

**TECHNICAL MEETING: ANNUAL MEETING OF THE INTERNATIONAL NETWORK FOR
NUCLEAR SECURITY TRAINING AND SUPPORT CENTRES (NSSC Network)**

**Vienna, Austria
20 – 24 February 2017**

Chair's Report



**The Chair's Report on 2017 Annual Meeting of the International Network for Nuclear Security
Training and Support Centres (NSSC Network)**

**Vienna, Austria
20 – 24 February 2017**

A technical meeting on the *Nuclear Security Plan 2014-2017 – Implementation of the International Network for Nuclear Security Training and Support Centres (NSSC Network)* was held in Vienna, Austria from 20 to 24 February 2017. There were 78 participants from 57 Member States, two participants from 2 Observer organizations to the NSSC Network, as well as 10 IAEA staff.

The objectives of the meeting were:

- To discuss implementation of a vision for IAEA Activities with NSSCs and the Network;
- To reports on key NSSC Network activities in best practices;
- To introduce, demonstrate, and discuss new NSSC network information management tools;
- Hold sessions to discuss NSSC activities in various key technical areas;
- Facilitate stronger NSSC regional collaboration;
- Develop new Action Plans for the three Working Groups;
- Facilitate technical cooperation with the International Nuclear Security Education Network (INSEN) through a joint session with INSEN leadership, and;
- Make plans for the 2018 Annual Meeting.

BACKGROUND

In September 2013, the Board of Governors approved a *Nuclear Security Plan* covering the period 2014–2017¹. The objective of the IAEA Nuclear Security Plan (the Plan) is to contribute to global efforts *to achieve effective security* wherever nuclear or other radioactive material is in use, storage and/or transport, and of associated facilities, by supporting States, upon request, in their efforts to meet their national responsibilities and international obligations, to reduce risks and to respond appropriately to threats.

Effective nuclear security requires the provision of capabilities to prevent, detect and respond to a criminal or an unauthorized act with nuclear security implications, involving nuclear or other radioactive material. If the established capabilities are to remain effective, they should be developed systematically and should be self-sustained over the long-term by a State and by the competent authorities². The Plan gives particular attention to supporting States in their efforts to establish national nuclear security support centres that aim at *building-up a cadre of highly qualified and well trained nuclear security personnel* and, at *providing specific technical support* required for effective use and maintenance of instruments and other nuclear security technical systems, as well as *providing scientific support* for the detection of and the response to nuclear security events in a country.

All three components are equally important and ultimately contribute to the improvement of global and national nuclear security through reducing the risk that nuclear or other radioactive material in use, storage and/or transport could be used in criminal or unauthorized acts with nuclear security implications. Ultimately, a national nuclear security support centre assists States to meet and implement their obligations under the international nuclear security relevant legal instruments.

The IAEA Secretariat has developed a concept to establish a national nuclear security support centre that

¹ GOV/2013/42-GC(57)/19. d

² Competent authority: A governmental organization or institution that has been designated by a State to carry out one or more nuclear security functions. Example: Competent authorities include regulatory bodies, law enforcement, customs and border control, intelligence and security agencies, health agencies, etc. IAEA Nuclear Security Series No 15 Nuclear Security Recommendations on Nuclear and other Radioactive Material out of Regulatory Control, Vienna (2012).

can be applied by States according to their national needs and requirements. This concept has been rolled out successfully in several States that are willing to share their lessons learned in establishing such centres with the international community. In addition to the efforts of the IAEA, other initiatives have fostered the establishment of other centres around the world typically in different focus areas related to nuclear security.

In order to coordinate current and future efforts in States or regions to establish and maintain such centres, the IAEA organized a meeting that took place from 31 January 2012 to 02 February 2012 at which it was agreed to establish the *International Network for Nuclear Security Training and Support Centres (NSSC Network)*. The aim of this meeting is to review the status of implementation of the NSSC Network and move forward with efforts to make the Network a stronger resource for States.

