Delivering Nuclear Remediation and Revitalization for American Energy, Security and Innovation

2025 Accomplishments

U.S. DEPARTMENT of ENERGY | Office of Environmental Management

From Nuclear Remediation to Nuclear Renaissance

Under the leadership of Secretary Chris Wright, the Department of Energy has three pillars. First, is to ensure nuclear deterrence for prosperity at home and peace abroad. Second, is to be the global leader for science and innovation. Third, is to drive President Trump's golden era of American energy dominance to keep consumer prices low and enable American industry to thrive.

Americans want affordable, reliable and secure electricity. A year in, the Trump Administration is delivering. Innovative partnerships are bringing together the brightest American minds to win the global AI race. The energy demand for AI is driving restoration of existing power plants and driving construction of new power generation and grid infrastructure improvements. Increased energy demand is also driving the nuclear energy renaissance. American energy is being added by cutting burdensome red tape, restoring common sense, reducing delays for energy infrastructure and ending Biden-era limits on consumer choices. The future of American energy, innovation and manufacturing is bright once again.

Throughout 2025, EM has been there every step of the way – addressing the legacy of the past and playing a critical role in the Department's three-pillared vision for American security, science and energy.

- ✓ Leveraging our assets to accelerate infrastructure and energy generation to support President Trump's Genesis Mission, lower energy costs, increase grid reliability and power AI data centers.
- ✓ Decommission and demolition of buildings to create space for labs, AI infrastructure, national security priorities and nuclear energy.
- ✓ Leveraging President Trump's Executive Orders to enhance beneficial reuse and recycle options for metals and materials.
- ✓ Changing the course of the future for our local partner communities by re-developing sites to become hubs for nuclear energy, advanced manufacturing and data centers that create generational jobs and build long-term economic vitality at sites that served our great nation for decades.
- ✓ Renewing the mission to accelerate cleanup, reduce costs and turn our liabilities into assets for the American people.
- ✓ Harnessing land, facilities, capabilities and our expert workforce as we rebuild a domestic supply chain and lead the world towards a future fueled by American nuclear energy.

Over the course of 2025, our team has laid a strong foundation for what will be a **new chapter of remediation, revitalization and redevelopment**. Whether it's leveraging our skilled workforce, driving innovation, delivering on cleanup or revitalizing land to add advanced nuclear energy to fuel the AI race – there is so much potential to build generational American jobs and make energy more affordable.

We are heading into what will be a breakout year as we act with a renewed sense of urgency and purpose to implement a plan I'm calling **EM Vision 2040**. We're going to have some big wins in the near future and tremendous progress in the coming year as we evolve into a future-focused organization and enable a transition from nuclear remediation to nuclear renaissance.

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Tim Walsh

Assistant Secretary for the Office of Environmental Management

Delivering Remediation and Renewal for American Communities

EM prioritizes a new chapter of remediation, renewal and revitalization at sites across the country – empowering communities and partnering with the best of industry to meet commitments and build long-term economic vitality.

- ✓ In Ohio, EM **began tearing down the second of the three massive uranium enrichment buildings** at the Portsmouth Site. Demolition of the facility, known as X-333, creates beneficial reuse opportunities for a strong economy and American energy future in the region.
- ✓ In New York State, West Valley **completed demolition of the last major facility** on schedule and under budget, positioning the site for the next phase of cleanup success.
- ✓ In New Mexico, EM completed its **200th shipment of transuranic waste** to WIPP for safe disposal, demonstrating substantial progress in safely reducing the legacy waste inventory at the site.
- ✓ In Nevada, EM moved another step closer to completing legacy cleanup over the next five years at a site that has supported some of America's most vital nuclear, national security and science missions for more than seven decades.
- ✓ In Utah, EM **removed the final ton of radioactive uranium tailings**, marking a cumulative 16 million tons safely transferred away from the Colorado River. In delivering this achievement, a new chapter of environmental protection and beneficial reuse is on the horizon in Grand County.
- ✓ In Washington, EM began to solidify Hanford tank waste in glass for the first time, meeting a 2025 legal milestone.

