000	1,057,903,000	1,011,616,000
Nuclear Waste Disposal				
Waste Disposal (Yucca)				150,000,000
	Legacy	Management	Funding	
Legacy Management	167,180,000	154,320,000	154,320,000	154,320,000
- 5/1-7	107,100,000	- ,,-	15 1,520,000	101,020,000

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2nd Annual National Cleanup Workshop Focuses on Successes, Future Priorities, and Transition

Kotek, Acting Assistant Secretary for Nuclear Energy, Mark Whitney, Principal Deputy Assistant Secretary, Representative Mike Simpson (R-ID), Chairman of the House Energy and Water Development Appropriations Subcommittee, Representative Chuck Fleischmann (R-TN), Chairman of the House Nuclear Cleanup Caucus, and Billy Morrison, EFCOG Chairman

EM Highlights "Science of Safety" Initiative

Assistant Secretary Monica Regalbuto spoke the first morning about her priorities for the DOE cleanup program. She took the opportunity to emphasize EM's new "Science of Safety" initiative, a program that employs advanced robotics to improve working conditions and increase worker efficiency at cleanup sites across the nation. Regalbuto characterized this initiative as "a way to empower workers in the field with the necessary tools to better accomplish our cleanup mission."

Other DOE leaders echoed these points, including keynote speaker Kevin Knobloch and Mark Whitney. Whitney noted that this EM initiative was matter of "leveraging existing engineering and advanced robotic competencies to increase safety" at cleanup sites.

Unanimous Call for Improved Communication

Throughout the two-day Workshop, speakers iterated the importance of increased and sustained communication between all affected communities and offices. Representatives Mike Simpson and Chuck both encouraged contractors and citizen groups to reach out to their Members of Congress—Simpson noting that communication between representatives and their constituents is what helps drive priorities and generate the political will necessary to impact the appropriations process.

ECA members Councilmember Kristen Henderson of Los Alamos, NM, and Mayor Rebecca Casper of Idaho Falls, ID, also highlighted the importance of communication between DOE sites and their host communities. Henderson spoke of the importance of municipalities remaining informed of the decision making processes at cleanup sites, noting that the municipalities are responsible for providing employee housing and utilities for DOE sites. Mayor Casper spoke about the benefits of increased communication between the different DOE offices. Many of the national labs have more than one mission, e.g., cleanup, nuclear energy research, science and technology research, but some of



Over the two-day conference, nearly 600 people attended in-person, and almost 300 online.



From left to right: Oak Ridge Office of Environmental Management Site Manager Sue Cange; EM Associate Principal Deputy Assistant Secretary for Field Operations Stacy Charboneau; West Valley Demonstration Project Director Bryan Bower; and CH2M HILL BWXT West Valley President and General Manager Jeff Bradford



From left to right: Jack Craig, DOE Manager of the Savannah River Site; Tom Foster, President and Project Manager, Savannah River Remediation; Rick McLeod, Executive Director, Savannah River Site Community Reuse Organization

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2nd Annual National Cleanup Workshop Focuses on Successes, Future Priorities, and Transition

the larger, overarching priorities are the same. Casper said, "I believe in synergy. Everyone benefits when we work toward the same goals."

Frank Marcinowski, EM's Associate Principal Deputy Secretary for Regulatory and Policy Affairs, mentioned the importance of building and maintaining open likes of communication between regulatory bodies and state, local, and tribal leaders to enable cleanup efforts to progress.



Mayor Rebecca Casper, Idaho Falls, ID;

Developing a Long-Term Approach to Cleanup Projects

Many speakers at the Workshop expressed the need for both the DOE and contractors to appreciate the long-term nature of cleanup work. Typically, DOE-contracts are awarded on a 5-year timescale, but many DOE contractors feel that this is too short. Longer timescales allow for trust to build between DOE offices and companies managing the different sites; increased trust can lead to greater transparency in operation and a stronger safety culture.

Longer timescales also increase employee retention and job security. Mayor Casper and Councilwoman Henderson noted that this is good for individuals, contractors, and ECA communities. When cities know that a

set number of jobs will exist at a DOE site for a long period of time, they can make strategic planning decisions to accommodate the influx of workers.

Building the Next-Generation EM Workforce

In his keynote address the first day, David Klaus, Deputy Under Secretary for Management and Performance, discussed the need for workforce development and EM talent acquisition. This theme was carried through the conference, culminating with the final panel of the Workshop. This panel, moderated by Carol Berrigan of NEI, discussed strategies for fortifying the EM talent pipeline and attracting the millennial generation to the field. ECA member Ron Woody of Roane County, TN, highlighted the important role that scholarships and internships have in giving young students experience in the field.