OPENING

The meeting was opened by Mr Raja Raja Adnan, Director, Division of Nuclear Security, IAEA. Mr Adnan welcomed the participants to the meeting and shared some thoughts with the participants on the IAEA's programmes and activities in nuclear security, surveyed some of the NSSC Network's key accomplishments and challenges to date, and highlighted a vision of the road ahead. Mr Adnan noted several major milestones in nuclear security in 2016, including the entry into force of the Amendment to the CPPNM, and the IAEA's "International Conference on Nuclear Security: Commitments and Actions," to be held in December 2016, which has provided the IAEA with valuable input to the development of the Agency's next Nuclear Security Plan for 2018–2021. Mr Adnan commended the Network on making further progress in becoming a stronger community of practice, including through the activities of the Task Force on Development of NSSC Network Information Management Tools and through initiating a revision of IAEA guidance on establishment and operation of NSSCs. He emphasized the particular importance of the new information management tools and asked that all Network Members remain diligent in ensuring that the data on each institution is accurate and updated regularly. Lastly, Mr Adnan encouraged all participants to actively contribute to meeting and make optimal use of the Working Group Sessions, as the NSSC Network implements its new meeting schedule.

Mr Yosuke Naoi, Chair of the Network, then greeted the participants and presented the draft agenda of the meeting (see Attachment 1) for acceptance. He also outlined the points for discussion planned for the meeting on overall trends and priorities of the Network. The list of meeting participants is included as Attachment 2.

DISCUSSIONS AND FINDINGS

Following the opening and welcoming remarks from key meeting participants and guests, Mr James Conner of the IAEA Division of Nuclear Security then offered an historical review of the IAEA's activities related to NSSCs, noted achievements and ongoing efforts for improvement in the NSSC Network, laid out activities and next steps underway by the IAEA Secretariat and the Network Members to enhance the Network as a stronger tool for the States and the Agency, and introduced several new e-Learning modules recently developed by the IAEA. The chairs of Working Groups A, B, and C briefed the members on the status of the implementation of the 2016 - 17 Action Plans.

Presentation reports were then delivered by select Network members on key NSSC activities in the area of best practices. The Chair and Vice Chair of Working Group B presented a summary of the "Presentation on NSSC Session at December 2016 "International Conference on Nuclear Security: Commitments and Actions," noting key outcomes from a technical session hosted on NSSCs at the conference. The presentation also highlighted successful development and deployment of a NSSC Network exhibit booth at the Conference. The next presentation provided a report from the first Consultancy Meeting on Revision of TECDOC 1734, held 15 – 17 February 2017. The Network members were provided with the agreed drafting schedule for the revision and encouraged to contribute, as appropriate, through development of the new Working Group action plans. Lastly, the World Institute for Nuclear Security (WINS) presented on a draft ISO 29990 Implementation Guide, developed

as part of Working Group B.

During an interactive plenary session, members of the Task Force for Development of NSSC Network Information Management Tools introduced and demonstrated the new NSSC network information management tools to the Network. The IAEA gave NSSC Network members in attendance a live demonstration of the new common calendar and NSSC database, which are both ready for use by the Network. This session also included time allocated for facilitators from the Task Force to assist Network Members with populating the Calendar and Database during the meeting. To close the first day of the meeting, Network members presented on experiences with effective evaluation of training programmes in nuclear security.

On the second day, the Network held a series of plenary sessions to discuss NSSC activities in various key technical areas. The first session offered perspectives from Indonesia, France, and Russia on their respective NSSC Activities in physical protection, as well as a brief presentation from the IAEA on the upcoming International Conference on Physical Protection of Nuclear Materials and Nuclear Facilities, to be held in Vienna in November 2017. The IAEA then kicked-off and facilitated a subsequent session on NSSC Activities in nuclear material accounting and control, with an emphasis on regional collaboration, with presenters from Japan, China, and the Republic of Korea. In the afternoon, the focus of the meeting turned to plenary sessions on technical and scientific support. The IAEA, USA, and Egypt all shared best practices and experiences in establishing and maintaining NSSC labs and testbeds. In the day's final session, participants from Hungary, Pakistan, and Indonesia offered reflections on NSSC technical exchange opportunities, fellowships and research assignments.

