



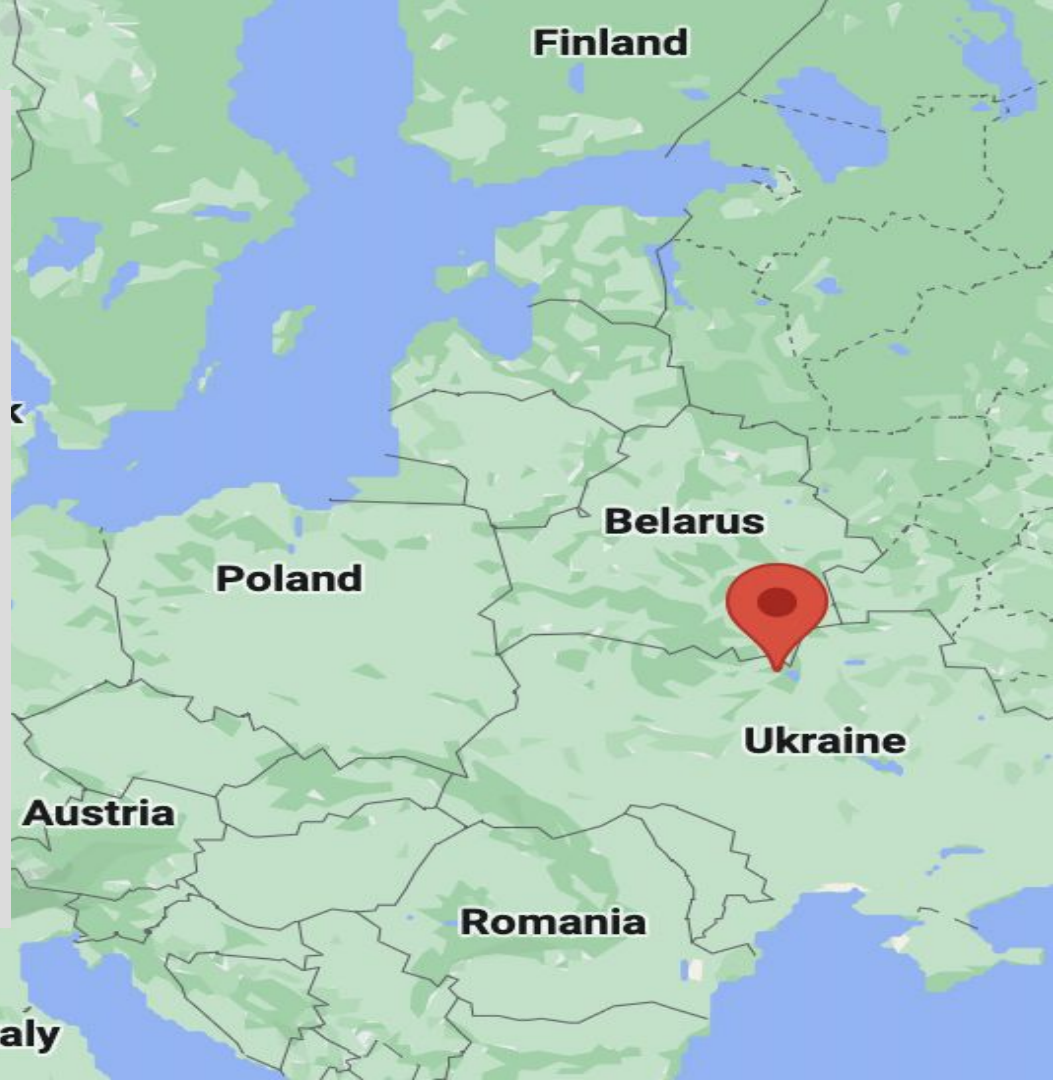
CHERNOBYL DISASTER

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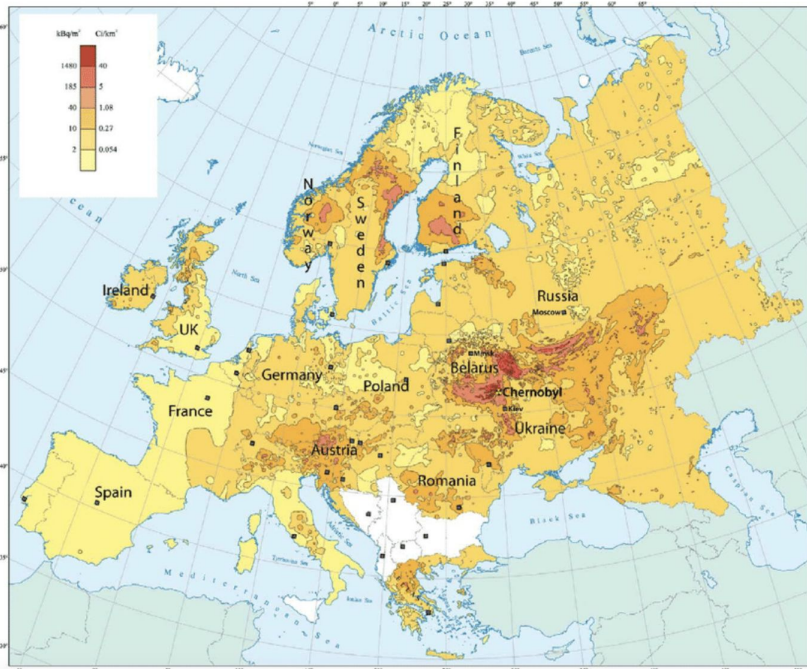
Key Facts

- Chernobyl is located in Northern Ukraine, then the Soviet Union.
- Population: 50,000.
- RBMK reactor type.
- Area is still completely abandoned.
- It is estimated that the radiation spread was enough to kill 16,000 people.



The Disaster

- Explosion on April 26, 1986.
- During an experimental test safety procedures were ignored.
- Radioactive Gas spewed into air.
- Wind carries gas throughout europe.
- Many died following the fallout, and some were lost instantly.





Ethical issue

- The reactor design was flawed but allowed.
- The engineers performing the experiment that started the disaster were not familiar with reactor physics.
- The experiment they carried out was done hastily.
- Authoritarian workplace culture led to complacency.

Alternative outcome

- If the disaster had never happened, the perception on nuclear power would have been much more positive.
- Nuclear power could have been utilized more, reducing our carbon footprint.
- This type of poor reactor design that allowed the fallout would have continued to be popular.
- The entire chernobyl area could have been spared from nuclear fallout.





Wrap-Up

- Submissive Work Environment.
- Minimal investment in proper safety protocols.
- Lack of transparency.
- Didn't have enough proper and lengthy training.



THANK YOU

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