



IAEA

International Atomic Energy Agency

Atoms for Peace

PROSPECTUS

Ref.: 3090072; J0-TR-45645

Title: Regional Training Course on the Design and Evaluation of Physical Protection Systems for Nuclear Material and Nuclear Facilities.

Place: Mumbai, India

Date: 18 – 22 November, 2013

Deadline for Nominations: 1st November, 2013

Organizers: The International Atomic Energy Agency (IAEA) in cooperation with the Government of India through the Bhabha Atomic Research Centre and Global Centre for Nuclear Energy Partnership.

Course Director: Mr. Ranajit Kumar
Head, Physical Protection System Section
Control Instrumentation Division
Bhabha Atomic Research Centre,
Trombay, Mumbai – 400085, INDIA
Ph. + 91 22 25505654, Fax. + 91 25591803
E-mail: ranajitk@barc.gov.in

Host Country Course Coordinator Mr. Anand Laddha
Physical Protection System Section
Control Instrumentation Division,
Bhabha Atomic Research Centre,
Trombay, Mumbai – 400085, INDIA
Ph. + 91 22 25594828, Fax. + 91 25591803
E-mail: anandl@barc.gov.in

IAEA organizers: Mr. Alexey Ubeev
IAEA Office of Nuclear Security
International Atomic Energy Agency
Tel.: +43 1 2600 26239
Fax: +43 1 2600 29299
E-mail: A.Ubeev@iaea.org

Participants' qualifications:

The course is open to 35 participants from countries with existing nuclear installations (including research reactors) and countries that have embarked on, or are in the advanced stage of, a new nuclear power programme. Out of 35 participants, a maximum of 10 participants will be taken from India.

The target audience for the course includes persons who are responsible for designing and/or assessing physical protection system, for operators and managers of such systems, for those preparing associated regulations and for representatives of the competent authorities. It is assumed that the participants will have a basic technical background and some experience in security of nuclear material and/or nuclear facilities.

The course will be conducted in English; participants should be capable of freely express themselves and following lectures in that language.

Purpose:

The purpose of the course is to familiarize participants with the current concepts and technologies in the area of physical protection, so as to enable them to initiate and operate appropriate security programmes in their respective countries that are in line with the physical protection requirements laid down in the Convention of Physical Protection of Nuclear Material as amended in 2005, and in *Nuclear Security Recommendation Physical Protection of Physical Protection of Nuclear Material and Nuclear Facilities* (INFCIRC/225/Revision 5) (IAEA Nuclear Security Series No. 13 Vienna, 2011).

It is expected that, following the training course, participants will be directly involved in their national programmes for the physical protection of nuclear material and nuclear facilities.

Nature of the course:

The course will consist of lectures about the environment in which the physical protection system will exist (facility operations and conditions), what the system must protect against (threat), and what the physical protection system must protect (targets). Nuclear security culture, risk management and regulatory requirements as well as evaluating the effectiveness of physical protection system will be covered in the course. During the small-group sessions, the participants will apply concepts covered in the lectures as they work through practical exercises on a hypothetical facility.

Application Procedure :

Nominations should be submitted using the attached Nomination Form. Completed forms should be endorsed by nominating organization through official channels. The nominations should be communicated to the Course Director:

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Control Instrumentation Division
Bhabha Atomic Research Centre,
Trombay, Mumbai – 400085
INDIA
Ph. + 91 22 25505654
E-mail: ranajitk@barc.gov.in

The completed nomination must be received by the Course Director by 1st

November, 2013. Nominations received after the due date or applications which have not been routed through one of the aforementioned channels cannot be considered.

Advanced nominations via fax (022 25591803 / 25505151), or by email (ranajitk@barc.gov.in, anandl@barc.gov.in) are welcome. The fax/email should contain the following basic information about the candidate: name, age, sex, academic qualifications, present position (including exact nature of duties carried out), full working address (including telephone and fax numbers and email).

For further queries, please contact Host Country Course Coordinator:

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**Administrative
and financial
arrangements:**

Indian participants are requested to make their own travel and accommodation arrangement and the expenditure for this would be borne by individual organization nominating the delegate.