Day three started with a valuable interactive HRD session focused on NSSC experience conducting exercises and interagency training, facilitated by the IAEA. Lithuania, Malaysia, and Kenya all offered unique perspectives on joint exercises and training courses they led in 2016 in cooperation with neighbouring countries in their respective regions. To close the morning's session, the NSSC Network leadership held a plenary panel discussion with the leadership of INSEN, to receive an update on the INSEN Work Plan for 2017 – 18 and to follow-up on the establishment of NSSC – INSEN Ad Hoc Groups in 2016. The NSSC Network identified further volunteers to participate in each Ad Hoc Group and agreed to begin sharing information following the meeting to develop proposals for joint activities and areas of common interest within each Group's thematic focus.

The afternoon was dedicated to regional breakout sessions, in which members of each region reviewed initial data in the NSSC calendar and database and conducted preliminary functionality tests of these tools. Each group then presented the results of these discussions in a plenary session. Regional groups included Asia and the Pacific, Africa and the Middle East, Latin America, North America, and Europe. Summaries of these reports can be found in the NUSEC Portal 'Annual Meeting 2017' page. The day closed with a plenary discussion on how best to facilitate stronger NSSC regional collaboration within the Network.

To start the fourth day of the meeting, the IAEA and the Network Chair and Vice Chair led a discussion session with the meeting participants to conduct a plenary review and analysis of initial data in the NSSC network information management tools. The feedback on these tools provided by Network Members at the meeting was positive and the Secretariat complemented the Network on working actively to input a large amount of data into these tools during the course of the meeting. Both the Secretariat and the Network Members identified interesting trends and recommendations for further analysis of the data uploaded into these tools and set a target for completing the first phase of data entry by the NSSC Network Leadership Meeting planned for the last week of July 2017. In the following plenary session, the New 2017 – 18 Network Chairs and Vice Chairs were presented to the Network. The remainder of day four was dedicated to the Working Group Breakout Sessions, in which the 2017 – 18 Action Plans were developed. The 2016 – 17 WG Action Plans are available in Attachment 3 to this report.

On the final day of the meeting, each Working Group Chair and Vice Chair presented the new working group action plans for the coming year. The Network Chair then led a wrap-up session to get feedback from participants and to discuss NSSC Network priorities. Japan made a formal presentation in this session, offering to host the 2018 NSSC Network Annual Meeting in Tokai-mura, Japan. China also expressed interest in hosting the Annual Meeting. The Network Members and the Secretariat discussed this issue and determined that further consultations were necessary before reaching a decision. The Secretariat agreed to notify the Network Members in writing of the outcomes of these consultations as soon as possible.

All presentations and related reference materials from this meeting are available for download on the *Nuclear Security Web Portal/User Group NSSC*.

CONCLUSION

The meeting having successfully completed its objectives, Mr James Conner of the IAEA thanked the participants for their fruitful discussions and contributions and closed the meeting.

The meeting was adjourned at 12:00 on Friday, 24 February 2017.

