



IAEA

International Atomic Energy Agency

IAEA Regional Training Course on the Physical Protection of Nuclear Materials and Facilities

Bhabha Atomic Research Centre, (BARC), Mumbai, India

6 to 17 April 2009

J0-TR-37883 NSF08233

Nomination Form

The Government of:

Nominates the following candidate for the **Training Course** (as per the above mentioned title)

Family name: <i>(as in passport)</i>
First name:
Complete mailing address (office):

Date of birth:
Place of birth:
Nationality:
Passport No.:
Date/Place of issue:
Valid until:
Telephone (office):
Fax:
Email:

Recent photograph of candidate

EDUCATION (commencing with secondary school)

Years attended		Name and place of institution	Field of study	Diploma or degree
from	to			

RECENT EMPLOYMENT RECORD

Years of service		Name and place of employer/organization	Title of position	Type of work
from	to			

DESCRIPTION OF WORK

Type of work done by the candidate during the past 3 years (Please attach list of any material the candidate may have published)

Has the candidate been, or will he/she be, involved in any IAEA-supported technical cooperation project? (please identify project and describe the nature of the candidate's involvement.)

FELLOWSHIPS

What fellowships have been awarded to the candidate and which training course(s) has he/she attended? (Indicate year, subject, host institution and place)

RELEVANCE OF THE TRAINING

How is the Government going to make use of the training received by the candidate at the course?

LANGUAGE CERTIFICATE

I, as a qualified language examiner, hereby certify that I have examined the above candidate and give the following information on his/her language qualification

- (a) Mother tongue of the candidate:
- (b) Other languages:
- (c) Language of the course:
- (d) Proficiency in the language of the course:

Read	Write	Speak	Understand
<input type="checkbox"/> Good	<input type="checkbox"/> Good	<input type="checkbox"/> Good	<input type="checkbox"/> Good
<input type="checkbox"/> Average	<input type="checkbox"/> Average	<input type="checkbox"/> Average	<input type="checkbox"/> Average
<input type="checkbox"/> Poor	<input type="checkbox"/> Poor	<input type="checkbox"/> Poor	<input type="checkbox"/> Poor

Date

Name (printed) and signature of examiner

MEDICAL CERTIFICATE

I, as a qualified medical doctor, hereby certify that I have examined the above candidate and found him/her in good health, free from infectious diseases and able physically and mentally to carry out any relevant duties away from his/her home.

Date

Name (printed) and signature of examiner

GOVERNMENT STATEMENT

The nominating Government gives the following assurances:

- (a) All information supplied in this form is complete and correct;
- (b) Should the candidate's language qualification prove to be insufficient or should the candidate's state of health not correspond to the examining physician's statement, the nominating Government will accept the responsibility for the consequences and any costs arising therefrom;
- (c) It is noted that the sponsoring organisation(s), host country(ies) and host institution(s) do not accept liability for the payment of any costs or compensation arising from damage to or loss of personal property, or from illness, injury, disability or death of a participant while he/she is travelling to and from or attending the training course, and it, the nominating Government, undertakes the responsibility for such coverage;
- (d) The position of the candidate will be retained for him/her and he/she will continue to receive during the training course a salary and related emoluments to enable him/her to meet his/her financial commitments in his/her home country;
- (e) If selected the nominee will conduct himself/herself in a manner compatible with his/her status as a participant and will refrain from engaging in any political and commercial activities;
- (f) No facts are known to the Government as regards the reliability and character of the candidate that would militate against the granting of access to nuclear installations.

Date:

Name and title (printed) and signature of certifying Government Official:



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Personal Information Form

Candidate's Name: _____

AS IT APPEARS ON THE PASSPORT

Gender: _____

Date of Birth: _____

Day

Month

Year

Place of Birth: _____

City

Province

Country

Nationality: _____

Primary **AND** Secondary (if Dual Citizenship)

Passport Number: _____ **Date of Expiry:** _____

Telephone Number Office: _____

Fax Number: _____

Email Address: _____

Employer's Name: _____

Employer's Address _____

Street

City

Country

Postal Code

Candidate's Position/Title: _____

Type of Work: _____

Home Address: _____

City

Country

Postal Code

Home Telephone Number: _____

Visa: _____

(if available) Type of Visa held

Date of Issue

Date of Expiry

To be completed and sent together with standard IAEA Nomination Form to the IAEA

Fax: 00 43 1 2600 29299 or E-mails: officialmail@iaea.org / A.LopezKollros@iaea.org

Prospectus

Regional Training Course on Physical Protection of Nuclear Material and Nuclear Facilities

