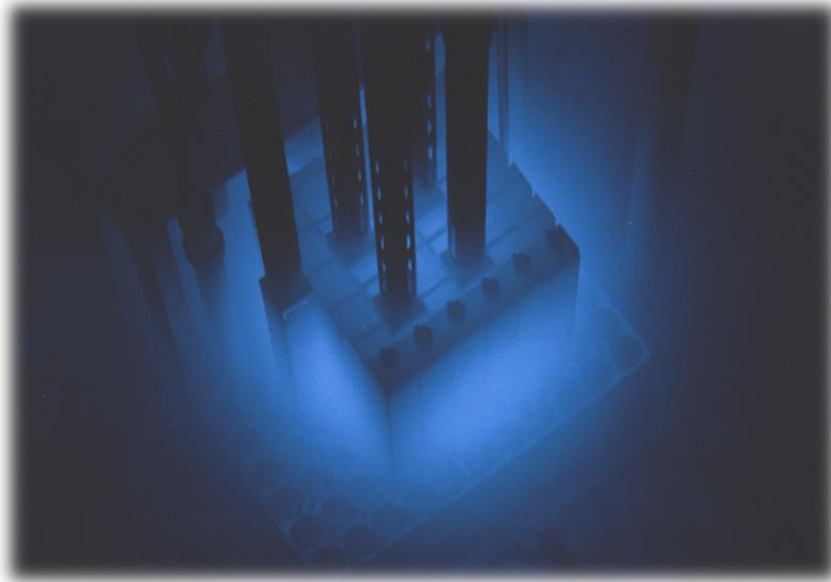


The Purdue American Nuclear Society presents...

Nuclear Engineering Teacher Workshop

For High School Science Teachers

Saturday, April 17, 2010, 9:00 AM – 5:00 PM



- Get **valuable information and resources** for teaching about radiation and nuclear technology in your classroom
- Receive a **comprehensive teacher handbook** with resources, teaching materials, experiment sheets, reference materials, and visual materials
- Tour some of the **nuclear engineering laboratories** at Purdue, including Indiana's only nuclear reactor (shown above)
- Lecture and interactive activities led by Purdue **nuclear engineering students** (undergraduate and graduate)
- **Includes breakfast and lunch!**

Where Purdue University – Neil Armstrong Hall of Engineering
701 West Stadium Ave.
West Lafayette, IN 47907

| | | | |
|---------------|-----------------------------|----------|--------------------------------|
| Agenda | | 12:00 PM | Lunch |
| 8:30 AM | Registration and Breakfast | 12:30 | Nuclear Energy |
| 9:00 | Atomic Physics History | 1:30 | Medical Nuclear Science |
| 9: 30 | Radiation and Radioactivity | 2:00 | Food Irradiation |
| 10:30 | Detecting Radiation | 2:30 | Careers in Nuclear Engineering |
| 11:30 | Fission and Fusion | 3:00 | Reactor and Lab Tours |

Science Standards This workshop will give you the resources to fulfill the following Indiana science standards in your classroom:

Physics: P.1.29, P.1.30, P.1.31, P.1.32, P.1.33, P.1.34, P.1.35, P.2.8, P.2.9 P.2.10

Chemistry: C.1.24, C.1.42, C.1.43

Integrated Chemistry & Physics: CP.1.8, CP.2.10, CP.2.11, CP.2.12

Environmental Science: ENV.1.16, ENV.1.24, ENV.1.32

Earth and Space Science: ES.1.9

Continuing Education Purdue ANS will gladly verify the number of hours of instruction and your attendance. Workshop participants may be eligible for continuing education credits, depending upon the requirements of their local school districts.

Register Online <http://www.ecn.purdue.edu/~ans/registration.html>

There is a **nonrefundable registration fee of \$30** to secure your spot, please send a check made out to “American Nuclear Society” to:

*American Nuclear Society
Attn: Lenka Kollar
400 Central Dr.
West Lafayette, IN 47907*

Deadline to Register: Wednesday, March 31, 2010

Space is Limited, Register Today!

Contact: Lenka Kollar at kollar@purdue.edu for any questions/concerns.

