



The Dose

The Merrick Group, Inc.

JUNE
2024

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DID YOU KNOW?

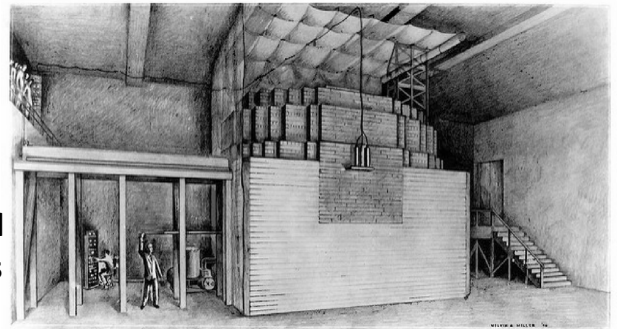
⚛ The world's first self-sustaining controlled nuclear chain reactor took place at the University of Chicago on December 2, 1942.

⚛ Chicago Pile-1 was the world's first nuclear reactor to go critical. The reactor was built with graphite blocks, some of which contained small disks of uranium.

⚛ Scientist George Weil withdrew the cadmium plated control rod unleashing the first controlled chain reaction. The reactor had 3 sets of control rods. One was automatic & could be controlled from the balcony. Another was an emergency safety rod. The third rod held the reaction in check until it was withdrawn the proper distance (this was the rod held by Weil).

⚛ The group celebrated with a bottle of Chianti and signed the wine bottle's label. This signed label was the only written record of who had taken part in the experiment.

⚛ Enrico Fermin led the group of scientists involved in this experiment. The U.S. Department of Energy's Fermin National Accelerator Laboratory is named after him for his contributions to nuclear physics.



Chicago Pile I (CP-1), World's First Reactor

THANK YOU!

As we near the end of our spring season, we want to express our appreciation for all Merrick employees, new and old. We are thankful for you and all your hard work! Stay safe while finishing up and enjoy your summer with family & friends!

Congratulations to Jillian Underwood on winning the spring photo contest! Big thanks to everyone with submissions, the competition was fierce this season. We love seeing your photos! Photos are welcome all year long, the next contest will run this fall.

Please send photos to:
ahudock@mginc.net
mboretski@mginc.net



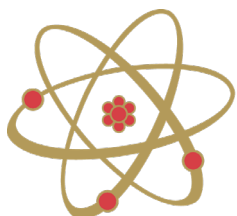
WHERE ARE WE WORKING THIS MONTH?

Brunner Island
Montour
Gellner Industrial
Colstrip Steam Electric
Station
Sequoyah
Panther Creek

NUCLEAR PROFESSIONALISM

Our jobs demand more which means we demand more of our employees. When you walk through those plant doors, there is no room for complacency. Short cuts don't happen on our crews. We always work to the highest standards. This is how we instill nuclear professionalism and are the leaders in nuclear maintenance:

- Show up to work on time and ready to work
- Respect your co-workers and leadership
- Attend and participate in PJB, 2 Minute Drills & Training
- Understand your procedure & your role in each activity
- Be aware of your surroundings including hazards, plant equipment and housekeeping
- Be aware of radiological limits and what is expected of you in the RCA
- Understand the risks associated with your assigned task & mitigate or eliminate the risks
- Remember and share your OE
- Accept and offer coaching at all opportunities
- Understand industrial safety and what is expected of you so you can accept personal responsibility for your job performance.



**THE
MERRICK
GROUP**

**WE WORK TOGETHER
WE CRUSH GOALS
WE ARE A TEAM!!!**

