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Rabat, le 4 avril 2013

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Monsieur l'Ambassadeur Représentant Permanent  
Vienne

**Objet :** Demande d'appui à une Candidature marocaine au poste de Directeur des Garanties à l'AIEA

J'ai l'honneur de vous informer que ce Ministère a été destinataire du dossier, ci-joint, concernant la demande d'appui à la candidature de M. Ibrahim Cherradi, ressortissant marocain, au poste de Directeur de la Division des opérations B au Département des Garanties de l'AIEA.

Je vous saurais gré des démarches que vous pourriez entreprendre auprès du Directeur général de l'AIEA pour appuyer cette candidature.

Le Directeur des Questions Globales

Mohammed Amine BELHAJ

Compliments

Le ressortissant marocain Ibrahim Cherradi, qui exerce depuis 27 ans au sein de l'Agence Internationale de l'Energie Atomique (AIEA) et occupe depuis 07 ans le poste de chef de section dans la division des équipements de vérification, postule cette année pour le titre de Directeur de la division des opérations B au département des Garanties de l'AIEA.

A cet effet, M. Cherradi sollicite ouvertement le soutien des autorités marocaines à sa candidature et souhaite, en plus des écrits du Ministère des Affaires Etrangères et de la Coopération et du Ministère de l'Energie, des Mines, de l'Eau et de l'Environnement, que notre Ambassadeur à Vienne puisse le soutenir auprès du Directeur Général de l'AIEA et auprès des autres Ambassadeurs accrédités dans la capitale autrichienne.

Un poste de Directeur attribué à un ressortissant marocain au sein du Département des Garanties de l'AIEA ne peut être que bénéfique pour l'image du Royaume. Il s'ajouterait à celui déjà occupé par le Marocain Mrabit Khammar à la tête du Département de la sécurité nucléaire au sein de l'AIEA, consacrerait le rôle joué par le Maroc dans cette instance internationale et servirait à contrecarrer l'activisme des Algériens qui s'opposent à toute émancipation marocaine au sein de l'AIEA.

En vous faisant parvenir le Curriculum Vitae de M. Ibrahim Cherradi ainsi que des éléments d'information sur le poste de Directeur pour lequel il postule, nous vous saurions gré de bien vouloir intervenir auprès des instances compétentes pour lui apporter le soutien nécessaire.

PERSONAL HISTORY FORM  
**Ibrahim Cherradi**

Last updated: 2012-10-18 11:08:43

Submitted: 2013-02-21 17:22:51

**Post Applied for**

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2012/106 Director, Division of Operations B (re-opened on 25 January 2013) (D-1/D-2)  
SGOB, Department of Safeguards**Personal Information**

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Family name: **Cherradi**  
First name: **Ibrahim**  
Middle name:  
Maiden name:  
Gender: **Male**  
Date of birth: **1958-02-19**  
Place of birth (city, country):  
Nationality: **Morocco**  
2nd nationality, if any:  
Nationality at birth: **Morocco**  
Marital status: **Married**

**Contact Information**

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**Current address**

Address: **Arbeiterstrandbadstrasse 51**  
City / Province or state: **Vienna**  
Postal code: **A1210**  
Country: **Austria**  
Home phone no.: **263 00 86**  
Work phone no.: **x 21870**  
Mobile phone no.: **0676 375 48 36**  
Fax no.:  
E-mail address: **i.cherradi@iaea.org**

**Permanent address**

Address:  
City / Province or state:  
Postal code:  
Country:  
Home phone no.:

**Miscellaneous**

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Have you taken up legal permanent residence status in any country other than that of your nationality?

**No**

Have you taken any legal steps towards changing your present nationality? **No**

If the answer to either question is "yes", please explain fully:

Have you ever been arrested, indicted or summoned into court as a defendant in a criminal proceeding or convicted, fined or imprisoned for the violation of any law (excluding minor traffic violations)? **No**

If answer is "yes", give full particulars of each case:

Have you been subject to any disciplinary proceedings against you for misconduct which resulted in a disciplinary sanction from any organization?

If answer is "yes", give full details of each case:

State any other relevant facts. Include information regarding any residence outside the country of your nationality:

Where did you learn about job opportunities at the IAEA?

If your answer is "Other", please specify:

## Work Conditions

Have you previously worked at the IAEA? **Yes**

If so, please enter your IAEA personnel number: **055868**

Have you previously submitted an application for employment with the IAEA? **Yes**

If so, when?

Would you accept employment for less than six months? **No**

Are any of your relatives employed by IAEA or any other international organization? **No**

If so, please provide their names, relationship types (e.g. spouse, brother, etc.) and the names of the organizations in which they are working:

Entry into the service of the International Atomic Energy Agency may entail assignment and travel to any area of the world in which the Agency might have responsibilities. If you have any disabilities which might limit your prospective field of work or your ability to travel by air, please describe:

## Dependants

If you have dependants give the following information:

No.	Name	Birth date	Relationship
1.	<b>Najwa</b>	<b>1959-02-08</b>	<b>Spouse</b>
2.	<b>Rita</b>	<b>1989-01-31</b>	<b>Daughter</b>
3.	<b>Sara</b>	<b>1993-06-03</b>	<b>Daughter</b>

## Education

Please give exact names of institutions and titles of degrees above secondary school, as they appear in the diploma(s). Please do not equate to other degrees.

