

## **NRC INTERNATIONAL TRAVEL TRIP REPORT**

### **Traveler, Office, Division, Phone Number:**

Stephen Dembek, OIP, 301-415-2342

### **Subject:**

IAEA Global Nuclear Safety and Security Network (GNSSN) Steering Committee Meeting

### **Dates of Travel and Countries/Organizations Visited:**

4/1-6/2013

### **Desired Outcome:**

Develop a plan to improve the various safety and security networks that are part of the GNSSN.

### **Results Achieved:**

The steering committee developed a work plan (attached) with specific action items for the improvement of the GNSSN.

### **Summary of Trip:**

16 senior officials from 16 countries and 10 IAEA experts participated in the 2nd GNSSN Steering Committee (SC) meeting held in Vienna on April 3-5, 2013. Meeting objective was to discuss priorities for GNSSN development in 2013 and agree on the work plan for the upcoming year.

GNSSN Scientific Secretary reported that since the 1st GNSSN Steering Committee meeting held in April 2012 total of 64 activities were conducted in regional and thematic networks under GNSSN framework with 729 participants from 69 countries. Representatives from Member States reported on their commitments for GNSSN development and described their expectations about GNSSN developments in 2013. Representatives from regional and thematic networks reported on progress in 2012 and shared ideas on how development of their networks should fit into overall GNSSN development in 2013. IAEA experts presented new developments in the area of capacity building, education and training as well as demonstrated cases for GNSSN development in 2013 based on successful examples of regional networks.

SC Members and IAEA Secretariat put together a work plan that includes 23 actions grouped by 9 issues that include sustainability of GNSSN, taking leadership in Topical Groups, progress of the IAEA Action Plan on Nuclear Safety in relation to strengthening the GNSSF, promotion of GNSSN by the IAEA, cooperation and promotion of GNSSN among stakeholders that are

currently not part of the GNSSN, promotion of GNSSN among national stakeholders, capacity building, performance of networks under GNSSN framework and registration policy for restricted areas of GNSSN and its networks.

As a result of the meeting it was agreed that in 2013 GNSSN development will center around three key topics: sustainability, leadership and visibility. SC Members agreed to hold the 3rd GNSSN Steering Committee meeting on December 5-6, 2013.

**Pending Actions/Planned Next Steps for NRC:**

See attached work plan.

**Points for Commission Consideration/Interest:**

Nothing at this time.

**Attachment:** Work Plan

## 2<sup>nd</sup> GNSSN Steering Committee Meeting

### 03-05 April, 2013

### Workplan

1	<b>Sustainability of GNSSN: Contributions from IAEA and Donors</b>	
	GNSSN is now supported by extra-budgetary contributions from EC, US NRC and US DOE that have limited time-duration. It is important to discuss mechanisms of how sustainability of GNSSN can be ensured in the long run.	
	Action	Contributor
	1.1 SC recognizes the achievements and potential of GNSSN and encourages the IAEA Secretariat to find appropriate ways (managerial, financial and manpower) to maintain sustainability of GNSSN in the long-term	IAEA
	Action Taken	
	1.1 Initiate new contract agreement with EC (18 months to prepare)	
2	1.2 Draft recommendation to IAEA Board of Governors to raise priority of GNSSN and safety networks under its umbrella	
	<b>Commitments for GNSSN Development: Taking Leadership in Topical Groups:</b>	
	<p>Global Nuclear Safety and Security Framework, for which the GNSSN is a key element, relies upon commitments from Member States to take leadership to collaborate in global topical groups aimed at enhancing nuclear safety and security infrastructure worldwide. It is important to identify key global topical groups, Member States who are willing to take leadership.</p> <p>TOR should be defined by the topical group, as well as the leadership, composition and their working mechanism. Member states nominations should be submitted by end of May 2013.</p> <p>The activities of working groups should be coordinated and if appropriate combined with other IAEA activities.</p>	
	Action	Contributor
	2.1 Topical Group on the Interface between Safety and Security, including identification and sharing of best practices, regulatory experiences, etc.	Canada (Lead), UK (tbc), US (tbc), IAEA, MS