NSSC NETWORK ANNUAL MEETING
20 – 24 February 2017
M Building Press Room, IAEA Headquarters, Vienna, Austria



International Network for
Nuclear Security Training
and Support Centres
NSSC Network

Monday, 20 February 2017

- 09:30 – 09:40 **Opening remarks**
Mr Raja Raja Adnan, Director, Division of Nuclear Security, IAEA
- 09:40 – 09:50 **Presentation of meeting objectives, adoption of the agenda**
Mr Yosuke Naoi (JAEA/ISCN), Japan, Network Chair
- 09:50 – 10:15 **Progress in IAEA Activities with NSSCs and the Network**
Mr James Conner, Division of Nuclear Security, IAEA
- 10:15 – 11:00 **Status Updates from the Working Group Chairs/Vice Chairs**
- 11:00 – 12:30 **Reports from Key NSSC Network Activities in Best Practices**
- Presentation on NSSC Session at December 2016 “International Conference on Nuclear Security: Commitments and Actions.” *Ms Franca Padoani (ENEA), Italy; Ms Beth Kaboro (RPB), Kenya*
 - Report from CM on Revision of TECDOC 1734. *Mr Luiz Fernando Bloomfield Torres (CNEN), Brazil*
 - ISO 29990 Implementation Guide. *Mr Dan Johnson, WINS*
- 12:30 – 13:30 Lunch Break**
- 13:30 – 15:00 **Introduction to and Demonstration of NSSC Network Information Management Tools***
Facilitators: Mr Inamul Haq (PIEAS), Pakistan; Mr Aleksejus Livsic (NSCOE), Lithuania; Mr Linwood Livingston (PNNL), USA; Mr Zsolt Stefanka (HAEA), Hungary, Mr James Conner (IAEA); Ms Bidan Zhu (IAEA)
- NSSC Common Calendar
 - NSSC Database
- *This Session includes time allocated for facilitators from the Task Force to assist Network Members with populating the Common Calendar and NSSC Database during the meeting.
- 15:00 – 15:30 Break**
- 15:30 – 17:00 **Plenary Session: HRD – Effective Evaluation of Training Programmes in Nuclear Security**
Facilitator: Mr Michael Beaudette (CNSC), Canada
- *Mr Ernesto Aris Azcuy Carrillo (AGR), Cuba*
 - *Mr Linwood Livingston (PNNL), USA*
- 17:30 – 19:30 Reception**
VIC Restaurant – Mozart Room

Tuesday, 21 February 2017

- 09:00 – 10:30 **Plenary Session: NSSC Activities in Physical Protection**
Facilitator: Ms Nancy Peterson, (DOE/NNSA), USA

Attachment 1: Meeting Agenda

- International Conference on Physical Protection of Nuclear Materials and Nuclear Facilities. *Mr Ken Brooks (IAEA)*
- BATAN-JAEA FTC on Design and Evaluation of PPS for Nuclear Material and Nuclear Facilities. *Mr Sudi Ariyanto (BATAN) and Mr Lukman Hakim (BAPETEN), Indonesia*
- *Mr Pierre Funk (IRSN), France*
- IAEA – Rosatom GNSSI: Brief History of Successful Years of Cooperation. *Mr Andrey Kuskov (GNSSI), Russia*

10:30 – 11:00

Break

11:00 – 12:30

Plenary Session: NSSC Activities in Nuclear Material Accounting and Control

Facilitator: Mr Robert Larsen, IAEA

- *Ms Reina Matsuzawa (JAEA/ISCN), Japan*
- *Mr Zhenhua Xu (SNSTC/COE), China*
- *Mr Hyunchul Kim (KINAC/INSA), Republic of Korea*

12:30 – 13:30

Lunch Break

13:30 – 15:00

Plenary Session: Technical Support – Establishing and Maintaining NSSC Labs and Testbeds

Facilitator: Ms Musna Assi (LAEC), Lebanon

- *Mr Tufail Ahmad, IAEA*
- *Ms Patricia O'Brien (DOE/NNSA), USA*
- *Mr Walid Ibrahim Zidan Mohamed (ENRRRA), Egypt*

15:00 – 15:30

Break

15:30 – 17:00

Plenary Session: Scientific Support – Technical Exchange Opportunities, Fellowships and Research Assignments

Facilitators: Network Chair and Vice Chair

- IAEA Residential Assignment Program to Nuclear Forensics. *Ms Eva Kovacs-Seles (MTA-EK), Hungary*
- *Mr Inamul Haq (PIEAS), Pakistan*
- *Mr Hendig Winarno (BATAN), Indonesia*