Seth Kirshenberg, Executive Director of Energy Communities Alliance; John Kotek, Acting Assistant Secretary, Office of Nuclear Energy; Mayor Bob Thompson, City of Richland, WA, ECA Past Chair

Improving Operations and Project Management

As cleanup efforts continue to move forward across the DOE complex, changes to current procedures could result in greater levels of communication between DOE headquarters and local communities. As ECA member and Savannah River Site Community Reuse Organization Executive Director Rick McLeod pointed out, current DOE practice allows for a day where communities can offer feedback to the various conditions of a contract. However, often communities first need

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2nd Annual National Cleanup Workshop Focuses on Successes, Future Priorities, and Transition

briefing on what different portions of the contract mean, and how the contract will affect them. Having a meeting with DOE to go over the conditions of the contract before the community formally provides DOE with its feedback could help foster greater awareness for the implications, consequences, and goals of a cleanup project.

Photos, videos, and presentation files from this year's Workshop can be found <u>here</u>.



Intergovernmental Meeting

November 16-18, 2016 Hotel Monteleone 214 Royal Street New Orleans, LA 70130

For more information contact Megan Casper at meganc@energyca.org

From November 16-18, 2016, the Energy Communities Alliance (ECA), the Environmental Council of the States (ECOS), the National Association of Attorneys General (NAAG), the National Governors Association's Federal Facilities Task Force (NGA FFTF), the National Conference of State Legislatures (NCSL), and the State and Tribal Government Working Group (STGWG) will hold the fifteenth combined Intergovernmental Meeting with the U.S. Department of Energy (DOE) at the Hotel Monteleone in New Orleans, Louisiana.

The purpose of this meeting is to provide opportunities for increased communication and coordination with DOE and among states, tribes and local communities affected by the ongoing cleanup of the nuclear weapons complex. Meeting attendees

will have the opportunity to hear from and have discussions with officials from DOE's Office of Environmental Management (EM) and other senior officials within the DOE and other relevant federal agencies.

The meeting will feature a variety of presentations and round-table discussions among state, tribal, local and federal government representatives on a variety of topics related to the cleanup of the DOE nuclear weapons complex.

We look forward to your participation at the meeting in November. If you have any questions or if you would like further information please contact Megan Casper at meganc@energyca.org.

All attendees must be registered prior to the meeting in order to participate. Click <u>here</u> to register.

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Los Alamos EM Contract Includes New Community Commitment Language

operations. "There should be a reaffirmation of the Community Commitment clause and contracts should be incentivized to include community engagement requirements to ensure the letter and intent of the clause is honored in such contracting activities as workforce planning, labor agreements, and subcontracting practices to facilitate and expedite communities' transitions to sustainable, post cleanup economies," the third principle states.

In the Los Alamos Legacy Cleanup request for proposals (RFP) released this month, DOE includes new language (italicized below) in the draft **Performance Evaluation and Measurement Plan**:

"The Contractor will be assessed on their performance to the Regional Purchasing Program requirements and the Small Business Subcontracting Plan. The Contractor will be assessed on their performance in interfacing with the community and other stakeholders in the execution of the EM mission work scope, including but not limited to follow through on community commitments."

DOE's signaling that community support and engagement will be assessed in this \$1.7 billion, ten-year contract is a major win for DOE's local government partners and community stakeholders across the country. In another part of the RFP, DOE recognized "that giving back to the community is a worthwhile business practice." These are provisions ECA wants to see included in subsequent acquisitions that may be rewarded in coming years, from West Valley, NY, to Piketon, OH and Paducah, KY, to Hanford, WA.

"The involvement and the role of the local communities is invaluable to the Department and is critical to our success," said Ralph Holland, EM Deputy Assistant Secretary for Acquisition and Project Management and Director of the EM Consolidated Business Center, during this month's National Cleanup Workshop.

"We are very grateful to hear that EM has heard our communities' call for building stronger community relationship through community commitment in the 10 years of EM work in our communities, and we look forward to working together with the next contractor to build the best future we can through this incredible opportunity," Andrea Romero, Executive Director of the Regional Coalition of LANL Communities, said of the new language.

ECA BOARD BEGINS DEVELOPING PRIORITIES FOR 2017 AND BEYOND

With the presidential election looming and the two major party candidates putting together their transition teams, ECA has begun developing its priorities and goals to present to DOE leaders in the next administration.

On September 13, ECA held a board meeting with representatives from EM, NE, and NNSA to hear about past successes and consider transition messaging and priorities. Throughout October, staff will organize conference calls with interested members to consider cleanup, nuclear energy, workforce development, and a host of other issues. If you would like to participate in these calls, please contact devon@energyca.org.