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| <p>1. Months/years attended:<br/>Degrees, diplomas, certificates and academic distinctions:<br/><br/>Main course of study:</p> | <p>from <b>September 1983</b> to <b>December 1987</b><br/><b>PhD - Doctorat d'Université en Energétique, "Direct Numerical Simulation by Monte-Carlo method for Rarefied Gaseous Flows"</b><br/><b>Energetics, Aerodynamics at Laboratoire d'Aérodynamique CNRS Meudon France; sponsored by AEROSPATIALE for Ariane Space launcher</b></p> |
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- Name, place and country: **Université de PARIS 11+ CNRS, France**
2. Months/years attended: from **September 1982** to **June 1983**  
Degrees, diplomas, certificates and academic distinctions: **Diplôme d'Ingénieur en Génie Atomique**  
Main course of study: **Nuclear reactor engineering, Nuclear Power Plant operation, Nuclear Fuel Cycle, Nuclear Instrumentation, Automatism**  
Name, place and country: **INSTN Saclay, France**
3. Months/years attended: from **September 1981** to **September 1982**  
Degrees, diplomas, certificates and academic distinctions: **MS - Diplôme d'Etudes Approfondies en Physique des Réacteurs Nucléaires**  
Main course of study: **Nuclear reactors physics, NPP Neutronics, Thermo-hydraulics, Nuclear Fuel Cycle, Nuclear Physics**  
Name, place and country: **INSTN Saclay + Université de PARIS 11, France**
4. Months/years attended: from **September 1979** to **June 1981**  
Degrees, diplomas, certificates and academic distinctions: **Maitrise en Physique**  
Main course of study: **Physics: Nuclear Physics, Particles Physics, Chemistry and Mathematics**  
Name, place and country: **Université de PARIS 7, France**
5. Months/years attended: from **September 1978** to **June 1979**  
Degrees, diplomas, certificates and academic distinctions: **BS - Licence en Physique**  
Main course of study: **Physics, Chemistry and Mathematics**  
Name, place and country: **Université de PARIS 7, France**
6. Months/years attended: from **September 1976** to **June 1978**  
Degrees, diplomas, certificates and academic distinctions: **Diplôme d'Etudes Universitaires Générales en Mathématiques et Physique,**  
Main course of study: **Mathematics Physics and Chemistry**  
Name, place and country: **Université de NANCY I, France**

## Employment Record

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Starting with your present post, list in reverse order every employment you have had. Use a separate block for each post. Include also service in the armed forces and note any period during which you were not gainfully employed.

1. Period of employment: from **December 2006**  
Exact title of your post: **Head, Section for Verification Logistics, Division of Technical and Scientific Services, Department of Safeguards**  
Name and address of employer: **IAEA**  
Phone number:  
Name and title of supervisor:  
Have you any objections to our making enquiries of your present employer? **No**  
Type of business: **Nuclear Safeguards**  
Number and kind of employees supervised by you: **About 30 Professional and General Service staff**  
Reason for leaving:

Total annual net income (after deduction of tax):

Description of your duties:

**Concise summary:**

**I have 32 years\* of relevant experience in the field of nuclear science and verification, including extensive international safeguards experience, acquired at the IAEA in both operations and support divisions. In particular this includes my active participation in important historical and geopolitical events (such as IAEA inspections in Iraq) and interaction with major international institutions (such as the European Commission). I am therefore convinced that I have not only the relevant qualifications for the position of Director, Division of Operations B, but also the background, experience and maturity to assume fully the responsibilities of this position, particularly bearing in mind the significant challenges that the post incumbent is likely to face. In this regard, I am confident that I can offer:**

- A strong history, coupled with stable and solid experience, of Agency Safeguards, resulting in a clear vision and high awareness of the challenges facing the department as well as its strengths.**
- Sound negotiation and communication skills necessary to assure credible safeguards implementation within signatory Member States.**
- The necessary analytical abilities and creative thinking required to act as one of the main departmental contributors to the successful elaboration of the State Level Concept.**
- The necessary experience with safeguards information technology and communications (IT) matters, combined with the structured and logical thinking and results-based approach, required to play an active role in the successful development and implementation of Safeguards One within the Integrated Safeguards Environment.**

**\*(see remarks section below for a breakdown of the referenced 32 years of experience)**

**Detailed recent history:**

**As Head of the Section for Verification Logistics (TVL) in SGTS since 2006 my role has been to manage the Section's human and financial resources and the provision of programmatic and technical guidance. The following summarizes the main functional services and activities managed by my Section :**