Wednesday, 22 February 2017

09:00 – 10:30

Plenary Session: HRD – Exercises and Interagency Training

Facilitator: Ms Stacy Mui, IAEA

- Regional training course and exercise on detection of and initial response to the trafficking of nuclear and radioactive materials across borders. *Mr Aleksejus Livsic (NSCOE), Lithuania*
- Malaysia – Thailand Cross-border Exercise. *Ms Monalija Kostor (AELB), Malaysia*
- Training of Trainers on Chemical, Biological, Radiological, Nuclear and Explosive (CBRNe). *Ms Beth Kaboro (RPB), Kenya*

10:30 – 11:00

Break

11:00 – 12:00

Panel Discussion with INSEN Leadership

Facilitators: NSSC Network Chair and Vice Chair

- Update on INSEN Work Plan for 2017 – 18
- Follow-up on NSSC – INSEN Ad Hoc Groups

Attachment 1: Meeting Agenda

12:00 – 13:00 **Lunch Break**

13:00 – 14:30 **Regional Breakout Sessions**
Asia Pacific – Room MOE27
Africa and Middle East – Front of Press Room
Europe – Back of Press Room
Latin America – Room MOE26
North America – Room MOE24

14:30 – 15:00 **Break**

15:00 – 16:00 **Plenary Reports from Regional Breakout Sessions**

16:00 – 17:00 **Panel Discussion: Facilitating Stronger NSSC Regional Collaboration**
Panelists: WGA Vice Chair, NSSC Network Chair and Vice Chair, Mr James Conner (IAEA)

Thursday, 23 February 2017

09:30 – 10:30 **Plenary Review and Analysis of Initial Data in NSSC Network Information Management Tools**

10:30 – 10:45 **Presentation of New 2017 – 18 Network Chairs and Vice Chairs**

10:45 – 11:00 **Break**

11:00 – 12:30 **Working Group Breakout Sessions**
Discuss 2017 - 18 Work Plans

- Continuation/modification of existing actions
- Identification and adoption of new tasks
- Assigning of responsible officers and timelines

Working Group A – Press Room
Working Group B – Room MOE27
Working Group C – Room MOE26

12:30 – 14:00 **Lunch Break**
NSSC Bureau to Meet for Working Lunch – Location TBD

14:00 – 15:30 **Working Group Breakout Sessions (Continued)**

15:30 – 16:00 **Break**

16:00 – 17:00 **Working Group Breakout Sessions (Wrap-up)**

Friday, 24 February 2017

9:00 – 10:00 **Plenary Presentation of 2017 – 18 Working Group Plans**
Chairs/Vice Chairs of Working Groups A, B and C

10:00 – 10:30 **Discussion on NSSC Network Priorities and Preparations for 2018 NSSC Network Annual Meeting**
Facilitators: NSSC Network Bureau

Attachment 1: Meeting Agenda

10:30 – 11:00	Break
11:00 – 11:30	Chair's Report <i>Network Chair</i>
11:30 – 12:00	Final remarks and closing of the meeting <i>Mr Tim Andrews, Section Head, Programme Development and International Cooperation, Division of Nuclear Security, IAEA</i>
12:00	Adjourn

Attachment 2: List of Participants

Available on the NSSC Network user page at NUSEC.iaea.org.

