

**Report**  
**Consultancy Meeting to review and amend the Model Regulations on Physical Protection of Nuclear Material and Nuclear Facilities**

This consultancy meeting was conducted at IAEA Headquarters in Vienna from 7 to 11 June 2010. Participants included:

Mr. John Matter, USA  
Mr. Frederic Morris, USA  
Mr. Carlton Stoiber, USA  
Mr. Albert Tardiff, USA  
Mr. Beat Wieland, Switzerland  
Mr. Arvydas Stadalnikas, IAEA ONS

At times the meeting was attended by:

Ms. Ann-Margreth Eriksson Eklund  
Mr. Miroslav Gregoric  
Mr. Denis Winter

**Objective of the consultancy meeting and purpose of the Model Regulations**

In his introductory statement, M. Gregoric mentioned as objective of the meeting to update draft model regulations in accordance with the latest Nuclear Security Series documents, in particular draft “Recommendations on Physical Protection of Nuclear Material and Nuclear Facilities” (INFCIRC 225/ Rev. 5).

The model regulation should be drafted primarily with a view to be used by the Agency as a tool for assisting States in their review and updating of their existing regulations on physical protection.

**Background**

The group used for its work a revised draft “Guide for drafting Nuclear Security Regulations”, developed by a Consultants Meeting in January 2008, a first draft of a “Model Regulation for Physical Protection of Nuclear Facilities and Nuclear Material,” draft INFCIRC 225/Rev. 5, and the draft “Model Regulations for the Security of Radioactive Sources in the Manufacture, Use, Storage and Transport” (November 2008).

NOTICE: The document transmitted herewith (Attachment 1 Model Regulations) is pre-decisional and therefore held from public disclosure. This document, when separated from Attachment 1, is DECONTROLLED.”
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## **Procedures for Review and Amendment**

### Guide for Drafting Nuclear Security Regulations

In a short discussion on the first day of the meeting, the group came to the conclusion that the document could be used as a useful tool for drafting and reviewing regulations in general and not exclusively for drafting nuclear security regulations. Proposals for changes and amendments have been made, and they will be taken into consideration if the document is further developed and used.

### Model Regulations on Physical Protection of Nuclear Material and Nuclear Facilities

In a discussion based on the draft model regulation and its table of contents, submitted before the meeting, the group came to the conclusion that the document should be much more detailed based on the recommended requirements in INFCIRC 225/Rev. 5 and that the structure of the document should better reflect the graded approach, the categorization scheme and the two sets of protection requirements for use and storage and for transport.

The group decided to redraft the document with the following structure:

- General Provisions
- Basic Arrangements for Physical Protection
- Requirements for Protection Against Unauthorized Removal of Nuclear Material in Use and Storage
- Requirements for Protection Against Sabotage
- Requirements for Protection of Nuclear Material During Transport

In carrying out this work, the group started from the assumption, that national regulations will be based on existing legislative and regulatory infrastructure. The group based the model regulation on the relevant parts of INFCIRC 225/Rev. 5, taking into consideration mainly the recommended requirements addressed to licensees.

## **Results of the Meeting**

The outcome of the group's work over the week is a draft model regulation for the physical protection of nuclear material, consisting of 108 articles as well as an introductory chapter with detailed information on the assumptions which form the basis for the model regulations, both of them reflecting the draft INFCIRC 225/Rev. 5 of 18 March 2010.