 Kara Colton (<u>kara.colton@energyca.org</u>) will be coordinating on Office of Nuclear Energy issues.

- Devon Hill will be coordinating on Office of Environmental Management/NNSA issues.
- Megan Casper (<u>meganc@energyca.org</u>) will be coordinating on other issues, including workforce transition and development, economic diversification, community support initiatives and funding, and payments-in-lieu-oftaxation.

After the election, the priorities and messages discussed in these groups will be used to develop a memorandum to the transition team of the next Administration. This will allow ECA to become visible to the next set of leaders and to begin to influence the policies that will affect our communities in the next few years.

PRINCIPAL DEPUTY ASSISTANT SECRETARY MARK WHITNEY TO DEPART DOE-EM



Dear EM Colleagues:

It is with gratitude for his service to EM that I share with you the news that Mark Whitney is leaving DOE to pursue an opportunity in the private sector. As Principal Deputy Assistant Secretary (PDAS) for Environmental Management since 2014, he has worked to institute many management reforms intended to improve the performance and efficiency of the organization. These efforts include working with

me on the reorganization of EM, championing the 10-year program planning effort, strengthening relationships with State and Federal regulators, developing a consistent acquisition approach that best incentivizes our contracts, and ensuring alignment of our budgets, contracts, and regulator decision-making. Most importantly, Mark shared my vision that empowerment of our employees is critical to the success of the missio and fervently supported organizational and morale improvement efforts.

Mark started at DOE in 2005 and has held senior leadership positions in the field, at headquarters and internationally. During that time, he has led complex cleanup efforts as the Oak Ridge EM Manager, advanced U.S. energy and nuclear security policies abroad as the Executive Director of the DOE Moscow Office and the Assistant Deputy Administrator for Nonproliferation and International Security, and in addition to his current role as EM PDAS, served as acting Assistant Secretary for Environmental Management for over a year while I awaited confirmation.

We are also pleased to announce that Sue Cange, Oak Ridge EM Site Manager, has graciously agreed to come to headquarters on a detail as acting PDAS to help us out during these critical times. She brings nearly three decades of environmental leadership experience that includes multiple management roles in Oak Ridge for EM and the Office of Nuclear Energy, a Site Manager under DOE's Formerly Utilized Sites Remedial Action Program, and as an environmental engineer for the Environmental Protection Agency and in private industry. Sue is highly-respected for her exceptional leadership skills and ability to collaboratively work with stakeholders, the community, congressional delegations and regulators to advance the EM mission.

The timing of this transition is still being finalized, but we expect Mark will depart DOE in mid-October.

Please join me in thanking Mark for his outstanding service to our nation and welcoming Sue to headquarters as the acting PDAS.

Sincerely,

Monica Regalbuto Assistant Secretary Office of Environmental Management U.S. Department of Energy

ECA appreciates the hard work of Mark Whitney (and others in EM) to ensure that items like the community commitment clause and working with community always remained a priority while he was Acting Assistant Secretary and as EM-2. As EM's partners, the communities appreciate the contribution he made to the EM organization.

MANHATTAN PROJECT NATIONAL HISTORICAL PARK GETS PERMANENT SUPERINTENDENT



Kris Kirby, a 20-year career employee of the National Park Service (NPS), was officially selected as the new Superintendent of the Manhattan Project National Historical Park (MPNHP) according to a <u>press release</u> issued earlier this month.

Kirby will assume her new duties on October 16, taking over from interim Superintendent Charles Strickfaden, who also heads the Fort Union National Monument in New Mexico. Strickfaden took over from Tracy Atkins who is based at the Denver Service Center. All three attended ECA's August Peer Exchange on the continued implementation of the Park.

Kirby comes to MPNHP from Yosemite National Park in California where she serves as the Chief of Business and Revenue Management. Prior to that, she worked at Lake Mead National Recreation Area and at Glacier National Park.

"I look forward to the opportunity to partner with the Department of Energy and work with the local communities of Hanford, Los Alamos, and Oak Ridge, to share the complex story of the Manhattan Project and its significant impact on history," Kirby said. ECA welcomes Kirby to her role and looks forward to working with her.

DOE Office of Legacy Management to Oversee Park

In other MPNHP news this month, DOE has transferred oversight and planning for the Park to the Office of Legacy Management (LM). LM officials were present at the Denver Peer Exchange on the Park in August. Tania Taylor Smith and Thomas Pauling will be the points of contact until a permanent manager is chosen. Both have already started to visit the sites, visiting Oak Ridge during the last week of September to meet with program managers and tour the facilities.