- Management of safeguards assets in compliance with International Public Sector Accounting Standards (IPSAS) and using AIPS;**
- Safeguards Equipment Receiving Area (SERA) including its ISO17025 accredited laboratory for the contamination monitoring of safeguards equipment;**
- Radiation Protection (including implementation of the new Agency-wide structure and regulations);**
- Safeguards Equipment Service Desk and (One Stop Shop);**
- Safeguards Shipping Office (for equipment and hazardous goods);**
- Safeguards Equipment Warehouse (for storage and stock management of equipment and supplies);**
- Coordination of Equipment Preventive Maintenance programmes;**
- Procurement Administration.**

**For additional details and, in particular, to illustrate my results-based approach, please also refer to my PRRs for the last years (these include extensive and substantial evidence of customer - i.e. safeguards inspectors' - satisfaction with my section's activities).**

**I joined the then Division of Technical Support at the time of a major departmental restructuring in December 2006 — the structural and functional changes implemented within the Division since that time have called upon me to demonstrate leadership abilities in managing human and financial resources. In this changing and challenging environment, I have been able to effect a smooth transition and maintain the efficiency of the Section's day-to-day activities through careful planning and continuously motivating and providing guidance and counselling to individual staff members and teams. This has been of crucial importance to maintain team spirit as the section has adjusted to new working arrangements and responsibilities. During this**

**period of significant change, I successfully managed to maintain an esprit de corps as well as the efficient performance of the TVL activities in the face of many challenges, both personnel-related and logistical, as well resulting from administrative changes.**

**During this period, I personally initiated many achievements, all of which were inspired by a quality management ethos and results-based approach. These included successful collaboration with NSRW\* to achieve formal ISO17025 accreditation for the Section's equipment contamination monitoring and decontamination services, and leading the creation and implementation of a 'one stop shop' concept through establishment of the Safeguard Equipment Service Desk. The Equipment Service Desk is now well established in F0101 and efficiently and effectively organizes the provision of safeguards instrumentation and other supplies/consumables to safeguards inspectors and technicians. In addition, this team arranges shipments of equipment and systems to/from member states facilities and regional offices, administers the computerised Equipment and Supplies Requisition System (ESRS) now in use throughout the Department of Safeguards and the Safeguards Equipment Warehouse at GM3 level.**

**\*(see also INF/NOT/127 - The Departments of NS and SG Promote: 'One-house' Policy for Accreditation of Laboratories).**

**During my tenure as Head of the Section for Inspection Logistics, I have actively participated in formulating the Division's input to departmental and Agency-wide strategic planning activities. In the process of planning the Section's activities as they translate to the achievement of programmatic goals, I have been instrumental in formulating input to departmental Programme and Budget submissions and been a key participant in the process of prioritizing safeguards equipment procurement by the Safeguards Equipment Coordination Sub-committee. As part of this latter process, I have succeeded in working closely with Operations Divisions to ensure the timely provision of inspection-related logistical services to a very high standard. In this regard my own personal intervention with state authorities and UNDP intermediaries achieved significant improvements in arrangements for equipment shipments to ABACC countries in the Latin American region, as well as to India and Canada. I led negotiations with ABBACC, UNDP Argentina, UNDP Brazil and local shipping agents to resolve equipment shipment issues, which resulted in significantly improved procedures for equipment shipment and handling. Since these procedures have been in force, the majority of equipment shipment problems in these regions have been resolved.**

**In my role as Section Head I contribute extensively to annual coordination meetings held with Operations Divisions to prepare the annual SGTS work plan, and also provide direct support in liaison with instrumentation officers during preparation of these plans. I also provide guidance in the updating, preparation and issuance of reports and procedures governing Divisional and departmental processes within the Quality Management System. In particular, I was instrumental in working with OIOS in the preparation of a work plan approved by the Director General's Office; which was oriented towards the improvement of Equipment Inventory Management processes within the Department of Safeguards. An initial output of this work plan is a consolidated procedure that takes into account process improvements and measures arising from External Audit and OIOS recommendations. The final version of the procedure is designed to be IPSAS compliant.**

**I have also given presentations to IAEA Regional Offices on SGTS inspection logistics activities and support and participated as an instructor in 7th Workshop on Technologies for Safeguards Inspection (Theory and Practice governing Pu Measurement of MOX Fuel) at NMCC Tokai Safeguards Center, Japan.**

**I participate actively as a member of the SGTS Management Team, attending frequent and numerous managerial meetings and workshops on the subject of technical and logistical support to Operations Divisions, both at Headquarters and in the field. In many cases I find that my vision, extensive experience and detailed technical expertise in safeguards operations has**

**assisted in my applying technical expertise to identifying and finding solutions to equipment development problems, as well as in analysing and identifying novel and innovative safeguard approaches. In this manner I have been able to make a significant personal contribution towards the overall strengthening of the global efficiency and effectiveness of safeguards implementation.**