	2.2 Topical Group on Emergency Preparedness and Response, including dissemination of emergency preparedness activities, information (crisis websites). Work should be coordinated with IEC of the IAEA.	Canada (Lead), UK (tbc), France (tbc), India, IAEA, MS
	2.3 Topical Group on Coordination for GNSSN and RegNet to support coordination between networks under GNSSN framework including review of GNSSN/RegNet activities and the structure, design, content of the website	Germany (Lead tbc), France, Spain, Pakistan, Peru, IAEA, MS
	2.4 Topical Group on Capacity Building (see item 7)	IAEA, France, Korea, MS
	2.5 Topical Group on NNRP with a responsibility to define roles and responsibilities for National Contact Points, ensure necessary training, etc.	IAEA, Germany, Spain, Pakistan, MS
	Action Taken	
3	<b>IAEA Action Plan on Nuclear Safety: Implementation Progress in Relation to Strengthening Global Nuclear Safety and Security Framework:</b>  Many important safety improvements have been completed after Fukushima accident. It is important to ensure results are made visible to the broad audience and shared between regional and thematic networks in a proper manner. The importance of capacity building activities in Member States including self-assessments and review missions should be reinforced.	
	Action	Contributor
	3.1 Single point for dissemination of information regarding implementation of the IAEA Action Plan on Nuclear Safety (put permanent link to IAEA Action Plan on Nuclear Safety on the GNSSN).	IAEA
	3.2 Single point for dissemination of information regarding national improvements in safety after Fukushima accident (use NNRP to share such information).	MS
	Action Taken	

<b>4</b>	<b>Promotion of GNSSN by the IAEA:</b>	
	Action	Contributor
	4.1 IAEA should identify opportunities to further promote GNSSN, importance of GNSSF and GNSSN should be re-iterated at global events	IAEA
	4.2 Recommend Mr Paul Woodhouse to explore the possibilities to include GNSSN in the speech delivered by DDG-NS.  Recommend Mr Paul Woodhouse to take promotional materials regarding GNSSN to the Ministerial Conference on Nuclear Power in June 2013.	IAEA
	Action Taken	
<b>5</b>	<b>Cooperation and promotion of GNSSN among stakeholders that are currently not part of the GNSSN:</b>	
	As identified in the previous SC meeting of the GNSSN, stakeholders for this global network include members of the whole nuclear community. Current development efforts focus mostly on regulatory authorities. It is important to discuss key stakeholders to reach out to in 2013 and mechanisms of collaboration.	
	Action	Contributor
	5.1 Use social media as information channel to inform public on nuclear safety related actions	IAEA
	5.2 Inform stakeholders about GNSSN	IAEA
	Action Taken	

<b>6</b>	<b>Promotion of GNSSN among national stakeholders: NNRP, SC Member role:</b> National commitments are critical to ensure GNSSN sustainability. National Contact Points are key individuals promoting use and visibility of GNSSN within a country as well as sustaining efficient cooperation with other National Contact Points, the IAEA and Partner Organizations. In this regard, roles and working mechanisms need to be effectively established.	
	Action	Contributor
	6.1 Prepare and send invitations for nominations for Contact Points (April 2013)	IAEA
	6.2 Training of Contact Points (WS on NNRP, 10-12 June 2013, and/or, if necessary, a separate training session for Contact Points)	IAEA
	Action Taken	
<b>7</b>	<b>Capacity Building</b> Capacity building is a major element in building and sustaining robust safety and security infrastructure, especially in MS embarking on nuclear power. GNSSN should take the lead to share capacity building efforts conducted nationally and regionally.	
	Action	Contributor
	7.1 E-learning modules to support training activities.	IAEA, Korea, MS
	7.2 Single place for dissemination of information to countries embarking on nuclear power (phased approach)	IAEA
	7.3 Share information about capacity building initiatives implemented in regional and thematic networks	IAEA, regional and thematic networks
	Action Taken	

<b>8</b>	<b>Performance of networks under GNSSN framework</b> Reporting and collecting feedback on GNSSN use is important to evaluate GNSSN progress and adjust activities accordingly to strengthen GNSSF.	
	Action	Contributor
	8.1 Notification about activities in networks under GNSSN framework in real time sent to GNSSN members (pilot phase to a limited contact list)	IAEA
	8.2 Periodic surveys to get feedback on GNSSN use	IAEA
	8.3 Progress report on GNSSN and its networks sent to SC members (2 weeks before 3 <sup>rd</sup> SC Meeting)	IAEA
	8.4 Mobile platform (pilot)	IAEA
	Action Taken	
	8.1	
	8.2 Create and maintain a list of activities conducted per month, including number of activities, thematic area, number of participants, number of countries participating	
	8.4 Mobile platform through which news about activities in networks under GNSSN are sent to users of networks under GNSSN	
<b>9</b>	<b>Registration policy for restricted areas of GNSSN and its networks</b>	
	Action	Contributor
	9.1 Develop GNSSN ToR	IAEA
	9.2 Task Force to develop registration policy for restricted areas of GNSSN	Pakistan, Germany, Spain, USA, IAEA

	Action Taken	