

# REP QUARTERLY

## Radiological Emergency Preparedness (REP) Quarterly Newsletter

**Volume 2, Issue 2**  
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### Message From the Indiana State REP Coordinator

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Like most of you, my schedule has recently been packed to the brim with work and personal events. I will also be traveling with the unofficial start to summer and the vacation season in session. Most importantly, I will be attending the Early Career REP Executive Education Program at the Postgraduate Naval Academy in Monterey Calif.. I have heard great things about this program, and I am excited to bring new leadership skills and REP knowledge back to the state of Indiana. The program will increase critical thinking skills and leadership in highly stressful situations. "Everyone can be a leader, but not everyone can lead." I think it is crucial to realize that just because someone is in a leadership role, they don't necessarily have leadership skills. I am excited to strengthen mine and be a leader in helping out if there ever is a radiological emergency.

#### Upcoming Webinars

REP Core Concepts: June 21-22. This will be in-person, in Indianapolis. this is in acadis. If anyone would like to have a virtual training the same day, please email me at [ceckstein@dhs.in.gov](mailto:ceckstein@dhs.in.gov).

We have added the REPP Training Newsletter to the REP Resources section of our newsletter! Please check it out for trainings and exercises in our area!

Have a great summer,

Courtney Eckstein, MPH, Indiana REP Coordinator

#### REP Resources

### New in Nuclear: DoD Prepares to Build a Micro Mobile Reactor

[REPP Training Newsletter \(fema.gov\)](https://www.fema.gov)

[REP Program Information](#)

[REP Manual](#)

[IAEA Nuclear Security e-Learning Modules](#)

[NUREG 0654](#)

## Support Ending for RadResponder, ChemResponder Mobile Applications



The CBRNResponder mobile application will replace the separate RadResponder and ChemResponder mobile applications in August 2022. However, their separate websites will remain. The CBRNResponder Team recommends users download the CBRNResponder application now to begin your organization's transition.

Questions may be sent to [support@cbrnresponder.net](mailto:support@cbrnresponder.net).

## IDHS Radiation Equipment Notice

IDHS is still developing a plan to have all IDHS radiation equipment calibrated and



The Department of Defense (DoD) and Idaho National Laboratory are teaming up to build a nuclear microreactor that will be able to deliver 1-5 Megawatts of

electrical power and will also be able to be transported. This will be the first Generation IV nuclear reactor in the United States. However, the first one globally went online in September 2021 in China. As the United States moves into a new age of nuclear energy, this type of reactor has been called "a game changer" by the DoD. This reactor is to be built inherently safe, and the prototype should be completed within five years. More information can be found on the [ECA website](#) or [Project PELE Mobile Nuclear Reactor – DoD Research & Engineering, OUSD\(R&E\)](#).

## Purdue University Looks to Build a Small Modular Reactor



Purdue University, partnered with Duke Energy, has begun to explore the option of building a small modular reactor (SMR) to fully meet Purdue's current and future energy needs in West Lafayette, Indiana. In an article

by the Associated Press, Purdue University President Mitch Daniels states, "No other option holds as much potential to provide reliable, adequate electric power with zero carbon emissions," in an article by the Associated Press. While there is no timeline for the current project, the SMR would be able to not only produce energy for Purdue University but also provide energy to the surrounding communities.

Purdue is in a long line of the newest nuclear technology to address climate change and our growing need for more power. The Carbon Free Project, sponsored by NuScale, hopes to have its complete plant operation by 2030.

[Purdue, Duke Energy Exploring Small Nuclear Plant for Campus | Indiana News | US News](#)

repaired in accordance with manufacturer standards.

Agencies in need of equipment calibration or repair should email [hazmat@dhs.in.gov](mailto:hazmat@dhs.in.gov) for more information.

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