2. Period of employment: from **April 2006** to **December 2006**  
Exact title of your post: **Senior Inspector, OC1, Division of Operations C, Department of Safeguards**  
Name and address of employer: **IAEA**  
Phone number:  
Type of business: **Nuclear Safeguards**  
Number and kind of employees supervised by you: **About 10 Professional and General Service staff**  
Reason for leaving: **Promotion to SH**  
Total annual net income (after deduction of tax):  
Description of your duties: **Implementation of safeguards in European accession states such as Romania, Hungary, Bulgaria, Poland, Slovakia, Slovenia, Malta, Cyprus, Lithuania, Latvia and Estonia, in addition safeguards application to U-enrichment in the UK, Germany and the Netherlands.**

**Took part in negotiations and discussions with state authorities on safeguards implementation and the preparation of technical and legal documents such as subsidiary arrangements and facility attachments.**

**Participated in negotiations and discussions with state authorities for the implementation and evaluation of Integrated Safeguards in particular in Hungary, Poland, Slovakia and Slovenia.**

3. Period of employment: from **August 1996** to **March 2006**  
Exact title of your post: **Acting Section Head, Unit Head and Instrument Officer, OCP, Division of Operations C, Department of Safeguards**  
Name and address of employer: **IAEA**  
Type of business: **Safeguards implementation**  
Number and kind of employees supervised by you: **About 20 Professional and General Service staff**  
Reason for leaving: **Division restructuring**  
Description of your duties: **Divisional instrumentation officer duties, technical support and management related activities**

**In addition to my main duties as Acting Section Head and Unit Head, I was responsible for assessing the needs and providing overall operational technical support for NDA, DA, and C/S equipment and systems. I ensured the availability of appropriate equipment for the division by co-ordinating the related equipment R&D and procurement processes, and also coordinated the Division's hardware/software utilization and optimization. I also participated in divisional budget preparation and managed the associated planning and allocation of funds. These activities required continuous cooperation with staff across the Department and wider Agency, as well with western and eastern European State Authorities.**

**I was closely involved with the Spent Fuel Packaging Project at the BN-350 fast breeder reactor in Aktau, Kazakhstan, contributing to preparation of the user requirements, the calibration exercise (performed at Los Alamos National Laboratory in the framework of a US Support Programme task) and acceptance tests at BN-350 of the Underwater Neutron**



**Coincidence Counter for Spent Fuel (SFCC), and the Spent Fuel Measurement and Integrated Monitoring System (MIMS - an integrated Digital Image surveillance and NDA system for data acquisition and review). I also participated in acceptance testing of the INCC software in LANL under a US Support Programme task.**

**I routinely drafted and edited divisional and departmental communications for the Division's Section Heads and the Director on various administrative and technical matters, including audit team recommendations, equipment and software development papers and other communications. I participated in the Programme Performance Assessment System (PPAS) Working Group on Instrumentation Development (whose recommendations resulted in the restructuring of SGTS) and participated in a number of seminars and workshops newly introduced in the Department, including the Cost Benefit Analysis Workshop, the Quality Management Seminar and the Anomaly Evaluation Methodology Working Group.**

**I participated extensively in equipment management and coordination activities at the departmental level. I collaborated continuously with SGTS on all aspects related to equipment, instrumentation and software management and R&D. Furthermore, in collaboration with SGOC2, SGIT and SGTS, I worked on a Satellite Communication Remote Monitoring (RM) system as part of the Safeguards Strengthening System (SSS). This team planned, tested and successfully installed the DISTCOM satellite communication system to perform remote monitoring and transmission of digital image surveillance and electronic seal data in Sosny, Belarus, Kharkov, Ukraine and Aktau, Kazakhstan.**

**Between 1993 and 2003 I was invited on several occasions by the IAEA Action Team to participate in sensitive inspections in Iraq where, in particular, I took part in the Presidential Sites Complementary Access inspection. I also participated in environmental sampling campaigns, performing Nuclear Material characterization and, verification and maintenance of continuity of knowledge on equipment and materials declared under Annex 3 of UN Resolution 687.**

**In 1996 I participated in the characterization, acceptance testing and authentication of the unattended radiation monitoring system at QS34, Sellafield, UK. I also worked with OC1, Euratom, and the operator at Gronau Enrichment Plant on the development of an authentication and validation procedure prepared for the formal acceptance of operator owned Process Load Cells for inspection use. I worked in collaboration with Operations Sections on the preparation of Safeguards Approaches and the Implementation of Safeguards in numerous complex facilities (e.g. planning and following up on the authorization for inspection use of NDA and C/S equipment for spent fuel transfers in Ignalina (Lithuania) and Chernobyl (Ukraine).**

**In parallel with my wide-ranging duties at Headquarters I carried out an extensive schedule of annual duty travel consisting of routine safeguards inspections, technical visits/meetings and special inspections. I prepared, coordinated, implemented and reported on numerous safeguards inspections (PIVs, IIVs, and Environmental Sampling campaigns etc.) at all types and sizes of facilities within SGOC's jurisdiction. Designated for all SGOC countries, I was regularly required to carry out inspections at many different facilities. I continue to monitor and personally perform, when required, quality control checks on divisional inspection reports (CIR I and CIR II), to ensure their completeness, correctness and compatibility with 90(a) and 90(b) statements.**

