

REP QUARTERLY

Radiological Emergency Preparedness (REP) Quarterly Newsletter

Volume 2, Issue 4
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Message From the Indiana State REP Coordinator

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The holidays and the end of the year are fast approaching, and a new year means new changes and a new start. At the state level, several changes occurred within the Radiation Program. The biggest change is that I have transitioned into the role of Radiation Program Director, and there will be a new REP Program Coordinator in 2023. We also will focus more on communication and just-in-time training in the upcoming year as exercises with our nuclear power plants increase and our ingestion pathway exercises become an important initiative. I hope

everyone has a great holiday season, and I look forward to working with you in a different capacity with my new job.

REP Resources

[REPP Training Newsletter
\(fema.gov\)](#)

[REP Program Information](#)

[REP Manual](#)

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

[NUREG 0654](#)

Upcoming Trainings

[Medical Management for CBRNE](#) –

- May 18-19, 2023
- Parkview Education Center Auditorium BC
1919 W. Cook Rd. Fort Wayne, IN 46818

[AWR-923-W Radiological Emergency Management-FEMA](#)- Virtual (Anyone who has a part in the radiation plan should take this course)

Trainings – For any RAD training requests, please reach out to ceckstein@dhs.in.gov. All REP courses can be found on FEMA's website. If you have any specific requests for those trainings, please let Courtney know

Support Ending for RadResponder, ChemResponder Mobile Applications



The CBRNResponder mobile application replaced the separate RadResponder and ChemResponder mobile applications in August 2022. However, their separate websites remain. The CBRNResponder Team recommends users download the CBRNResponder



National Radiological Emergency Preparedness Conference, Inc.

33rd Annual Conference Indianapolis, Indiana

April 3-6 2023

Hotel:

Hyatt Regency Indianapolis

One South Capitol Avenue
Indianapolis, IN 46204

[Conference negotiated room rates will be provided via registration link at www.nationalrep.org]

Airport:

Indianapolis International Airport (IND)

7800 Col. H. Weir Cook Memorial Drive
Indianapolis, IN 46241

Finland's New Nuclear Fuel Storage



application now if you have not begun your organization's transition.

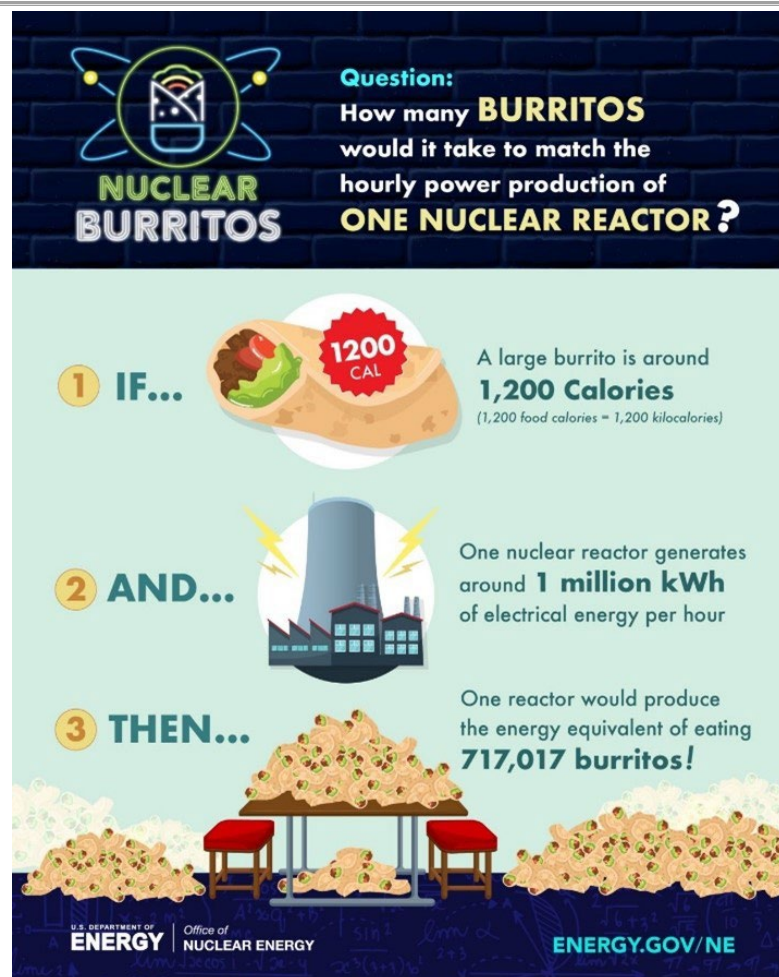
Questions may be sent to support@cbrnresponder.net.

IDHS Radiation Equipment Notice

IDHS is still developing a plan to have all IDHS radiation equipment calibrated and repaired in accordance with manufacturer standards.

Agencies in need of equipment calibration or repair should email hazmat@dhs.in.gov for more information.

Some of the biggest challenges that nuclear power plants face deal with the disposal of nuclear fuel. Finland has a new solution: a metal vault 1300 ft. below ground. Finland is creating the world's first "Nuclear Tomb" in 31 miles of tunnels deep within the earth where nuclear fuel can decay for thousands of years without a disturbance. When the underground facility is full, it will hold more than 6,000 tons of nuclear waste. It is estimated to take about 100 years to become full. After that, the tomb will be sealed forever. The site was built into a migmatite rock to protect against erosion and earthquakes. While this is not a forever solution for all spent nuclear fuel, it is a great first step in helping it decay away from people. If you would like to read more about the tomb, [click here](#).



Courtesy of the U.S Department of Energy, Office of Nuclear Energy

Purdue University- SMR Lecture Series



Purdue University hosts a series of speakers on the future of nuclear energy. Small module reactors and micro-reactors have been making headway across the United States as the newest form of renewable energy, with Purdue in the middle of

the conversation. If you are interested in attending or listening to past lectures, please visit: <https://www.purdue.edu/administrative-operations/nuclear/events/index.php>

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