Energy Secretary Chris Wright tours the Waste Treatment Plant at Hanford with the Assistant Secretary for the Office of Environmental Management Tim Walsh.

Winning American Energy Dominance

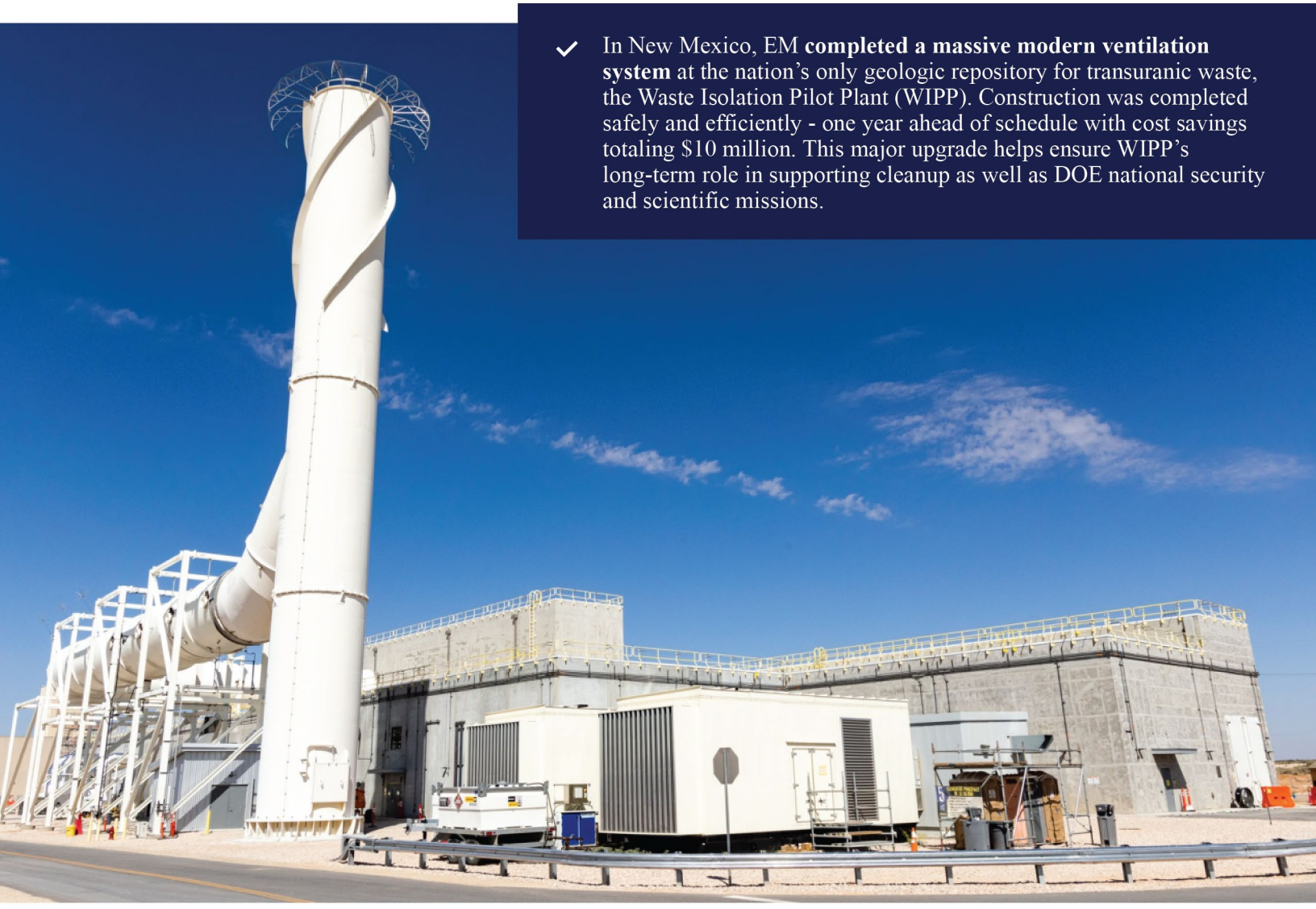
EM transforms liabilities into opportunities to support President Trump's vision for American energy dominance -- enabling a transition from nuclear remediation to nuclear renaissance.

