

Major Programme 4 – NUCLEAR VERIFICATION AND SECURITY OF MATERIAL

Introduction

Within the framework of this major programme the Agency's statutory authority is being implemented to establish and administer safeguards to ensure that special fissionable and other materials, services, equipment, facilities and information are not used to further any military purpose, and under comprehensive Safeguards Agreements and the Additional Protocol thereto, to ensure that all nuclear material is declared to the Agency and placed under safeguards.

This major programme is also designed to assist the international community in nuclear disarmament efforts, and in enhancing the security of nuclear material and, in the prevention, detection of, and response to illegal activities involving nuclear and other radioactive materials.

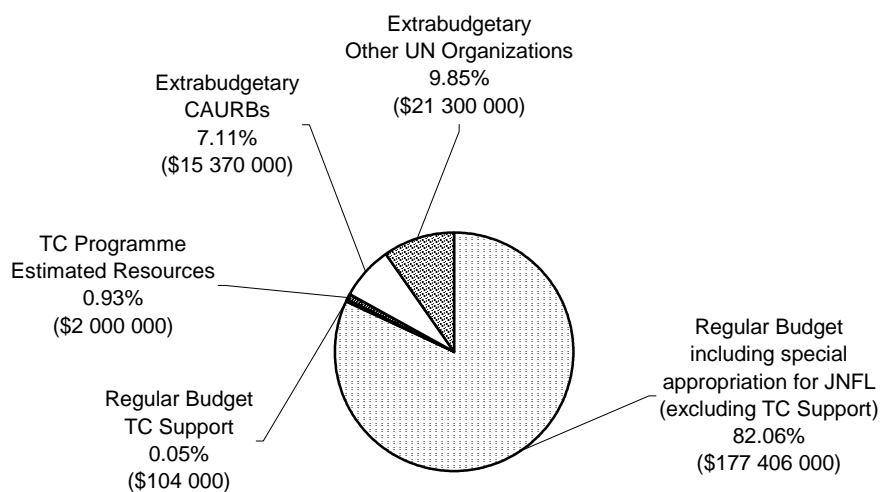
Verification and monitoring activities in Iraq under United Nations Security Council resolutions are also included for budgetary purposes as part of this major programme.

Overall planning, direction, co-ordination and control occurs at the major programme level to ensure efficient and effective, as well as transparent, management of the programmes that constitute nuclear verification and security of material and to ensure appropriate co-ordination within the Agency.

Objective

To provide credible assurance not only that nuclear materials placed under safeguards are not diverted, but also about the absence of undeclared nuclear material or activities in States with comprehensive Safeguards Agreements and Additional Protocols. To assist the international community in nuclear disarmament efforts; and to improve the security of nuclear and other radioactive material.

Total Resources for Nuclear Verification and Security of Material in 2002–2003 (including the TC Programme)



The total resources for implementation for Major Programme 4 amount to \$216 180 000 for the biennium. The regular budget, including the special appropriation for safeguards equipment (see paragraph 44 of the Overview), constitutes \$177 510 000 or 82.11% of this amount (at 2002 prices). The regular budget represents increases of \$2 814 000 for 2002 and \$926 000 for 2003 compared with 2001 (at 2001 prices). These increases are accounted for by the additional resources requested for procurement of safeguards equipment for the Japan Nuclear Fuel Limited reprocessing plant under construction in Rokkasho Mura. Further details of this requirement are set out in the Overview and under subprogramme M.2.

The above zero real growth budgetary requirement for safeguards has been partially offset in 2002 and fully in 2003 by part of the savings, budgetary reductions and cuts referred to in paragraphs 40 and 41 of the Overview. The residual resources requirement for 2002, \$1 847 000 at 2002 prices, which cannot be accommodated within an Agency zero real growth budget will be provided by a special appropriation funded by part of the 1999 cash surplus, as outlined in paragraph 44 of the Overview.

An amount of \$104 000 of regular budget funding (0.05%) will be used to support technical co-operation programming worth \$2 million in Security of Material through technical support during formulation and implementation of projects or as an actual contribution to the programme itself through the provision of expert services.