Attachment 3: NSSC Network Working Group Action Plans 2017 - 18

2017 - 18 Action Plan: Working Group A

No.	Task	Task Leader(s)	Due Date / Status
1.	Increasing NSSC Network coordination and collaboration with INSEN	IAEA Secretariat and WG A Chair/Vice Chair	July 2017/
1.1	Define objectives and proposed activities for NSSC/INSEN agreed joint ad hoc groups on HRD, PDCs, Nuclear Security Culture, and CRPs, Prepare proposals to NSSC leadership and INSEN	IAEA Secretariat WG A Chair/Vice Chair INSEN leadership Ad hoc group volunteers	July 2017/
2.	Continue participation in Task Force Activities – Management tools and TECDOC revision	WGA Chair/Vice Chair	February 2018
2.1	Analyze results of management tool data in coordination with WGC based on: <ul style="list-style-type: none"> - Gap analysis - Data quality assurance - Periodically check the status of database - Improve communication within the network members via emails 	WGA and WGC Chair / Vice Chair NSSC Network Chair / Vice Chair	Ongoing; to be updated until July 2017
3	Promotion of collaboration within NSSC network members	WGA Chair / Vice Chair	February 2018
3.1	Promoting (with the IAEA) possible technical exchange and scientific visits among NSSC Experts/Specialists on regional/international basis	IAEA Secretariat WGA Chair / Vice Chair	February 2018
3.2	Discuss with IAEA and NSSC members how to implement Train the Trainer activities on a national/regional/international basis	IAEA Secretariat WGA Chair / Vice Chair	February 2018
3.3	Facilitate the efforts by NSSC members to organize themselves into Regional focused discussions/groups: Appoint Facilitator /Coordinator for NSSC members in each region Establish a pilot regional discussion group on the basis of the NUSEC portal (Latin-America) Establish a pilot WG A discussion group on the basis of the NUSEC portal Pilot workshop in the Latin-America region on promoting the use of the NSSC database	WGA Chair / Vice Chair NSSC Network Chair / Vice Chair/regional facilitator	Feb 2018/ Ongoing
4	Develop action Plan based on the results of the analyzes of previous breakout sessions (2016, 2017)	WGA Chair, Vice Chair	July 2017
5	Explore possible collaboration with other initiatives	NSSC Chair	Ongoing
5.1	Analyze the needs of the NSSC Network from the new database and prepare to share the information based on approval of network members with other initiatives such as Global Partnership	NSSC Chair/ WGA Chair	Ongoing July 2017
5.2	Establish information sharing mechanism, based on approval of network members	NSSC Network Chair	Ongoing
5.3	Consider joint activity with Global Partnership and other initiatives, based on results of 5.1 and 5.2	NSSC Network Chair / Vice Chair	Ongoing

