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Liaisons ns

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**BROOKHAVEN
NATIONAL LABORATORY**

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eCC Procedure

Laboratory personnel funded by POTAS to travel to Vienna or other foreign destinations are required to prepare a 1512 and electronic country clearance (eCC) to obtain travel authorization from DOE. This procedure (updated May 2011) explains the various steps to be taken in preparing the eCC.

POTAS (Program for Technical Assistance to IAEA Safeguards) Procedure for Electronic Country Clearance (eCC) and Foreign Travel Management System (FTMS) for Laboratory personnel and subcontractors' travel to Vienna, Austria, for work with the IAEA (International Atomic Energy Agency):

Background: Laboratory personnel funded by POTAS to travel to Vienna or other foreign destinations will be required to prepare the DOE F 551.1, Request for Approval of Foreign Travel and electronic country clearances (eCCs), to obtain travel authorization from the Department of Energy (DOE). This procedure explains the various steps to be taken in preparing the eCC.

ISPO has undertaken a campaign to educate the USSP Laboratory Coordinators to submit an eCC for POTAS travel properly.

Procedure:

1. The traveler's Laboratory should notify ISPO of the planned travel before starting the eCC, so that ISPO may confirm that the travel has been approved by the SSTS. ISPO will have to conduct an e-poll to get approval for the travel, if the travel has not been approved by the SSTS. The Laboratory may begin the eCC, if ISPO determines the travel has been pre-approved.
2. The traveler's Laboratory will enter the traveler's trip information into the DOE Foreign Travel Management System (FTMS), when the travel has been approved.
 - List all the names of other personnel on this trip (this should match the names on the eCC) in section II, #20.
 - Include the following statement with the purpose of the trip: "Funding for this travel has been approved by the SSTS under POTAS task # _____" in section III, #28. (The task number is available from the traveler or the ISPO Task Monitor.)

- Please include in your routing Michele Rabatin and Linda Sinatra (Brookhaven National Laboratory) as notify-local and Bobby Carter (NA24) as Programmatic RPSO-approver.

3. The traveler's Laboratory will prepare the eCC when:

- The traveler is the only person traveling on this trip.
- The traveler is the trip lead for the group.

Note: If an ISPO staff member is traveling on the trip, the cable will be prepared by Brookhaven National Laboratory (BNL). If you do not route the trip in FTMS to Linda Sinatra as notify-local, your traveler will not be included on the eCC.

4. When creating the eCC:

- Choose the destination country as "Austria, Unvie Vienna".
- Add all the travelers listed in the FTMS on the eCC.
- Include in the purpose of the visit "Funding for this travel has been approved by the SSTS under POTAS task#_____". (Task number is available from the traveler or the ISPO Technical Representative.)
- Choose Agency/Section/Other as "IAEA."
- POC at post: Al Queirolo.
- Submit the eCC request and add to the carbon-copy (cc) multiple email addresses of the following list of cc recipients, among any others you may have, using a semicolon (;) after each email address:

Susan Pepper pepper@bnl.gov
 Michele Rabatin rabatin@bnl.gov
 Robert Cockerham

cockerhamrs@state.gov

Jim Killian
 James.killian.contractor@dtra.gov

Kevin Veal Kevin.Veal@nnsa.doe.gov

Dan Milich Milichds@state.gov

John Smith john.smith@osd.mil

Al Queirolo queiroloa@state.gov

Santiago Aguilar ssts@nrc.gov

Bobby Carter bobby.carter@hq.doe.gov

And one of the following ISPO Task Monitors:

Ray Diaz diazr@bnl.gov

Josh Tackentien tackentien@bnl.gov

Jay Disser jdisser@bnl.gov

Jae Jo jo@bnl.gov

5. The approval process will be as follows:
- ISPO will notify the ISPO Liaison Officer, Al Queirolo, that travel has been approved for the traveler(s).
 - If the eCC needs to be revised, the Liaison Officer will not approve it and it will be sent back to the originating laboratory.
 - The US Mission Vienna will approve, or not approve, the eCC, based on the notification from ISPO. The approval will be distributed automatically to all the personnel listed as the carbon copied recipients on the eCC.

Note: It is expected there will be cases when the laboratories will not submit the eCC properly. However, the system is fail safe in that the US Mission Vienna will not approve the eCC for a traveler, unless they have been informed that the SSTS has approved the travel. If the SSTS and ISPO personnel are bypassed in the eCC submittal, the ISPO Liaison Officer will not approve the travel.