LANL APP

A free mobile application titled "Los Alamos: The Secret City of the Manhattan Project," is available for download from the Apple store.

The application allows users from any location around the world to experience the environment in that pivotal time during World War II when a group of scientists came to Project-Y, the wartime-era code name for Los Alamos, to develop a weapon unlike any other in human history—a weapon to harness the power of the atom.

Download this app for free at the App Store.

An Android version will be available at a later date



CONGRESS, NNSA WARN OF CRUMBLING INFRASTRUCTURE

During an oversight hearing, National Nuclear Security Administration (NNSA) Administrator Lt. Gen. Frank Klotz told Congress there is "no obstacle that poses a bigger risk to the long-term success" of NNSA's mission than aging infrastructure. Today, more than half of NNSA's 6,000 real property assets are over 40 years old and nearly one-third date back to the Manhattan Project era.

Administrator Klotz made that statement during a **September** 7th hearing before House Armed Services Subcommittee on Strategic Forces called to examine safety the and mission risks of deferred maintenance.

Chairman Mike Rogers (R-AL)



Photos show nuclear facilities in dangerous disrepair

asked witnesses to include recommendations on how they would improve infrastructure across the nuclear security enterprise in their testimony. Other witnesses were NNSA Associate Administrator for Safety, Infrastructure, and Operations James McConnell, Los Alamos National Laboratory (LANL) Director Dr. Charlie McMillan, Honeywell Federal Manufacturing & Technologies President John Ricciardelli, and Consolidated Nuclear Security (CNS) President Morgan Smith.

CNN covered the hearing and broadcast many of the <u>pictures</u> of decaying infrastructure that were submitted by witnesses, including pictures of fallen concrete at the Y-12 National Security Complex and Pantex Plant.

Until DOE receives adequate funding, nuclear complex officials have been left to work in and

attempt to patch critical utility, safety, and support systems that are failing at an increasing and unpredictable rate. The repair backlog is enterprisewide and costs are growing. At the end of FY 2015, the total cost of deferred maintenance across NNSA property stood at \$3.7 billion. During the hearing, LANL director Dr. McMillan mentioned that the air conditioning system in the vault of a classified

computer system failed and knocked out computing equipment that supports

experimental work.

The physical state of the US nuclear complex is in such bad shape because many key facilities were built during World War II and intended to operate for as little as one decade. according

to CNS President Morgan Smith. Y-12, originally established as one of the three Manhattan Project sites, is now the primary storehouse of highly enriched uranium and the place where highly enriched uranium components are manufactured, dismantled, and tracked. The Pantex Plant in Amarillo, the only plant where nuclear weapons are assembled and disassembled, was built in the 1950s. "Significant investment is required to appreciably reduce that backlog and sustain safe operations for the extended life of these vital mission facilities," Smith said.

Last December, Secretary Ernest Moniz asked the Office of Management and Budget (OMB) for an additional \$5.2 billion between fiscal years 2018 and 2021 for the nuclear budget. Projections by the OMB did not "reflect the funding that we estimate is necessary," Moniz wrote in a letter.

DOE ISSUES LANL CLEANUP REPORT

DOE report details the Federal new government's plans to clean up decades of waste in the area around the Los Alamos National Laboratory (LANL). The 2016 Legacy Waste Cleanup Lifecycle Cost Estimate projects completion of legacy waste by 2035 to 2040 at a

cost of \$2.9 billion to \$3.8 billion. The estimate is based "realistic on expectations of annual funding of the remaining work, as well as increased efficiencies expected under the planned Los Alamos Legacy Cleanup Contract, which is expected to take effect in October 2017."

The 2016 Legacy Waste Cleanup Lifecycle Cost Estimate projects completion of legacy waste by 2035 to 2040 at a cost of \$2.9 billion to \$3.8 billion.

The 47-page document covers 955 sites from the Manhattan Project and the Cold War eras, laying out 17 separate projects to cleanup about 5,000 cubic meters of legacy waste. The projects include everything from radioactive remediation to decommissioning and demolition in several areas of the labs, and for each project there is a scope, description, status, final end state, schedule and cost range.

Los Alamos County Councilor Kristin Henderson said the report will make all the difference in keeping the cleanup organized, properly funded and on time. "Every DOE site has a lifecycle baseline, and for a long time, Los Alamos didn't," Henderson said. "What that meant is, we didn't have a published understanding of all the things that

needed to be cleaned up, what kind of level they were going to be cleaned up to, how much it's going to cost and how many years it's going to take."

This new report follows a June agreement between LANL, the New Mexico Environment Department,

and DOE for cleanup deadlines. The state's congressional delegation also played a role in obtaining the report at the request of the Regional Coalition of LANL Communities (RCLC).

