RTD 5th framework-programme 1998-2002: direct actions JointResearch Centre JRC for the EAEC. Specific programme

1998/0188(CNS) - 10/06/1998 - Legislative proposal

OBJECTIVE: to adopt a specific Euratom programme for research and training to be implemented by the Joint Research Centre (JRC) by means of direct actions (1998 to 2002). SUBSTANCE: with a view to the implementation of the fifth framework programme of the European Atomic Energy Community for research and training, the Commission proposes adopting a specific programme to be implemented by the JRC for the period 1998-2002. The amount deemed necessary for the implementation of the specific programme is ECU 326 m (ECU 82.3 m for 1998-1999; ECU 243.7 m for 2000-2002). The proposed programme focuses on four areas: a) controlled thermonuclear fusion: the activities of the JRC notably concern materials research and testing, with particular emphasis on low activation materials, the interaction of hydrogen and its isotopes with materials and components and participation in safety and environmental impact studies; b) nuclear fission safety: - ageing of materials and components; - fuel cycle safety; - study of irradiated fuels with a view to direct disposal; - the study of severe accidents; c) control of nuclear materials and nuclear safeguards: - development and improvement of measurement, monitoring and analytical techniques, with the emphasis on automation; - development of dedicated information technologies to analyse and detect anomalies between declarations and verifications; - evaluation with regard to controls on fissile materials; - development of analytical techniques adapted to the fight against illicit trafficking and environmental damage involving radioactive materials; - training of inspectors and operators; d) decommissioning of nuclear installations and waste management: the JRC will undertake and intensify work on decommissioning and dismantling of installations used for nuclear activities which are no longer in use and have become obsolete (treatment and management, including disposal of waste).