IAEA Workshop on Sealing, Containment, and Authentication Technologies

Ray Diaz

I attended a Sealing, Containment, and Authentication Technologies workshop at IAEA Headquarters from November 9 -11, 2011. The IAEA invited international vendors and institutes to demonstrate commercial off the shelf (COTS) products or prototypes with a short time to market (less than 6 months and less than \$150,000), which had the best potential to satisfy IAEA's sealing and tagging needs and other related issues.

The workshop format consisted of technology presentations followed immediately by demonstrations of the technologies, which were reviewed by a panel of sealing and containment experts. Representatives from PNNL and SRNL participated in the expert panel. Prior to the workshop, the IAEA distributed a general requirements document indicating their sealing, containment, and authentication technology needs, including an inexpensive electronic loop seal, replacement for the IAEA's metal seal, enhancement of the cobra sealing system, secure anchoring of containers and sealing wires to concrete and metal structures, remote verification of underwater seals in spent fuel ponds, monitoring of doors and gates in material balance areas, securing of cages containing accountable assets, material enclosures with embedded physical signatures that can be read from a distance, tamper indication of

unusually shaped items, protection of internals of cabinets and equipment enclosures from unauthorized access, a single light-weight computer platform for inspectors to review procedures (text, images, and videos) and to analyze data, protection of security sensitive electronics and data during shipment, an attended scale that could be remotely monitored, tracking containers with accountable items within nuclear facilities, and tracking containers with accountable items worldwide.

Representatives from the following US organizations presented technologies at the workshop:

ORNL: IR Coatings for Existing Seals, Low Cost Active Seal, Non-Intrusive Inexpensive Loop Seal, Remote Unattended Cobra Seal Verification,

LLNL: Long Range Passive RFID with Strong Encryption and Authentication,

SRNL: Attended scales that could be monitored remotely,

Aquila Technologies: Enhancement of Cobra Sealing System, Material enclosures with embedded signatures that can be read from a distance, Replacement for the IAEA's metal seal, and secure travel container,

ANL: Tracking and Monitoring Containers with Accountable Items,

Canberra and SNL: Secure Sensor Platform (SSP) Authenticated Switch.

On the final day of the workshop, expert panel members met with the IAEA. Each technology which had been presented was reviewed. A draft report was prepared. The final product of the workshop will be a prioritized list of devices or systems that the IAEA considers worthwhile for further evaluation.

USSP Annual Review Meeting and Annual Task Review

Susan Pepper

The USSP held its Annual Review Meeting and the Annual Task Review jointly this year, during the week of January 23-27. The meetings were held at IAEA Headquarters in Vienna. The SSTS, ISPO task monitors, the ISPO Liaison Office, and the ISPO Support Program Manager represented the United States at the meeting. The IAEA was represented by Division Directors, the Support Program Coordination Team, project managers, task officers, and other interested staff members. There were presentations and panel discussions on a diverse array of topics, such as the evolving safeguards system, the

planning efforts which resulted in the development of the Long Term R&D Programme for 2012-2023, the Implementation Support Programme 2012-2013, and the strategic plan for equipment development, training, the project to expand the clean laboratory and to upgrade the nuclear materials laboratory, the Network of Analytical Laboratories, the October 2011 Seals Workshop (see previous article), the Universal NDA Data Acquisition Platform, integrated analysis, and information security.

Interspersed between the topics, time was allotted for the review of USSP active tasks. This review provided the IAEA, ISPO, and the SSTS the opportunity to confirm the status of the tasks. A list of actions for the IAEA and USSP was compiled to document the actions required to ensure that the tasks progress successfully. At the beginning of the week, the U.S. delegation was given a tour of the expanded clean laboratory and nuclear materials laboratory construction site at Seibersdorf and a demonstration of the recently delivered Geospatial Exploitation System for satellite imagery analysis.

The meeting marked the 35th anniversary of the USSP, which was established on January 1, 1977. Jill Cooley congratulated the USSP on this milestone during her opening remarks and Ms. Cooley and Deputy Director General for Safeguards Herman Nackaerts presented a Certificate of Appreciation to Kevin Veal and Susan Pepper, during the reception on Thursday night.



