

Session on the Project

1. Assigning Student Projects (DJ)
 - Each student will do a 2000 word report
 - The purposes of doing these reports are:
 - to practice research skills (a regulatory requirement of OCGS)
 - to touch on topics of general interest not covered in the course
 - Students will also make a 5 minute presentation on the project to inform their colleagues of the results but presentation skills are not marked
 - Project topics can be negotiated with the instructors

SOME SUGGESTED EXAMPLE TOPICS

In-Reactor Flux Detectors
Cold Fusion
Fission Weapons
Food Irradiation
Naval Propulsion Reactors
Radiation Dose in Space
Heavy Water Production
Radio Isotope Treatment
Generation IV Reactors
Nuclear Batteries
Pebble Bed Reactors
Status of Fusion Power
Fast Breeder Reactors
Spent Fuel Reprocessing
CANDU Fuel Cycles
Geological Disposal of Nuclear Waste
Uranium Mining and Refining
Nuclear Propulsion for Space Craft
Radiological Weapons
Grid Synchronization of Nuclear Plants
Hot Standby Mode for CANDUs
The Windscale Accident