**In earlier years, when the Illicit Trafficking of Nuclear Materials database was maintained by the Department of Safeguards, I contributed to the coordination of safeguards activities resulting from the cases within SGOC's jurisdiction.**

**I also participated in several safeguards inspections performed in conjunction with Global Threat Reduction Initiative activities aiming to secure Highly Enriched Uranium Fuel (for example at the University of Prague, Czech Republic; Institute of Nuclear Physics, Tashkent, Uzbekistan; and, Vinca Institute of Nuclear Sciences, Belgrade, Serbia).**

4. Period of employment: from **January 1993** to **July 1996**  
Exact title of your post: **Alternate Instrumentation Officer and Safeguards Inspector, OC1 and OCP, Division of Operations C, Department of Safeguards**  
Name and address of employer: **IAEA**  
Type of business: **Nuclear Safeguards**  
Number and kind of employees supervised by you:  
Reason for leaving:  
Description of your duties: **Alternate instrumentation officer and Safeguards Inspector in western and eastern European states.**  
**I dealt with specific support of activities including the Continuous Enrichment Monitoring System (CEMO), Unattended Fuel Flow Monitors (UFFM) (e.g. CONSULHA, under the related French Support Programme task) and others. I carried out the authentication of the CEMO for the Agency. This exercise was performed in collaboration with Harwell, UK (the developer) and Euratom at Capenhurst Enrichment Plant. I carried out the initial test measurements that served as the basis for the specification as well as the installation of the UFFM in the Fast Breeder Reactor BN350 in Aktau, Kazakhstan.**  
**At the request of the IAEA Action Team I participated in the Environmental Sampling Trial held in Oak Ridge, USA in March 1994.**  
**I carried out annual duty travel (circa 110 days p.a.) consisting of routine safeguards inspections, technical visits, meetings and special inspections. I prepared for, coordinated and carried out reporting on safeguards inspections (PIVs, IIVs, and environmental sampling campaigns etc.) at various and diverse facilities under SGOC's jurisdiction.**

5. Period of employment: from **May 1987** to **December 1992**  
Exact title of your post: **Non Destructive Assay Instrumentation Specialist, Division of Equipment Development, Department of Safeguards**  
Name and address of employer: **IAEA**  
Type of business: **Nuclear Safeguards**  
Number and kind of employees supervised by you:  
Reason for leaving:  
Description of your duties: **Safeguards instrumentation development and supply. NDA software and instrument development. I was assigned to the SG-DTS and the SG-DDE sections, each for three years, where I had the opportunity to work on several projects related to NDA instrumentation R&D, software development and instrumentation control. I designed, specified, authored, tested and documented several computer systems used in the Department of Safeguards. The Seal Verification System (STR 254) was one such system used to verify more than 15,000 seals per year and to update seals files on the safeguards mainframe. This system still operates effectively. Another system is the CANDU Bundle Basket Verifier Software (STR 268) which was implemented in SGOB for two years as a prototype for the current version, which was developed by Canberra Packard Instrument GesmbH. I developed two equipment inventory control and performance monitoring systems for SGOA and SGOB. I also worked on a version of a graphics interface programme "CRIT" for the reactor criticality test system ( a prototype for the current version developed by the German Support Programme). I also contributed to the development of other systems such as equipment performance monitoring software, a bar-coding program for equipment inventory control and, an equipment request and shipping system used by SGDE for**

**inspection supply and shipment logistics. In addition, I carried out acceptance tests of NDA equipment (for instance the Pu Isotopics High Count Rate System (HCRS) developed by Silena and Canberra in Ispra, Italy).**

**In addition, I participated in the training of Safeguards inspectors on NDA equipment and techniques. I contributed regularly to inspector training courses through giving lectures and hands-on training in NDA theoretical principles and measurement techniques. In particular, I lectured at the Introductory Course on Agency Safeguards (ICAS), Advanced PU Measurement Techniques course in Sellafield, UK, the Physical Inventory Exercise in ISPRA, Italy and the Bulk Handling Facilities course in the UK.**

**I also participated in the calibration exercise for MOX Fuel Measurements of Underwater Neutron Coincidence Counters (UWCC) in SCK, Mol performed under the auspices of the Belgian Support Programme to IAEA Safeguards.**

6. Period of employment: from **January 1986** to **December 1986**

Exact title of your post: **Trainee**

Name and address of employer: **IAEA**

Type of business: **Traineeship programme**

Number and kind of employees supervised by you: **Nuclear Safeguards**

Reason for leaving:

Description of your duties:

**IAEA traineeship programme organized by the training section in the department of safeguards, consisted of:**

**-Mini-ICAS training in HQs, Vienna with comprehensive exercise in Berlin and Rossendorf, GDR.**

**-One month training in reactor physics in Prater Institute, Vienna**

**-Two months training in reactor engineering at the Austrian Nuclear Research Centre at Seibersdorf**

**-Four months training in nuclear engineering in the Belgian Nuclear Research Centre at Mol, Belgium**

If you have had more jobs, please describe them below. Also provide reasons for any overlaps of work periods:

**December 1983 to December 1985:**

**Ingénieur Stagiaire (Trainee engineer)**

**SESSIA (Societe d'Etude de Souffleries**

**Supersoniques pour l'Industrie Aeronautique),**

**4 Rue Galilee, Paris 16e, France.**

**April 1983 to June 1983:**

**Ingénieur stagiaire (Trainee engineer)**

**FRAMATOME/E.N.D.**

**Paris La défense, France**

**April 1982 to June 1982:**

**Stagiaire (Trainee)**

**FRAMATOME/E.N.D.**

**Paris La défense, France**

## **Knowledge of Languages**

What is your mother tongue? **Arabic**

Please specify other languages you know and indicate your level of knowledge by using the following keys:  
LIMITED (LIM) = Limited conversation, reading of newspapers, routine correspondence.

WORKING KNOWLEDGE (WK) = Engage freely in discussions, read and write more complex material.  
FLUENT (FL) = Speak, read and write nearly as well as mother tongue.

<u>No.</u>	<u>Language</u>	<u>Speak</u>	<u>Read</u>	<u>Write</u>
1.	<b>English</b>	<b>FL</b>	<b>FL</b>	<b>FL</b>
2.	<b>French</b>	<b>FL</b>	<b>FL</b>	<b>FL</b>
3.	<b>Arabic</b>	<b>FL</b>	<b>FL</b>	<b>FL</b>
4.	<b>German</b>	<b>FL</b>	<b>FL</b>	<b>FL</b>
5.	<b>Spanish</b>	<b>WK</b>	<b>WK</b>	<b>WK</b>
6.	<b>Russian</b>	<b>LIM</b>	<b>LIM</b>	<b>LIM</b>

### **Publications (for professional or scientific posts)**

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List any significant publications you have written:

**July 2004**

**Paolo Peerani, European Commission - Joint Research Centre; Gene Bosler, Ibrahim Cherradi, International Atomic Energy Agency; Peter Schwalbach, European Commission - Euratom Safeguards**

**Computational Calibration of Neutron Collars for the Verification of HEU Fuel Elements**

**May 2001**

**Dorel Popescu , Ibrahim Cherradi, Valerij Bytchkov, Dimitri Finker, Guy Martelle, Kenji Murakami, Zdravko Starovich, Prasom Suksawang, Jorge Vallejo Luna, International Atomic Energy Agency**

**Use of Remote monitoring in Safeguards Implementation in the NIS.**

**May 1999**

**M. APARO, S. CAUDILL, I. CHERRADI, T. DRAGNEV, J. LEICMAN, V. P. MAIROV**

**Quantitative Gamma Spectrometric Measurements of Uranium, Plutonium and MOX Materials  
ESARDA, 21st Meeting, Seville, Spain.**

**May 1999**

**A. LEBRUN, G. BIGNAN, H. MAKIL, J. L. SZABO, S. VAUBAILLON, J. ARENAS-CARRASCO, I. CHERRADI, O. HEINONEN**

**Development of IAEA Safeguards for Irradiated MOX Assemblies using Non-Destructive Assay.  
ESARDA, 21st Meeting, Seville, Spain.**

**October 1992**

**I. KOULIKOV, I. CHERRADI, R. CARCHON, H. MENLOVE, G. ECCLESTON**

**Underwater Neutron Coincidence Counters (UWCC) Calibration for MOX Fuel Measurements  
IAEA STR 268, Vienna**

**October 1992**

**I. CHERRADI, R. ARLT**

**Upgraded CANDU Bundle Basket Verifier Software.  
IAEA STR 268, Vienna**

**April 1991**

**I. CHERRADI, R. ARLT**

**CANDU Bundle Basket Verifier Software.  
IAEA STR 268, Vienna**

**January 1990**

**I. CHERRADI, B. K. BARNES**

**The Seal Verification Sytem developed in SG-DIM.  
IAEA STR 254, Vienna**

**December 1987**

**I. CHERRADI**

**Simulation Numérique Directe d'Ecoulements Gazeux par la Méthode de Monte Carlo. Application à l'étude de mélanges gazeux entre le régime continu et le régime moléculaire libre.  
Univ. de PARIS SUD, ORSAY, FRANCE**

**Sept. 1987**

**J. C. LENGAND, I. CHERRADI**

**Application de la Simulation Numérique par la Méthode de Monte Carlo Viscosité de gaz purs ou mélangés.  
LABO. D'AEROTHERMIQUE C.N.R.S., Meudon, France**

**Sept. 1986**

**I. CHERRADI, NEVE de MEVERGNIES**

**Gaseous Diffusion Simulation by the Direct Monte Carlo Method.  
Application to uranium isotope separation.  
IAEA/C.E.N. S.C.K., Mol, Belgique**

**June 1983**

**I. CHERRADI, M. de LAMARTINE, P. RAMBAULT**

**Etude Thermohydraulique et Neutronique d'un Réacteur Sous Modéré  
FRAMATOME/E.N.D.**

**June 1982**

**I. CHERRADI, J. L. LEROY**

**Etude de la Stabilité des Ecoulements Secondaires dans les Générateurs de Vapeur à recirculation  
FRAMATOME/E.N.D.**

**Office Skills (for clerical posts)**

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Please specify the speed of your typing in words per minute.

