



What does the Nuclear Engineering Division do?

- **The Nuclear Engineering Division provides a forum for the exchange of information and ideas among chemical engineers engaged in all aspects of the nuclear industry.**
 - Used nuclear fuel recycling
 - Nuclear waste processing
 - Uses of radioisotopes
 - Nuclear energy applications
 - Nuclear waste forms
 - Nuclear waste disposal
 - Nuclear fusion

- **The NED coordinates activities through its vice-chairs, directors and technical area leaders.**
 - Sponsors sessions, topicals, seminars and training at AIChE meetings.
 - Co-sponsors sessions and topicals to broaden participation from the wider chemical engineering community.
 - Education of Chemical Engineers on the Nuclear Fuel Cycle
 - Actively encourages student participation through free membership, papers, posters, presentations, and awards.

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Why does the Nuclear Engineering Division Exist?

- **NED was the first division in AIChE (1954).**
- **NED was established because of the unique chemistry, engineering, and safety challenges of processing of radioactive materials.**
- **NED continues to support chemical engineers working in Nuclear Power Plants, Nuclear Fuel Fabrication Facilities, Spent Nuclear Fuel Processing Facilities, Nuclear Waste Processing Facilities, and doing research/development in corporations, universities and national laboratories.**

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Why should I join the Nuclear Engineering Division?

- Networking opportunities with leaders in nuclear chemical engineering.
- Keep up to date on advances in nuclear chemical engineering.
- Learn about the nuclear fuel cycle, radiation chemistry and other topics likely skimmed over by professors in college.
- Opportunity to define conference programs.
- Career advice and opportunities from fellow members.
- Mentor younger engineers
- Support and encourage student interest in nuclear chemical engineering.
- Opportunity to nominate/receive NED Awards.