- ✓ In Kentucky, EM is leasing land no longer needed at the Paducah Site to General Matter for a new private-sector domestic uranium enrichment facility, **transforming liabilities into opportunities** for unleashing American commercial nuclear.
- ✓ In Kentucky, EM is inviting industry to partner on technologies to clean contaminated nickel stored at Paducah and put it to work for the American people. Instead of letting this material sit idle, EM is asking for proposals to transform it into a form suitable for a variety of energy, nuclear power and AI applications. This aligns with Secretary Wright's efforts to **roll back roadblocks to recycling metals** at DOE sites and supports his mission of putting DOE assets to work – leading the globe in science and innovation and winning the AI race.
- ✓ In Tennessee, EM is continuing the transition from nuclear remediation to nuclear renaissance. In total, land remediated and transferred at Oak Ridge has attracted more than two dozen businesses that have announced $8 billion in capital investments and a projected 2,500 new private sector jobs.
  - ✓ X-energy started construction this year on a fuel fabrication facility that will be the first of its kind in the United States.
  - ✓ EM and Kairos Power are working together to commercialize advanced reactor technology that will grow energy and unleash American nuclear. EM's Oak Ridge team is advising on deep digs as Kairos constructs the foundation for their Hermes Low-Power Demonstration Reactor on cleaned up former EM land.
  - ✓ EM transferred over 2,000 acres at Oak Ridge for a $5 billion private investment by Orano for an uranium enrichment facility -- the largest private investment in Tennessee history.
  - ✓ Oklo, Inc. is investing $1.7 billion to build the nation's first privately funded commercial nuclear fuel recycling facility on 250 acres of land EM cleaned up at Oak Ridge.

Strengthening National Security

EM provides services to enable modernization of America's nuclear deterrent and opens opportunities for national security priorities.

- In Idaho, EM **completed demolition of the second naval reactor prototype plant** for DOE's Naval Nuclear Propulsion Program. Tear down of the plant, that supported development of the world's first nuclear-powered submarine, was completed ahead of schedule and under budget. This partnership allows the Office of Naval Reactors to allocate more of their resources towards core missions that are in service of the safety and security of our nation while providing a considerable cost savings for American taxpayers.
- In New York, EM **tore down remaining buildings** at the Q-Complex at the Knolls Atomic Power Laboratory and returned the restored site to the Office of Naval Reactors for redevelopment. By providing this service to Naval Reactors, EM has transformed this legacy facility into an opportunity to support critical national security missions.
- In Tennessee, EM **advanced work to help modernize one of the nation's most important national security sites**, hitting the halfway point in its largest Manhattan Project Era demolition project at NNSA's Y-12 National Security Complex in Oak Ridge and positioning the project for completion.
- In New Mexico, EM **completed a massive modern ventilation system** at the nation's only geologic repository for transuranic waste, the Waste Isolation Pilot Plant (WIPP). Construction was completed safely and efficiently - one year ahead of schedule with cost savings totaling $10 million. This major upgrade helps ensure WIPP's long-term role in supporting cleanup as well as DOE national security and scientific missions.