Extrabudgetary funding expected (\$36 670 000) accounts for a further 17% of total resources. Of this amount, \$15 370 000 relates to funding of CAURBs (7.1% of total resources), while the extrabudgetary contributions of other United Nations organizations amount to \$21 300 000 (9.85%). There is a further \$38.6 million for CAURBs for which there is no funding available from any source.

More detailed data on the regular budget proposals and extrabudgetary resources expected to be available are set out by subprogramme in the tables at the end of this major programme text. Details are also given there of the subprogramme funding required for CAURBs. For those CAURBs for which no funding is available, details of the outputs which will not be delivered or will be delayed or hindered are listed.

Two further tables are added, at the end of Major Programme 4, giving details and forecasts relating to installations subject to safeguards or containing safeguarded material in non-nuclear-weapon States and amounts of nuclear material under Agency safeguards in non-nuclear-weapon States.

STRUCTURE OF MAJOR PROGRAMME 4

NUCLEAR VERIFICATION AND SECURITY OF MATERIAL

Overall Management, Co-ordination and Common Activities

PROGRAMME M. SAFEGUARDS

Subprogramme M.1. Operations

- Recurrent Project M.1.01. Inspection in States with comprehensive Safeguards Agreements
- Recurrent Project M.1.02. Inspection in States with comprehensive Safeguards Agreements and an Additional Protocol in force
- Recurrent Project M.1.03. Inspection in States with INFCIRC/66 type agreements
- Recurrent Project M.1.04. Inspection in States with voluntary offer agreements
- Recurrent Project M.1.05. Negotiation and liaison
- Recurrent Project M.1.06. Information processing
- Recurrent Project M.1.07. State information evaluation
- Recurrent Project M.1.08. Effectiveness evaluation
- Recurrent Project M.1.09. Operations equipment management
- Recurrent Project M.1.10. Sample logistics and analysis

Subprogramme M.2. Development and Support

- Recurrent Project M.2.01. Instrumentation development and field support
- Recurrent Project M.2.02. Computer application support
- Recurrent Project M.2.03. Computer systems support
- Recurrent Project M.2.04. Systems studies and approaches
- Recurrent Project M.2.05. Standardization
- Recurrent Project M.2.06. Statistical analysis
- Recurrent Project M.2.07. Safeguards training
- Recurrent Project M.2.08. Programme and resources, including Member State Support Programme administration
- Project M.2.09. Development of safeguards system for a large reprocessing plant in Japan–JNFL
- Project M.2.10. Development of IAEA verification regime for weapon origin and other fissile material specified by the Russian Federation and the United States of America as no longer required for military purposes

PROGRAMME N. SECURITY OF MATERIAL

Subprogramme N.1. Technical, Administrative and Regulatory Arrangements in Member States to Protect and Control Nuclear Materials

- Project N.1.01. Developing standards for physical protection of nuclear material and nuclear facilities
- Project N.1.02. Providing assistance for the application of standards for physical protection of nuclear material and nuclear facilities in Member States
- Project N.1.03. Developing norms and guidelines for nuclear material accountancy and control
- Project N.1.04. Providing assistance for the application of norms and guides for nuclear material accountancy and control in Member States

Subprogramme N.2. Addressing Illegal activities involving Nuclear and other Radioactive Materials

Recurrent Project N.2.01. Development of methodologies, technologies and guides for detection and prevention of and response to illegal activities involving nuclear and other radioactive materials

Project N.2.02. Providing assistance to Member States in the application of methodologies, technologies and guides for detection of and response to illegal activities involving nuclear and other radioactive materials

Recurrent Project N.2.03. Provision of consolidated information on illicit trafficking

Recurrent Project N.2.04. International co-operation on the security of nuclear and other radioactive materials

PROGRAMME O. VERIFICATION IN IRAQ PURSUANT TO UNSC RESOLUTIONS

Subprogramme O.1. Verification in Iraq pursuant to UNSC Resolutions

Project O.1.01. Ongoing monitoring and verification (OMV) operations

Project O.1.02. Development, support and planning

Project O.1.03. Management