"As of today, we know more and can rest more

assured than at any time in the history of this effort, and that's a major step forward. I'm appreciative of the commitment to getting this done from the Department of Energy, and to Sen. Martin Heinrich, Sen. Tom Udall and Rep. Ben Ray Lujan for their work in obtaining this document for the public," Santa Fe Mayor and RCLC Vice Chair Javier Gonzales told the *Los Alamos Daily Post*.

Coalition Executive Director Andrea Romero said, "The Lifecycle Baseline documentation provides our communities the necessary foundation to properly advocate on behalf of the best possible scenarios for cleaning up legacy nuclear waste at the Laboratory in the most time and cost-efficient manner. After years of requests for this document, we now have the tool that can get us to additional cleanup dollars to get the job done."



DOE's Office of River Protection has set up tours of the Hanford Waste Treatment and Immobilization Plant without any fear of radioactive contamination! A new website allows you to take a virtual tour of the one-of-a-kind complex that will treat nearly 56 million gallons of nuclear and chemical waste. The tour provides a peek into the nuclear facilities and support structures on the 65-acre site not open to the general public. Each tour stop includes information on the facilities and their role in the vitrification process. Check it out!

(Continued from page 3)

DOE Releases Draft Summary Report of Public Input on Designing Consent-Based Siting Process; Second Opportunity for Public Comment Begins

potential roles in waste management efforts. DOE has included this funding it its FY 2017 Budget Request, but congressional action is still needed.

Responses on the draft report can be submitted to DOE through various channels:

• *Email:* Responses may be provided by email to consentbasedsiting@hq.doe.gov

Mail:

U.S. Department of Energy Office of Nuclear Energy Draft Consent-Based Siting Report 1000 Independence Ave. SW. Washington, DC 20585

- Fax: Responses may be faxed to 202-586-0544. Please include "Draft Consent-based Siting Report" on the fax cover page.
- *Online:* Responses will be accepted online at *www.regulations.gov*

The comment period ends on October 30, 2016.

OHIO SENATORS URGE MORE FUNDING FOR PIKETON CLEANUP

With the new fiscal year approaching, Ohio Senators Sherrod Brown and Rob Portman are seeking a funding provision for the cleanup work at Piketon in any short-term continuing resolution (CR) that may pass through the Senate.

According to a September 7 <u>Chillicothe</u> <u>Gazette</u> article, the Ohio Senators asked members of the Energy Appropriations Subcommittee that "the committee again provide anomaly that sustains the current level of funding for efforts at Piketon by providing an anomaly in any short-term continuing resolution the Senate considers."

Funding for the decontamination and decommissioning efforts at Piketon has already been included in the Senate-passed 2017 Energy and Water appropriations bill, but the bill



Sherrod Brown



Rob Portman

has yet to emerge from conference. If language to sustain current levels of funding for Piketon is not included in the CR, the DOE site could face project setbacks.

This is not a new problem for Piketon. For the last several years it has experienced funding uncertainty during the appropriations process. Many site officials see the Ohio Senators' early push for funding as a good thing.

Jeff Wagner, Senior Public Affairs Manager for Fluor-BWXT Portsmouth, said, "Since continuing resolutions have been the main vehicle for bridging the gap between the previous fiscal year and passage of a new budget, the fact we are a month out and [the Senators] have

requested language that will support 'continued operations' is good news for us."

SOUTH CAROLINA SAYS DOE HAS NO PLANS TO SHIP TRU WASTE OUT OF SRS THROUGH JULY 2017

A letter filed on September 15 into the Mixed Oxide Fuel Fabrication Facility federal case indicates that the Department of Energy (DOE) has no schedule for shipping transuranic (TRU) waste out of South Carolina through July 2017.

According to a September 20 <u>Aiken Standard</u> article, the letter, authored by DOE, confirmed that there were no set dates between August 1, 2016 to July 31, 2017 for shipping TRU waste from the Savannah River Site to the Waste Isolation Pilot Plant (WIPP) near Carlsbad, NM. The letter was filed by South Carolina counsel as part of its ongoing case against the DOE.

The lawsuit was first filed after DOE failed to meet several project deadlines. Construction on the MOX facility was to be completed in 2014 or one metric tons of plutonium removed by December 2015. DOE did not remove any of the plutonium and the MOX facility is only 20-30% complete according to DOE.

DOE's failure to meet its deadlines is partially due to WIPP operations being shut down in 2014. Currently, the facility remains closed to shipments, with no defined schedule for reopening.