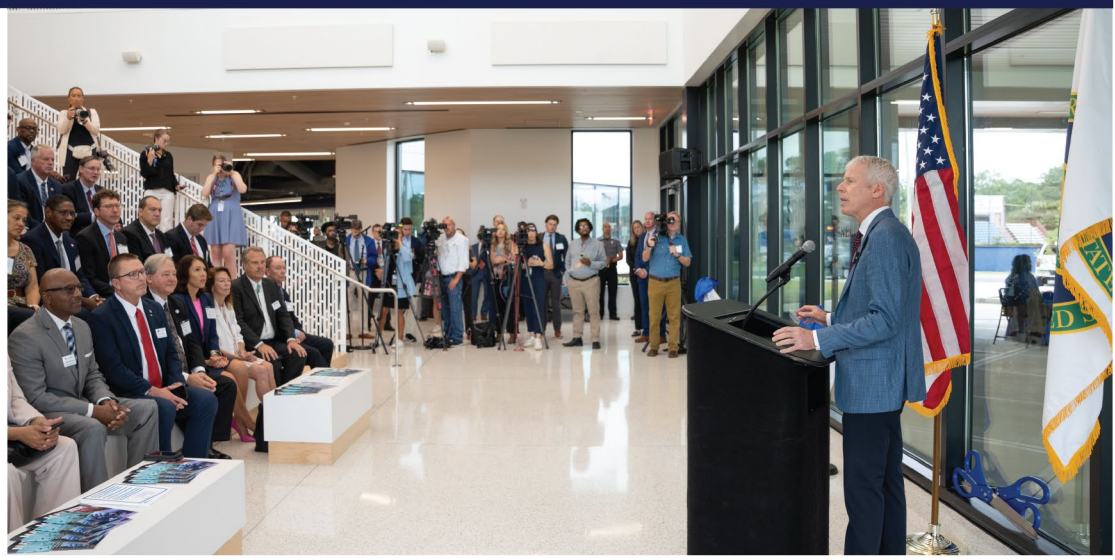


Leading the World in Science and Innovation

EM puts federal asset expertise to work for the American people – delivering President Trump's Genesis Mission, advancing technology and building global dominance in AI and scientific discovery.

- ✓ EM is **accelerating development of infrastructure and energy generation** in Ohio, Kentucky and Tennessee to support President Trump's goals of utilizing federal land to drive the Genesis Mission, lower energy costs, increase grid reliability and power the global AI race.
- ✓ EM issued a request for proposals from American industry to quickly deploy data centers and energy generation projects at the Paducah and Oak Ridge sites to support the next generation of AI infrastructure, creating new opportunities for prosperity while advancing national security for future generations.
- ✓ EM's Savannah River National Laboratory is **playing a key role in President Trump's Genesis Mission**. Led by the Department, this historic mission will use AI to accelerate American science and innovation – achieving American energy dominance, advancing scientific discovery and ensuring national security.

- ✓ EM opened the Advanced Manufacturing Collaborative. Launched under the first Trump Administration and led by the Savannah River National Laboratory, this facility complements DOE's mission to support American manufacturing – serving as an economic driver, creating jobs, spurring innovation and maximizing the reach of industry in South Carolina.



Energy Secretary Chris Wright attends the opening of the Advanced Manufacturing Collaborative in Aiken, South Carolina.

Restoring Common Sense and Driving Efficiency

EM is re-envisioning the mission to prioritize what will be a new chapter of revitalization to accelerate the cleanup, reduce costs and turn our liabilities into assets.

- ✓ In South Carolina, optimizations were completed for the liquid waste processing facilities, enabling the Savannah River Site to process legacy tank waste at unprecedented rates, significantly accelerating the overall cleanup mission timeline while reducing long-term risks and costs to taxpayers.
- ✓ In Washington, EM **treated and shipped 2,000 gallons of Hanford tank waste** to commercial facilities in Texas and Utah where it was solidified in grout for disposal. This was part of an innovative effort to demonstrate a potential solution that could shave decades and billions off the Hanford tank waste mission.
- ✓ At Paducah, EM partnered with the Environmental Protection Agency and the State of Kentucky on a streamlined approach that's reducing regulatory decisions by 90 percent, allowing for accelerated cleanup and freeing up land for future use as quickly as possible.
- ✓ In Washington, Hanford began transferring radioactive capsules to dry storage; increasing safety, enabling future potential beneficial reuse of Strontium-90 inventory and ultimately resulting in an estimated savings of $6 million per year in storage costs.
- ✓ With Hanford's Waste Treatment Plant solidifying tank waste in glass, EM took the next step on a parallel approach of solidifying tank waste in glass and progressing grout opportunities that enable tank waste to be treated and disposed of sooner in alignment with legal agreements.