**No information about typing speed has been provided.**

List special clerical/secretarial skills you possess and any office machine or equipment you can use:

**Computer Skills**

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Please indicate and comment on your computer knowledge in the areas listed below.

When indicating your level of knowledge, use the following keys:

FAIR = limited experience.

WORKING KNOWLEDGE = regular use of the software and ability to apply it to meet the requirements of the job.

PROFICIENT = advanced user; able to perform complex tasks.

Wordprocessing: **Working knowledge**  
Spreadsheets: **Working knowledge**  
Presentation/Desktop publishing: **Working knowledge**  
Databases: **Working knowledge**

#### **SQL**

Internet: **Working knowledge**

#### **Web design packages**

E-mail/Communication: **Working knowledge**  
Programming: **Proficient**

**Fortran, Basic, Pascal, Prolog, dbase, C, C++, C-sharp**

Other software:

**PROLOG, UNIX, LINUX, MS-DOS, MS-Windows, MS .NET**

Computer hardware/Special equipment:

**Main Frame(CRAY, IBM), Apple, HP, PC**

### **Other Activities**

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List membership in professional societies and activities in civic, public or international affairs:

### **References**

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List three persons, not related to you, who are familiar with your character and qualifications. Do not repeat the names of supervisors listed in the employment record.

1. Full name: **Dr. Bruno Pellaud**  
Full address: **Konsumstrasse 20, Postfach 1021, 3000 Bern 14, Switzerland**  
Phone number: **+41 (31) 5603650; +41 (27) 4831173**  
E-mail address: **bruno@pellaud.com**  
Business or occupation: **Vice President, NUCLEAR FORUM SCHWEIZ; former DDG SG**
2. Full name: **Mr Richard Hooper**  
Full address: **3002 N E 106 th Street, Vancouver, Washington 98686, USA**  
Phone number: **+1 360 573-4650**  
E-mail address: **windriverconsulting@msn.com**  
Business or occupation: **Consultant OLA, former Dir-SGCP**
3. Full name: **Mr Mazhar Mahmood Saied**  
Full address: **22 Oskar Grisseemann-Str 16, 1220 Vienna, Austria**  
Phone number: **+43 (1) 258 32 56; +43 699 19 47 04 34**  
E-mail address: **m.saied@gmail.com**  
Business or occupation: **Former SH-SGOCP; former consultant NSNS**

### **Remarks**

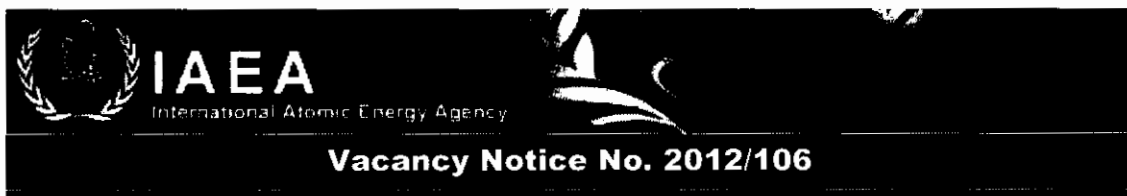
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Please provide any other information that you consider important for the evaluation of your candidature:

**As of October 2012:**

**32 years of relevant experience summary:**

- 6 years: 1980 to 1986; University of Paris, INSTN Saclay, France; Masters and PhD student in nuclear physics and nuclear engineering**
- 7 years: 1986 to 1993; IAEA, NDA specialist, SG instrumentation development**
- 10 years: 1993 to 2003; IAEA inspector, SG inspection/instrumentation officer**
- 3 years: 2003 to 2006; IAEA, Unit Head, Acting Section Head, SG inspection/instrumentation officer**
- 6 years: 2006 to today; IAEA, Section Head, verification logistics for SG inspections**



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Position and Grade:	<b>Director (D-1/D-2)</b>
Organizational Unit:	Division of Operations B Department of Safeguards
Duty Station:	Vienna, Austria
Issue Date:	13 September 2012 (re-opened on 25 January 2013)
Application Deadline:	<b>7 March 2013</b>
Type/Duration of Appointment:	<u>Fixed term</u> , 3 years (subject to a probationary period of 1 year)

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## Organizational Setting

The Department of Safeguards (SG) is the organizational hub for the implementation of IAEA safeguards. The IAEA implements nuclear verification activities for more than 170 States in accordance with their safeguards agreements. The safeguards activities are undertaken within a dynamic and technically challenging environment including advanced nuclear fuel cycle facilities and complemented by the political diversity of the countries.

The Department of Safeguards consists of six Divisions: three Operations Divisions: A, B and C, for the implementation of verification activities around the world; three Technical Divisions: Division of Concepts and Planning, Division of Information Management, and Division of Technical and Scientific Services; as well as two Offices: the Office of Safeguards Analytical Services and the Office of Information and Communication Services.

