



TRITIUM and C14



 Canada



Spring Meeting

**To be held in Paris during the first half of June, hosted
by EDF**



Perch Lake Scenario

Progress:

An issue regarding model descriptions was resolved

Future Work:

Scenario leader to make minor changes to model descriptions and submit final report for publication (January 2006)



Pickering Scenario

Progress:

The draft final report was reviewed page by page

Future Work:

Modelers to submit additional information

Scenario leader to revise the final report

Modelers to comment on the revised draft

Scenario leader to make final revisions and submit for publication (May 2006)



Soybean Scenario

Progress:

The draft final report was reviewed page by page

Future Work:

Modelers to submit additional information

Scenario leader to revise the final report

Modelers to comment on the revised draft

Scenario leader to make final revisions and submit for publication (May 2006)



Hypothetical Scenarios

Progress:

Results from the latest round of calculations were presented and discussed

Future Work:

Scenario leader to send a complete set of results out to modelers within two weeks

Modelers to check their results

Scenario leader to begin drafting final report for presentation at the spring meeting



Pine Tree Scenario

Progress:

Results from the second round of calculations were presented and discussed

Future Work:

Modelers to submit full model descriptions and revised groundwater results

Scenario leader to analyse latest results for presentation at the spring meeting



Mussel Scenario

Progress:

Results from the first round of calculations were presented and discussed

The scenario was extended to include a deuration phase

Future Work:

Scenario leader to distribute additional information and scenario description for the deuration phase

Modelers to submit new/revise results and model descriptions

Scenario leader to analyse results for presentation at the spring meeting



Rice Scenario

Progress:

Results from the first round of calculations were presented and discussed

Future Work:

Modelers to submit new/revised calculations and model descriptions

Scenario leader to analyse results for presentation at the spring meeting



Pig Scenario

Progress:

A data set involving exposure of a pig to elevated levels of OBT in its diet was adopted as the basis for a large animal scenario

Future Work

Scenario leader to develop a scenario description

Modelers to submit results

Scenario leader to analyse the results for presentation at the spring meeting



C-14 in Plants

Progress: A scenario was adopted involving acute exposure of agricultural crops to elevated levels of C-14 in air

Future Work:

Scenario leader to develop a scenario description

Modelers to submit results

Scenario leader to analyse the results for presentation at the spring meeting



Nature and Definition of OBT

Progress:

Two sets of experimental results on the existence of buried tritium were presented and discussed

The working definition of OBT was revised

Future Work:

Participants to carry out additional experiments to resolve the existence of buried tritium

Scenario leader to refine the definition of OBT based on the experimental results and circulate to WG members for discussion at the spring meeting



Contribution to the Transfer Parameter Working Group

Progress:

The requirements of the Transfer Parameter WG were determined through a joint meeting

Members of the Tritium/C14 WG volunteered to provide the required information

Future Work:

Participants to write a short outline of what we expect to produce (January 2006)

Participants to write a short description of the processes involved in the environmental transport of tritium and C-14 and how the specific activity approach can be applied to model these processes (May 2006)