MEGAN CASPER JOINS ECA STAFF



We're pleased to welcome Megan Casper to the Energy Communities Alliance as Program Manager. As part of the ECA staff, Megan will be responsible for server and social media updates, assisting with the monthly Bulletin, regularly communicating with ECA members, and researching policy issues as they relate to Department of Energy activities.

Megan graduated this past spring from The George Washington University with a B.A. in International Affairs, concentrating in International Environmental Studies and Energy Policy, and minoring in Sustainability. Prior to graduating, she interned at the American Council on Renewable Energy and the Tropical Science Center.

Megan is a native of Idaho Falls, Idaho. Growing up in the host city of the Idaho National Lab, she has long held an appreciation for the cleanup projects and nuclear energy research taking place across the Department of Energy complex.

When not geeking-out about next-generation nuclear reactor technology, Megan enjoys walking around the National Mall and watching outdoor/adventure television shows on the History Channel from the safety of her own couch. You can reach Megan at meganc@energyca.org.

UMTRA WORK HALTS AFTER AUGUST ACCIDENT

An August 29 truck accident temporarily halted cleanup work at the Moab Uranium Mill Tailings Remedial Action (UMTRA) Project site, according to the <u>Moab Sun News</u>. The truck, which was carrying a sealed container full of uranium mill tailings, tipped on its side as it was rounding a corner, spilling an estimated one-third of its contents into a nearby ditch. The driver sustained minor injuries.

A spokesperson said the project was on hold until the truck was removed and the accident site cleaned up. Other trucks were not able to use the narrow section of roadway where the accident occurred, stalling other cleanup activities.

The cleanup effort involves containers of uranium filings being trucked to a railway site where they are then transported to a long-term disposal cell near Cresent Junction, roughly 30 miles north of Moab. DOE and its contractors say they are just over halfway through the cleanup process. So far they have moved more than 8 million tons of material from the site.

Project Coping With Funding Cuts

In recent months, UMTRA and local community leaders have begun coping with stagnant cleanup funding. In August, Moab Federal Project Director Don Metzler said that given expected funding below \$35 million annually, the project team plans to continue shipping tailings and debris by rail at the current rate of two trains per week. That's according to an early August storing in the <u>Moab Sun News</u>.

When the project started in 2009, it benefited from Federal stimulus funds, but cuts since then led to 31



Rep. Jason Chaffetz, R-Utah (second from right), toured the Moab UMTRA Project site on Monday, Aug. 29, with Grand County Council member Mary McGann (back to camera); Moab UMTRA Federal Project Director Don Metzler; Moab Tailings Project Steering Committee member Joette Langianese; and Frank Marcinowski, an official with the Department of Energy's Office of Environmental Management. A truck driver at the site was injured less than two hours after Chaffetz' visit, causing an unexpected delay in tailings shipments. *Photo courtesy of Wendee Ryan*

project workers being let go in May of this year. At the current funding level, the project's completion date is beyond 2030. Metzler said an additional \$10 million annually would be needed to increase shipments to four trainloads per week.

"If our project could just be fully funded, it could be done in 10 years, and then all that money could go to these larger, more pressing projects," Grand County Councilmember Mary McGann. "There is no argument that all of them aren't important. But \$10 million is a drop in the bucket for these other sites, and it's significant to us."



To sign up for the ECA news updates please visit our website:

www.energyca.org

GOVERNMENT ACCOUNTABILITY REPORTS

NUCLEAR WEAPONS: NNSA Should Evaluate the Role of the Enhanced Surveillance Program in Assessing the Condition of the U.S. Nuclear Stockpile

A Government Accountability Office (GAO) review of NNSA's Enhanced Surveillance Program revealed that the agency "has not developed a longterm strategy for the program." Under the 2007 Surveillance Transformation Project, NNSA took steps to improve management of the program, which is meant to test nuclear weapons and their components. Since then, however, NNSA has not increased the role of the Enhanced Surveillance Program as envisioned. The program was meant to be a more cost-effective means of assessing the impact of aging weapons in the nuclear stockpile without having to dismantle them. Between FY 2007 and FY 2015, funding for the program has reduced by more than 50 percent. NNSA has also delayed some key activities and reduced the program's scope over this time. In FY 2016, NNSA refocused the program on nuclear weapons lifeextension efforts but "has not developed a corresponding long-term strategy for the program." Instead, general goals have been laid out by program officials under the expectation that it and

funding can be managed on a year-by-year basis. GAO recommended that NNSA develop a long-term strategy that incorporates leading management practices.