The next task review will be held in January 2013. The next review meeting will be scheduled for later in 2013. The task review will continue to be held annually. The review meeting will be held every other year, to complement the Member State Support Program Coordinators' Meeting.

Absentee Voting

Susan Pepper

The Consular Section staff at the U.S. Embassy in Vienna can assist US citizens living in Vienna with completing the Federal Post Card Application (FPCA). The FPCA is the form needed to participate in the 2012 elections as an overseas absentee voter. The Consular Section can inform and educate you about your voting rights to ensure that you are able to exercise your right to participate in elections for federal offices (President, Vice President, Senator, and Representative) and to assist you with voting in state or local elections, if allowed by your state.

New absentee voting laws are in effect for the 2012 elections. You will no longer receive ballots automatically, based on a previous absentee ballot request. All U.S. citizens outside the United States who want to vote by absentee ballot in the 2012 primary and general elections must complete a new FPCA every year. States are required to send out ballots 45 days before an election. You may ask your local election officials to provide blank ballots to you electronically. You may confirm your registration and ballot delivery on line. Be sure to include your email address on the FPCA, in order to take advantage of the electronic ballot delivery option. This is the fastest and most reliable way to receive your ballot on time. The Consular Section recommends strongly that every overseas voter take advantage of it. Learn more at the Federal Voting Assistance Program's (FVAP) website www.FVAP.gov.

The presidential primaries are underway and will continue throughout the spring and summer. Voter registration deadlines for primaries are as early as January 3, 2012. Participation in party presidential caucuses by overseas voters is not protected by federal law and requires in person attendance in most cases. If the party you are affiliated with selects presidential nominees by caucus in your state, contact state party officials for further information.

You can obtain a FPCA at FVAP's website. An online wizard will help you complete the form and give instructions for completing it. You may drop your signed, dated, and sealed FPCA registration or ballot in the Consular Section drop box by following these instructions:

- a. Go to the Consular Section (right hand side entrance of the Marriott Hotel, Parking 12a, A-1010 Vienna) with your registration or ballot,
- b. Announce that you would like to drop off voting materials,
- c. Place the FPCA or ballot in the ballot box with the receptionist,
- d. If you wish to mail your registration to the Consular Section, please use the following mailing address:

American Embassy Consular Section (Voting)
Boltzmanngasse 16 A-1090 Vienna

USSP Social Media

Susan Pepper

ISPO is using social media to disseminate information regarding USSP activities. ISPO has a Facebook page. If you use Facebook, you can search for International Safeguards Project Office (ISPO) or go to www.Facebook.com/ISPObnl and "Like" it, to be updated on ISPO and USSP activities. ISPO will post information about events, IAEA requests, recruiting activities, and job opportunities. Twitter and Facebook will be used in conjunction with the ISPO website www.bnl.gov/ispo, to keep USSP partners and stakeholders informed.

Recruitment for the Department of Safeguards

IAEA Regular Staff Positions:

The initial duration of most regular staff positions is three years. Candidates should apply on-line at www.iaea.org. ISPO can provide assistance in tracking applications. The following positions are being advertised currently by the IAEA:

2012/023: Safeguards Information Analyst (P-3)

Division of Information Management
Application Deadline: March 28, 2012
Salary: \$86,661
Guidance: U.S. citizens are encouraged to apply.

2012/027: Section Head, Non Destructive Assay Section (P-5)

Division of Information Management
Application Deadline: April 17, 2012
Salary: \$127,318
Guidance: U.S. citizens are encouraged to apply.

Cost-Free Experts:

The initial duration of a Cost-Free Expert (CFE) appointment is two years. CFEs are employed by the IAEA with funding provided by the U.S. or another member state.

Please visit the ISPO website at www.bnl.gov/ispo, for further information and details regarding this and other postings.

11/ISI-001 – Expert – Satellite Imagery Analysts (P-4) – Jay Disser

11/ISI-002 – Expert – Satellite Imagery – Geospatial Analysts (P-4) – Jay Disser

08/IAP-004 – Expert – Information Architect (P-4) – Susan Pepper

Junior Professional Officers:

JPO positions are offered for an initial period of one year to recent college graduates, with zero to two years' working experience, who are U.S. citizens and are less than 32 years of age. The positions are offered at the P1 or P2 grade, depending on experience. Please visit the ISPO website at www.bnl.gov/ispo, for further information and details regarding these postings.