The primary focus of each Division of Operations is to perform and document safeguards verification activities and to conduct analysis and evaluations aimed at providing assurances that States comply with their nuclear safeguards commitments. The Divisions implement a broad range of measures, including information analysis and in-field verification, to draw well-substantiated, credible safeguards conclusions for States.

## Main purpose

Reporting to the Deputy Director General for Safeguards, the Operations Division Director has overall responsibility for all aspects of the implementation of safeguards in accordance with the relevant safeguards agreements and additional protocols for States covered by the Division and for the efficient and effective management of its human and financial resources.

## Role

The Director is: an *adviser and coordinator* to the Deputy Director General on issues such as strategy and policy; a *leader*, providing general strategic direction and motivating staff in the Division, promoting good performance and teamwork and creating an environment where staff can develop their skills and share knowledge and experience; a *manager* of the human and financial resources assigned to the Division.

## Partnerships

The Director engages with senior staff in the Department and within the organization on strategy and policy issues, standards, procedures, reporting monitoring, assessment and resource mobilization related to safeguards implementation issues. The Director provides authoritative guidance and engages in negotiations with counterparts in Member States and members of the IAEA's governing bodies on safeguards implementation issues.



## Functions / Key Results Expected

- Provide technical direction and leadership in the implementation of safeguards pursuant to the provisions of the safeguards agreements for which responsibility has been assigned to the Division.
- Establish implementation policies and procedures within the Division in accordance with Departmental policy and strategy.
- Review the implementation of safeguards in the Division with a view to providing the necessary guidance, and also carry out evaluation of verification activities.
- Oversee the drafting of Subsidiary Arrangements, including Facility Attachments, and lead the Division's negotiation teams.
- On behalf of the Director General, communicate to the Member States covered by the Division the results of verification activities and conclusions drawn. Serve as the responsible IAEA officer for routine communication on safeguards implementation with the Member States covered by the Division.
- Participate in the Department's senior management team for formulating safeguards policies, for strategic planning and for developing innovative approaches to strengthen the efficiency and effectiveness of the safeguards system.
- Lead and manage the human and financial resources assigned to the Division in an effective and efficient manner, including the planning and assignment of resources, the implementation of planned activities and assessment of the outcome.
- Foster the preservation and growth of knowledge within the Division and the Department.
- Promote compliance with the Departmental quality management system in the Division.

## Knowledge, Skills and Abilities

- Demonstrated ability to think strategically, to set direction and to apply a results-oriented approach. Capability for strategic and operational planning and for quality management.
- Strong analytical skills, demonstrated sound judgment in applying technical expertise to identify problems and contribute to their solution.
- Proven track record of excellent leadership and experience in managing staff and financial resources, including the ability effectively to lead and motivate large work teams in a multicultural environment.
- Creative and open-minded approach to work planning and organization.
- Skills in high level negotiation.
- Excellent presentation and communication skills, i.e., the ability to represent the Department or Division effectively, including the ability to deliver speeches in the public forum, briefings and debriefings and to conduct effective meetings with representatives of Member States and other stakeholders.

## Education, Experience and Language Skills

- Advanced university degree or equivalent in nuclear chemistry, physics, engineering or a related field.
- Minimum of 15 years of relevant professional experience at the senior level.
- Extensive international or national experience in safeguards, nuclear material safeguarding and nuclear material control or in fields of direct relevance to the above responsibilities.
- Good knowledge and understanding of the challenges facing the IAEA's safeguards system are highly desirable.
- Fluency in both written and spoken English essential. Working knowledge of another official IAEA language (i.e. Arabic, Chinese, French, Russian or Spanish) is desirable.

## Remuneration

The IAEA offers an attractive remuneration package including a tax-free annual net base salary starting at **US \$95 394** (D-1) or **US \$102 981** (D-2) (subject to mandatory deductions for pension contributions and health insurance), a variable post adjustment which currently amounts to **US \$56 855\*** (D-1) or **US \$61 377\*** (D-2), dependency benefits, diplomatic status, rental subsidy, education grant, relocation and

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Vacancy No. 2012/106 - Director (D-1/D-2)

[repatriation expenses](#); 6 weeks' annual vacation, [home leave](#), [pension plan](#) and [health insurance](#).

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*\* Subject to change without notice*

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**Applications from qualified women and candidates from developing countries are encouraged**

Applicants should be aware that IAEA staff members are international civil servants and may not accept instructions from any other authority. The IAEA is committed to applying the highest ethical standards in carrying out its mandate. As part of the United Nations common system, the IAEA subscribes to the following core ethical standards (or values): [Integrity](#), [Professionalism](#) and [Respect for diversity](#). Staff members may be assigned to any location. The IAEA retains the discretion not to make any appointment to this vacancy, to make an appointment at a lower grade or with a different contract type, or to make an appointment with a modified job description or for shorter duration than indicated above. Testing may be part of the recruitment process.

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