Testimony – FEDERAL REAL PROPERTY: Efforts Made, but Challenges Remain in Reducing Unneeded Facilities

On September 23, GAO's Physical Infrastructure Director Dave Wise testified before the House Oversight and Government Reform Subcommittee on Transportation and Public Assets hearing about challenges the Federal government faces in reducing unneeded facilities. One section of Wise's testimony detailed some of the difficulties DOE has with disposing of unnecessary facilities due to "costly environmental requirements." responsible for the remediation of contaminated nuclear weapons manufacturing and testing sites. but in a June 2012 report DOE officials said that "because their decontamination and disposal funds are limited, they might not be able to dispose of these building for many years." A further 2014 GAO report quoted officials from DOE who said that the cost of cleanup sometimes outweighs the potential sale or salvage price.

INSPECTOR GENERAL REPORTS

H-Canyon Processing at the Savannah River Site

An Inspector General <u>report</u> released this month found that DOE has not developed and integrated, long-term strategy to use H-Canyon at the Savanah River Site to support multiple programmatic missions. EM has management for H-Canyon, which is currently used to process nuclear materials, including foreign research reactor spent nuclear fuel. Recovered enriched uranium from H-Canyon is then down blended for eventual use in commercial power reactors. To ensure that H-Canyon remains available for fissile materials disposition, Congress required that the Department continue H-Canyon operations, maintain a high state of readiness, and provide the associated

necessary technical staff. While EM manages the site, however, the facilities are considered resources for other program offices such as NNSA, NE, and the Office of Science. The lack of an overall DOE strategy is because each individual office continually evaluates where H-Canyon can support their particular missions. According to the report, while DOE is working on infrastructure and maintenance to support the near-term missions of H -Canyon, DOE does not know how long it could continue operate the 60 vear complex. According to EM analysis, H-Canyon has been minimally funded due to budget challenges.

CONTRACTS

DOE Exercises Both Option Periods on the LANL Cleanup Bridge Contract

On August 31, DOE exercised both option periods on the LANL Cleanup Bridge Contract, extending the period of performance for one year until September 30, 2017. The combined total value of the extension is \$154.7 million. The Los Alamos Legacy Cleanup Bridge Contract is intended to be a bridge measure that allows DOE to: 1) Accomplish Secretary of Energy's objective of achieving increased management control and oversight of DOE Office of Environmental Management (EM)funded legacy cleanup work at LANL; 2) Facilitate the successful accomplishment of the necessary near -term work scope with the least amount of disruption; and 3) Provide EM with reasonable time to competitively procure a performance-based, incentive contract for longer term EM Los Alamos Legacy Cleanup Contract (LLCC) requirements. The contract is held by Los Alamos National Security LLC.

Los Alamos Legacy Cleanup Contract

DOE released the Final Request for Proposal for the Los Alamos Legacy Cleanup Contract acquisition. The total value of the contract is \$1.7 billion over the ten-year and three month performance period, including option periods. The current contract held by Los Alamos National Security, LLC expires on September 30, 2017. The contract itself includes a community commitment clause wherein DOE recognizes "that giving back to the community is a worthwhile business practice." The objectives of the contract acquisition include the following: protect, characterize, and monitor the regional aquifer; clean up contaminated media and contaminated legacy waste sites at LANL and surrounding private- and Government-owned lands

(formerly LANL), including groundwater and surface water, to levels appropriate for the intended land use; decontamination and decommissioning and demolish inactive, process-contaminated, and non-contaminated facilities that impede the timely execution of environmental restoration activities; retrieve, characterize, and prepare legacy mixed-low level radioactive waste and transuranic waste for shipment off-site (the LANL EM Program manages the disposition of legacy waste generated between 1970 and 1998 and NNSA is responsible for newly generated waste (waste generated after FY1998)); and transfer sites to the landlord organization (NNSA) for long-term surveillance and monitoring as needed, in order to provide necessary safeguards and protection of workers, the public, and the environment, or to subsequently transfer to the County of Los Alamos. Proposals are due by November 21, 2016.

Request for Information for the Low-Level Waste/ Mixed Low-Level Waste Disposal Procurement

DOE issued a Request for Information from interested parties with the specialized capabilities necessary to meet the requirements for the Low-Level Waste/Mixed Low-Level Waste Disposal (2018) procurement. DOE is seeking feedback from contractors and other interested parties with the specialized capabilities necessary to meet the requirements of the LLW/MLLW disposal procurement and to further determine whether the work or a portion of the work could be set-aside for small and/or disadvantaged businesses. The anticipated type of contract, period of performance, amount of funding, or set aside possibilities have not been determined. Capabilities statements are due by September 30.

