

CRPs Completed in 2001

- D14008 The use of isotope techniques in studies on the management of organic matter and nutrient turnover for increased, sustainable agricultural production and environmental preservation
- D15005 The assessment of soil erosion through the use of Cs-137 and related techniques as a basis for soil conservation, sustainable agricultural production and environmental protection (Joint CRP with F3.10.01)
- D23019 Cellular biology and biotechnology including mutation techniques for creation of new useful banana genotypes
- D32016 Rinderpest seromonitoring and surveillance in Africa using immunoassay technologies
- D41015 Molecular and genetic approaches to develop sexing strains for field application in fruit fly SIT
- D42006 Automation in tsetse fly mass-rearing for use in sterile insect technique programmes
- D52033 Validation of thin-layer chromatographic screening methods for pesticide residue analysis
- E12015 Local production and evaluation of primary reagents for the radioimmunoassay of alpha feto protein (AFP)
- E13016 Study of the relationship between vesicoureteral reflux (VUR), Pyelonephritis (PN) and renal scarring in children with urinary tract infection (UTI) using nuclear medicine techniques
- E24007 Development of a quality assurance programme for radiation therapy dosimetry in developing countries
- E24011 Electron Paramagnetic Resonance (EPR) biodosimetry
- E33020 Human Immunodeficiency Virus (HIV) markers in patients treated with radiotherapy for cervical cancer
- E41010 Assessment of levels and health-effects of airborne particulate matter in mining, metal refining and metal working industries using nuclear and related analytical techniques
- F12011 Application of MeV ion beams for development and characterization of semiconductor materials
- F12012 Final stage of WIMS-D library update project

Appendix B.1

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- F22022 Development of agents for imaging central neural systems (CNS) receptors based on Technetium-99m
- F22026 Development of kits for radioimmunometric assays of tumor markers
- F22029 Development of radioactively labelled cancer seeking biomolecules for targeted radiotherapy
- F22031 The use of radiation processing for sterilization or decontamination of pharmaceuticals and pharmaceutical raw material
- F31001 Sedimentation assessment studies by environmental radionuclides and their application to soil conservation measures (Joint CRP with D1.50.05)
- F32002 The use of tracers and stable isotopes in surface water pollution studies
- F34008 Isotope techniques for the assessment of slow moving deep groundwater and their potential application for the assessment of waste disposal sites
- F34009 Radionuclide transport dynamics in freshwater resources
- I11001 Estimating the external costs associated with electricity generating options in developing countries using simplified methodologies
- I14002 Case studies to assess and compare different energy sources in sustainable energy and electricity supply strategies
- I14003 The role of nuclear power and other energy options in meeting international goals on greenhouse gas emission reductions
- I32002 Intercomparison of analysis methods for seismically isolated nuclear structures
- I33008 Potential of thorium-based fuel cycles to constrain Pu and to reduce long-term waste toxicities
- I33009 Use of Thorium-based fuel cycle in accelerator driven systems (ADS) to incinerate Pu and to reduce long-term waste toxicities
- J16005 Cytogenetic biodosimetry
- J45001 Investigation of methodologies for incident analysis
- J91002 BIOsphere Modelling and ASSessment methods (BIOMASS)

Appendix B.2

CRPs Completed in 2001

- J91003 Improvement of Safety Assessment Methodologies for near surface disposal facilities for radioactive waste (ISAM)
- T11005 Treatment of liquid effluent from uranium mines and mills during and after operation (post decommissioning / rehabilitation)
- T12012 Modelling of transport of radioactive substances in primary circuit of water cooled reactors
- T13006 Corrosion of research reactor aluminium-clad spent fuel in water
- T21018 Combined methods of liquid radioactive waste treatment
- T21019 Long term behaviour of low and intermediate level waste packages under repository conditions
- T24005 Decommissioning techniques for research reactors