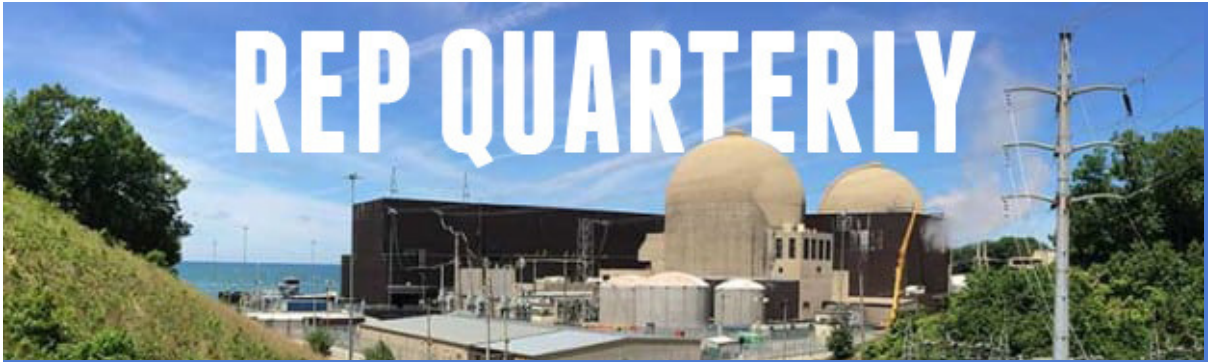


REP QUARTERLY



Radiological Emergency Preparedness (REP) Quarterly Newsletter

Volume 1, Issue 2
April 2021

Message from the Indiana State REP Coordinator

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The IDHS radiation programs are working closely with FEMA to set a series of virtual trainings for public safety and public health personnel throughout Indiana. Dates for these training opportunity will be announced in the upcoming July 2021 edition of REP Quarterly.

Additionally, IDHS radiation programs also are working to improve the preparedness and response capabilities of Indiana's Radiological Emergency Preparedness (REP) Program by upgrading the retrofit of twenty Ludlum 2241-2 ratemeters to the Ludlum 3001 Bluetooth units. We also are in the process of sending our 44-2 and 44-9 probes to Ludlum for retrofitting to our new Ludlum detection units.

Stay safe and prepared,

Sarah Chaney, Interim REP Coordinator

REP Resources

[REP Program Information](#)

[REP Manual](#)

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

[NUREG 0654](#)

Calendar

REAC/TS - Micro REM
virtual course:

- [May 4-6, 9 a.m-1 p.m. EST](#)

Taking Shelter During a Radiation Emergency



- [May 25-27, 9 a.m.-1 p.m. EST](#)

CBRNResponder training opportunities:

- [CBRNResponder Nationwide Introductory Training](#)
- [Chemical Facility Inventories \(May 12, 1 p.m. EST\)](#)
- [Navigating the Resource Library \(May 26, 1 p.m. EST\)](#)
- [Population Monitoring and Community Reception Centers \(June 15, 1 p.m. EST\)](#)

Graphics and information adapted from the Centers for Disease Control and Prevention.

During the events of a radiological emergency, taking shelter indoors is of the utmost importance. After identifying an indoor location to take shelter in, remember to:

- Close and lock all windows and doors.
- Go to the basement or middle level of the building. Radioactive material settles on the outside of buildings, so the best thing to do is stay as far away from the walls and roof of the building as you can.
- If possible, turn off fans, air conditioners and forced-air heating units that bring air in from the outside. If the building has a fireplace, make sure to close the damper.
- Bring any pets inside.
- Stay tuned via radio, television or social media for updated instructions from local emergency response officials.

For more information, visit the [CDC's website](#).

Three Mile Island's 42nd Anniversary

March 28, 2021, marked the 42nd anniversary of the partial meltdown of the Three Mile Island nuclear power plant in Dauphin County, Pa.

Take a historical look at what led to Three Mile Island's partial meltdown and the major changes it brought to emergency response planning by watching the NRC's [Moments in NRC History: Three Mile Island](#) video.

ISU Utilizes RadResponder at Chernobyl



ISU students, other course participants and the CHNPP staff standing in front of the sarcophagus of the original Chernobyl reactor unit. Photo courtesy of [radresponder.net](#).

Students from Idaho State University (ISU) had the unique opportunity to visit the [Chernobyl nuclear disaster site](#) during their fall 2020 semester and gain experience working in a highly radioactive, contaminated area.

ISU students designated RadResponder as their radiological data collection and management tool throughout their trip and collected

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.

environment data entries, practiced radiation safety and
contamination control and also learned more about how to prevent
nuclear disasters like Chernobyl from happening again.

Read more about the type of work the students performed by
visiting [RadResponder's website](#).

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