NEW BIPARTISAN POLICY CENTER REPORT OUTLINES RECOMMENDATIONS ON CONSENT-BASED SITING

On September 27, the Bipartisan Policy Center's (BPC) Nuclear Waste Council released a new report, "Moving Forward with Consent-Based Siting for Nuclear Waste Facilities," outlining seven recommendations on the DOE's consent-based siting effort:

- 1. As part of a fundamental overhaul of the U.S. nuclear waste management program, Congress should establish a new, dedicated nuclear waste management organization, separate from DOE.
- 2. Future nuclear waste facility siting efforts can and should draw from a growing body of evidence and experience to design and implement siting processes that emphasize voluntary participation, flexibility, transparency, inclusion and consultation, trust, accountability, and scientific and technical integrity.
- 3. Safety is the first criterion for siting nuclear waste management facilities and for gaining the trust of potential host communities and states. The development of generic safety standards and other siting and operating criteria is therefore a critical near-term priority.
- 4. For consent-based siting to succeed, host communities and affected states must be empowered to engage as full participants in the process. Therefore, it will be important to ensure that communities and states have access to the technical expertise and resources needed to play a meaningful consultative role in key decisions.
- 5. Future consent-based siting efforts should encourage multiple applications, assure a fair and thorough assessment of all options, avoid down-selecting to a single option too early in the process, and make selections among competing options on the basis of objective, observable metrics
- 6. As part of the design of an effective consentbased siting process, it will be important to develop generic timelines for key milestones and decision points to give potentially interested

- communities and stakeholders a better sense of how the process will unfold and what their options are at different junctures.
- 7. A generic list of incentive options should be developed in consultation with stakeholders and community leaders and all parties should also begin thinking creatively about how to maximize incentives, while simultaneously addressing related issues of environmental justice and equity.

In addition, the report provides an update on recent developments in the nuclear waste policy arena including relevant legislative proposals, court decisions, and federal efforts to launch a new consent-based siting process. It also summarizes insights from experience with other hard-to-site facilities, results from a BPC survey designed to solicit the views of state officials on a range of issues related to siting nuclear waste facilities; and input from a BPC regional stakeholder meeting with members of communities that are considering hosting new private nuclear waste management facilities.

At the meeting to release the report, former U.S. Representative Norm Dicks (D-WA) and former Georgia Governor Sonny Perdue, co-Chairs of the BPC's Nuclear Waste Council, discussed their visions for what a consent-based siting process should look like. Governor Perdue highlighted the challenge of balancing the need for action with careful consideration of the location of a geological repository. He noted that the balance can only be achieved if communities can be empowered as full and equal participants in the siting process. Representative Dicks observed that after the general election and administration transition, Congress likely revisit the **Nuclear** Waste Administration Act of 2015 (S. 854) to renew the discussion of nuclear waste management.

ECA's comments on the design of a consent-based siting process can be found <u>here</u>.

2016 Congressional Calendar & Roth chambers in session

Both chambers in session
Both chambers in recess
Senate in session
House in session
Federal holiday

October

M	T	W	T	F
3	4 Rosh Hashanah ends	5	6	7
10 Columbus Day	11 Yom Kippur begins	12	13	14
17	18	19	20	21
24	25	26	27	28
31				

November

M	T	W	Τ	F
	1	2	3	4
7	8 Election Day	9	10	11 Veterans Day
14	15	16	17	18
21	22	23	24 Thanksgivii	25
28	29	30		

December

December				
M	Τ	W	Т	F
			1	2
5	6	7	8	9
12	13	14	15	16
19	20	21	22	23
26 Christmas (Federal)	27	28	29	30

Hanukkah begins

Credit CQ Roll Call: http://cdn.rollcall.com/pdfs/Congressional-Calendar-2016.pdf

ECA Articles

Devon Hill, Program Director Megan Casper, Program Manager Kara Colton, Director of Nuclear Energy Programs

Layout and Design

Sharon M. Worley, Administrative Assistant



October 1	Start of FY 2017		
November 8	Election Day		
November 14	Congress returns for lame duck session		
November 15	ECA Member Reception		
November 15	New Orleans, LA, for more information contact meganc@energyca.org		
	Manhattan Project National Historical Park Planning Meeting		
	ECA Board Meeting and Elections		
November 16	ECA Peer Exchange on Consent-Based Siting and Nuclear Waste Management Priorities		
	New Orleans, LA, for more information contact meganc@energyca.org		
November 17-18	2016 Intergovernmental Meeting Plenary Session		
November 17-18	New Orleans, LA, for more information contact meganc@energyca.org		
December 9	Proposed Federal Continuing Resolution (CR) expires, for more information see here		
January 3, 2017	Beginning of 115 th Congress		
January 20, 2017	Inauguration of the new President		

Energy Communities Alliance (ECA) Bulletin

1625 Eye Street NW, Suite 800, Washington, DC 20006

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