Attachment 3: NSSC Network Working Group Action Plans 2017 - 18

2017 - 18 Action Plan: Working Group B

No.	Task	Task Leader(s)	Due Date / Status
1	CONTINUE DEVELOPING LESSON LEARNED CASE STUDIES FOR DISCUSSING AND DOCUMENTING BEST PRACTICES		
	a. Conduct second set of case studies on the establishment and implementation of the NSSC <ol style="list-style-type: none"> 1. "Distributed NSSC" 2. NSSC and synergy of international cooperation and support, e.g. IAEA and EU CBRN Initiative 	<ol style="list-style-type: none"> 1. Brazil 2. Algeria 3. Pakistan <ol style="list-style-type: none"> 1. Philippines 	Status report: Feb '17 COMPLETE Final report: June 2017 Present: Plenary Feb. 2018 Plenary 2018
	b. Gather feedback regarding WGB case studies from other Network members <ol style="list-style-type: none"> 1. Develop short questionnaire (using prior survey as baseline) 2. Send to NSSC Member States with database status of "planned" NSSC 	Chair/Vice Chair U.S. (DOE) Chair/Vice Chair	Ongoing Questions to WG B in March, comments of WG B back by April Send to Planned NSSC States
2	REVISE TECDOC 1734		
	a. Continue CM for revising TECDOC 1734 (If authorized by IAEA), also following recommendations of June 2016 CM	IAEA/NSSC network	CM1: Q1 2017 Ongoing
	b. General <ol style="list-style-type: none"> 1. Structure 2. Assessment Matrices and Analysis Send draft structure for Tech Doc, agreed to at 2017 Q1 CM, to WG B for comments/ideas 3. Coordination with Stakeholders and Analysis of Needs and Resources 	<ol style="list-style-type: none"> 1-2. US (DOE), [ROK, Ghana, Pakistan?] 2. Chair/Vice Chair 3. Canada/ WINS Others? 	CM1: Q1 2017 2.b.1: COMPLETE 2.b.2: Send in April to WG B members; comments due back mid-May 2.b.3: In process
	c. New Sections on Technical Support and Scientific Support as part of TECDOC 1734, with annexes, following recommendations of the June 2016 CM <ol style="list-style-type: none"> 1. Ensure establishment, Implementation, Training, Tech Support, etc. are covered equally in main document 2. Annexes can provide details and best practices for each section of the TECDOC 3. Utilizing the current set of case studies (as of Q1 2017), develop model NSSC institutional structures (e.g.: centralized/dedicated, distributed, shared, virtual, or use of NSSC Network if no State NSSC) 	US (DOE), [Pakistan, Malaysia, Ukraine?] Others? 3. U.S. DOE/Chair (draft); WG B (review)	CM1: Q1 2017 2.c.1: COMPLETE 2.c.2: CM responsibility 2.c.3: Send in mid-May to WG B; comments due back end-June
3	COLLECT AND ANALYZE CASE STUDIES ON NUCLEAR SECURITY TRAINING SYSTEM		
	a. Finalize the template	US (DOE)	Feb 2017 COMPLETE
	b. Conduct case studies on different nuclear security training systems using the template	Indonesia? Cuba? Russia?	Mid-July 2017 to WG B Chair/Vice Chair TBD: Present at Plenary Feb. 2018
4	DOCUMENT AND PRESENT "IMPLEMENTATION GUIDANCE ON ISO 29990"	WINS	Feb 2017
	a. Present example of implementation of ISO 29990 Certification	Mexico, Canada, WINS	Plenary Feb. 2018
5	FINALIZE PAPER ON BEST PRACTICES ON STAKEHOLDER COORDINATION AND CONSULTATION	Canada, WINS	Feb 2017 COMPLETE (Follow on actions in

Attachment 3: NSSC Network Working Group Action Plans 2017 - 18

			2.b.3)
6	EVALUATE UTILITY OF MODIFYING ELEMENTS OF THE NUCLEAR SECURITY CULTURE SELF ASSESSMENT (NST 26) FOR EFFECTIVENESS OF NSSCS	Indonesia, Nigeria, U.S. (DOE)	December 2017 Report out at 2018 NSSC Meeting
7	BEST PRACTICES IN COMMUNICATION BETWEEN CENTERS		
	a. Develop a model guideline for technical exchange between similar types of NSSCs to share experiences and lessons learned, in particular between existing and planned NSSCs (Coordinate with WG A; WG B to support as needed – Georgia)	WG A Support – Georgia (WG B)	Mid-July (WG A/B coordination)
8	COLLECT AND ANALYZE CASE STUDIES ON NUCLEAR SECURITY TECHNICAL AND SCIENTIFIC SUPPORT MANAGEMENT SYSTEMS		
	a. Case Study Outline (use results of July Tech Doc CM)	U.S. (DOE), Canada, Hungary	December 2017
	b. Conduct case studies on different nuclear security training systems using the template	TBD	TBD
9	CONDUCT BEST PRACTICES REVIEW (E.G.: LITERATURE) OF DEFINITION OF TRAINING AND EDUCATION, AS RELATED, BUT DISTINCT DISCIPLINES, FOR BENEFIT OF NSSC AND INSEN NETWORK COOPERATION Review IAEA publications in other areas (safety, energy, etc.) Review other industries (aerospace, adult occupational/vocational training)		
	a. Present initial concept for review at INSEN annual meeting and coordinate with NSSC/INSEN Ad Hoc groups (HRD, PDCs)	WG B Chair/Vice Chair (with input from below)	July 2017
	b. Compile final joint review results for INSEN and NSSC	INSEN, WINS, U.S. (DOE), Canada, China	December 2017 Present at 2018 NSSC Meeting