Mumbai, India

6 to 17 April 2009

J0-TR-357883 NSF08233

- Title:** Regional Training Course on Physical Protection of Nuclear Material and Nuclear Facilities
- Place:** Mumbai, India
- Date:** 6 to 17 April 2009
- Deadline for nominations:** 2 March 2009
- Organizers:** The International Atomic Energy Agency (IAEA) and the Bhabha Atomic Research Centre (BARC), Department of Atomic Energy, Government of India.
- Language:** The language of instruction will be English.
- Background:** This training course constitutes part of the nuclear security training programme offered by the Office of Nuclear Security in the Department of Nuclear Safety and Security at the IAEA.
- Participation:** The training course is open up to 35 trainees from Member States of Asia and Pacific Region, which have civilian nuclear programs in nuclear power plant and research reactor operation.
- Objective:** The aims of the training course are to establish an awareness of the need for an integrated system of physical protection (PP) for nuclear facilities, that is effective against the threat of radiological sabotage and theft of nuclear and other radioactive material, familiarize professionals, involved in the establishment of a system of physical protection with international instruments, IAEA guidance and current PP concepts and techniques and increase security awareness in individuals and organizations that will give physical protection issues attention warranted by their significance.
- Participants' Qualifications:** The participants should be a mix of operators, regulators, users, and protectors of civilian nuclear facilities. The course is intended mainly for individuals from operating organizations and regulatory bodies, who are in charge of the security of nuclear and other radioactive materials and nuclear facilities. Representatives of other organizations may attend the course, as their needs require, their background permit and space is available.

As the working language of the course is English, it is essential that the applicants should be fluent in this language, including specific subjects of nuclear security terminology.

Nature of the course:

The course consists of lectures, sub-group working sessions for application and a field tour to a Nuclear Power Plant of the host country as a field demonstration for a physical protection system as far as confidentiality requirements can be met. During the sub-group working sessions and the final exercise of the course, the participants apply course concepts and their experience in the field as they work through practical exercises on a hypothetical facility. The tour is included in order to broaden the background knowledge of the course participants.

Contents of the course

The training strategy will provide regional trainees modern and internationally accepted concepts and technology in the area of security of nuclear and other radioactive material and nuclear installations. The program will focus on, but not be restricted to:

1. Physical Protection (PP) of Nuclear Facilities: methodical approach for design and evaluation of physical PP against unauthorized removal of nuclear and other radioactive material from these facilities and associated sites and against attempts of their sabotage.
2. Review Design Basis Threat (DBT) Development: DBT development process, discussion on its incorporation in the regulation and application in PP system design and evaluation
3. Appropriate Levels of PP: methodologies to decide on appropriate levels and to define the specific objectives of PP against theft of material and sabotage of radioactive material and facilities
4. Design and Evaluation of PP Systems: methodology to identify the vulnerabilities of nuclear facilities and associated sites, like spent fuel storages, and to design the PP system, considering the specific needs of the facility; threat from outside and insider threat are included

Application Procedure:

The course is open to government nominated individuals. Nominations should be submitted on the standard IAEA application form for regional training courses. Completed forms should be endorsed by and returned through the established official channels (the Ministry of Foreign Affairs, the National Atomic Energy Authority or the office of the United Nations Development Programme). They must be received by the International Atomic Energy Agency, via e-mail (Official.Mail@iaea.org) and/or by facsimile +43-1-2600-29299 or via P.O. Box 100, A-1400, Vienna, Austria.

Nominations received after **2 March 2009** or applications which have not been routed through one of the aforementioned channels will not be considered.

The facsimile/e-mail should contain the following basic information about the candidate(s): name, age, gender, academic qualifications, present position including exact nature of duties carried out, proficiency in English, and full working address (including telephone and fax numbers and e-mail) to enable the IAEA to make preliminary evaluation of the candidates.

Approval of the candidate will be notified by the IAEA and a personal invitation letter will be issued to each foreign participant selected to participate.

**Administrative
and financial
arrangements:**

Nominating Governments will be informed in due course of the candidates selected and will be given full details of the procedure to be followed with regard to administrative and financial arrangements.

Participants from countries eligible to receive IAEA technical assistance funds will be provided with a travel grant to cover the roundtrip airfare from the airport nearest the participants' residence and the host country. In addition, they will receive a daily subsistence allowance to cover the cost of the accommodation and meals not provided by the course organizers, and to cover return transfers between home and airport and airport and course venue, and incidentals.

The total lump sum grant will be transferred to the UNDP office in the participant's country. Travel arrangements are to be made by the participants themselves. No additional payment will be made in the Host country.

No tuition fee will be charged.

It should be understood that the organizers of the course do not accept liability for the payment of any costs or compensation that may arise from the damage to or loss of personal property, or from illness, injury, disability, or death of a participant while he/she is traveling to and from or attending the course, and it is clearly understood that each Government, in nominating participants, undertakes responsibility for such coverage. Governments would be well advised to take out insurance against these risks.

**Host Country
Course Director**

Mr. G. P. Srivastava

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**Host Country
Course
Coordinator**

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**IAEA course
Director/ Scientific
Secretary**

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**IAEA course
Administrative
Coordinator**

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