Attachment 3: NSSC Network Working Group Action Plans 2017 - 18

2017 - 18 Action Plan: Working Group C

Action	Responsible Officer	Due Date	Comments
1. Issues to connect to NUSEC portal. Follow-up with the IAEA. - Approve the user guide already submitted to the IAEA in October 2016 by Group C.	IAEA WG C	July 2017	-The user guide is completed and it is awaiting clearance from IAEA. WG C chair/vice chair will liaise with NSSC Scientific secretary. Hopefully the final version will be ready before July 2017 Leadership meeting.
2. Promotion of the Common Calendar and the Database for NSSC -Encourage Updates from POCs on NSSC activities through different tools e.g. regular email to prompt members to refer to the portal for updates on network activities, or notify members to update their organization pages	IAEA WG C	On going	Now the common calendar and the database are functional on the NUSEC portal for all network members. <u>WG chair/vice chair</u> need to contact IAEA on the tools to use in order to encourage NSSC members to input their activities. - <u>WG C Vice chair/ chair</u> will remind NSSC-IAEA to send regular emails to all NSSC members. The email should make the network members curious about that activity.
3. Enhancement of the Common Calendar and the Database for NSSC -Suggest refinement of the fields in the database -Test the functionality of the database -Provide some beneficial links to some concepts in the help file e.g. the definition of the nine thematic security areas	IAEA WG C	July 2017	WG C members will work bi-monthly to test the functionality and the contents of the database. They will report any suggestions to the WG Chair
4. Awareness and promotion of NSSC network among relevant stakeholders. - Video Presentation of the Portal by NSSC Network Chair - Prepare a promotional poster of the NSSC network - Distribution of material (badges, newsletter, poster, etc...)to network members for their NSSCs, members states, relevant stakeholders, during Training courses, meetings etc	IAEA WG C	July 2017 February 2018 When available On going	- <u>WG C</u> chair/vice chair will contact IAEA for video presentation of NUSEC portal. IAEA will prepare the script for this video -WG C chair/vice chair will follow-up with the scientific secretary of the network on the feasibility of preparing this poster. If approved, WG C members will prepare this poster -WG C (Mr. Inamul Haq, Pakistan) will keep on preparing newsletters in due time
5. Development of a new Ad hoc survey questionnaire of NSSC Network	IAEA WG C vice chair/Chair	May 2017	-WG C will prepare during this meeting a draft for this questionnaire which will be finalized by end of May 2017.
6. Initiation the second phase of the NSSC network database	IAEA WG C vice chair/Chair	TBD	- <u>IAEA</u> needs to arrange a meeting of the task force in 2017 to implement the second phase of the database. -The result of item number 5 will be used as an input for the

Attachment 3: NSSC Network Working Group Action Plans 2017 - 18

			implementation of the second phase of the database
7. Analysis of the data in the database and come up with new analysis criteria needed	WG C	May 2017	-WG C will point out analysis possible through the present database and come up with other analysis ideas. The output could be suggested to the task force prior their upcoming meeting to serve in the second phase of the development of the database
8. Collaboration with Group A on creation of a mechanism for cooperation between NSSC and INSEN on exchanging of training resources and also between two NSSC network members	IAEA INSEN vice chair/Chair NSSC vice chair/Chair WG A vice chair/Chair WG C vice chair/Chair Adhoc PDC	On going	-NSSC network members' need for their training programs some resources (material and experts) available at INSEN, and INSEN network members' need other resources available at NSSC (laboratories and professional experts)
9. Assistance of NSSC network members to share training courses' material	IAEA	February 2018	-Prepare a page to provide a platform on NUSEC to upload and exchange information -WG C vice chair/Chair will promote this page during February 2018 meeting