

1540 COMMITTEE MATRIX OF PAKISTAN

The information in the matrices originates primarily from national reports and is complemented by official government information, including that made available to inter-governmental organizations. The matrices are prepared under the direction of the 1540 Committee.

The 1540 Committee intends to use the matrices as a reference tool for facilitating technical assistance and to enable the Committee to continue to enhance its dialogue with States on their implementation of Security Council Resolution 1540.

The matrices are not a tool for measuring compliance of States in their non-proliferation obligations but for facilitating the implementation of Security Council Resolutions 1540 (2004), 1673 (2006), 1810 (2008) and 1977 (2011). They do not reflect or prejudice any ongoing discussions outside of the Committee, in the Security Council or any of its organs, of a State's compliance with its non-proliferation or any other obligations. Information on voluntary commitments is for reporting purpose only and does not constitute in any way a legal obligation arising from resolution 1540 or its successive resolutions.

OP 1 and related matters from OP 5, OP 6, OP 8 (a), (b), (c) and OP 10

State: **Pakistan**
 Date of Report: **27 October 2004**
 Date of First Addendum: **19 September 2005**
 Date of Second Addendum: **3 June 2008**
 Date of Third Addendum: **27 August 2010**

Date of Committee Approval

Legally binding instruments, organizations, codes of conduct, arrangements, statements and other issues.		YES	if YES, relevant information (i.e. signing, accession, ratification, etc)	Remarks (information refers to the page of the English version of the national report or an official web site)
1	Nuclear Non-Proliferation Treaty (NPT)			
2	Nuclear Weapons Free Zone/ Protocol(s)			
3	Convention for the Suppression of Acts of Nuclear Terrorism			
4	Convention on Physical Protection of Nuclear Material (CPPNM)	X	Deposited 12 September 2000	

5	2005 Amendment to the CPPNM			
6	Comprehensive Nuclear-Test-Ban Treaty (CTBT) (not in force)			
7	Chemical Weapons Convention (CWC)	X	Deposited 28 October 1997	
8	Biological Weapons Convention (BWC)	X	Deposited 25 September 1974	
9	Geneva Protocol of 1925	X	Deposit 13 April 1960	
10	Other Conventions/Treaties	X	State party to 11 of the 19 universal legal instruments against terrorism, including the following relevant to resolution 1540 (2004): 1997 International Convention for the Suppression of Terrorist Bombings 1999 International Convention for the Suppression of the Financing of Terrorism The SAARC Regional Convention on Suppression of Terrorism and its Additional Protocol. Convention on assistance in case of a nuclear accident or radiological emergency. Convention on nuclear safety. Treaty on principles governing the activities of states in the exploration and use of outer space. India-Pakistan Agreement on Non-Attack on each other's nuclear installations.	
11	International Atomic Energy Agency (IAEA)	X	Since 2 May 1957	
12	Hague Code of Conduct (HCOC)			
13	Other Arrangements	X	Participation in the Global Initiative to Combat Nuclear Terrorism (GICNT) - June 2007 Participation to the Container Security Initiative (CSI) Signed Declaration on Implementation of the World Customs Organization (WCO) 2005 Framework of Standards to Secure and Facilitate Global Trade (SAFE Framework of Standards)	
14	General statement on non-possession of WMD	X	State reported that it does not possess CW and BW.	
15	General statement on commitment to disarmament and non-proliferation	X	State reported that it declares its strong commitment to the objectives of disarmament and non-proliferation.	
16	General statement on non-provision of WMD and related materials to non-State actors	X	State reported that it fully supports appropriate and effective measures to prevent non-state actors from gaining access to weapons of mass destruction and their means of delivery.	
17	Other ¹	X	WCO WHO OIE	

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1. Including, as appropriate, information with regard to membership in relevant international, regional or sub-regional organizations.

OP 2 - Nuclear Weapons (NW), Chemical Weapons (CW) and Biological Weapons (BW)

Does national legislation exists which prohibits persons or entities to engage in one of the following activities? Can violators be penalized?		National legal framework				Enforcement: civil/criminal penalties and others				Remarks
		YES			if YES, source document of national implementation law	YES			if YES, source document	
		N W	C W	B W		N W	C W	B W		
1	manufacture/produce	X	X		NW: The Pakistan Arms Ordinance 1965 as amended, Section 3 (Definition-Arms/Cannon) and 29. Arms Act 1878, Section 5 (Unlicensed manufacture or conversion prohibited.---No person shall manufacture or convert any arms, ammunition or military stores, except under a licence and in the manner and to the extent permitted thereby.) PNRA Ordinance 2001as amended, Section 19 (1) (a): No person shall, unless he is exempted as may be prescribed by regulations, or unless he is the holder of a license issued by the Authority ... acquire, design, manufacture, construct, install or operate any device that contains any radioactive material or produce ionizing radiation ...) CW: Chemical Weapons Convention Implementation Ordinance - 2000, Ordinance No. LIV of 2000 (CWCIO No. LIV of 2000), Sections 3, 4 and 5.	X	X		NW: Arms Act 1878, Section 19. The Pakistan Arms Ordinance 1965 as amended, Section 13. PNRA Ordinance 2001as amended, Section 44 (1). National command Authority Act 2010, Section 12 CW: CWCIO No. LIV of 2000, Sections 3, 4 and 5.	
2	acquire	X	X		NW: PNR Authority Ordinance 2001, Section 19 (1) (a). Pakistan Arms Ordinance, 1965, Section 16. CW: CWCIO No. LIV of 2000. Sections 3 and 5.	X	X		NW: PNR Authority Ordinance 2001, Section 44 (1). Pakistan Arms Ordinance, 1965, Section 16. National Command Authority Act 2010, Section 12. CW: CWCIO No. LIV of 2000. Sections 3 and 5.	

7	transfer	?	X		<p>NW: PNRA Ordinance 2001 as amended, Section 19 (1) (c): (nuclear substance).</p> <p>CW: CWCIO No. LIV of 2000, Sections 3, 5 and 6.</p>	?	X		<p>NW: PNRA Ordinance 2001as amended, Section 44 (1). National command Authority Act 2010, Section 12.</p> <p>CW: CWCIO No. LIV of 2000, Sections 3, 5 and 6.</p>	
8	use	X	X	X	<p>NW/CW/BW: Anti-Terrorism Act 1997, as amended, Sections. 2. bb and 6 (3): (definition of weapon specifically refer to chemical and biological, and nuclear is covered through “illicit weapon” as defined in Surrender of Illicit Arms 1991). Protection of Pakistan Act 2014, Section 2 (k) and (l); Schedule: Scheduled offence (1) (ii).</p> <p>NW: PNRA Ordinance 2001 as amended, Section 19 (1) (a): (operate).</p> <p>CW: CWCIO No. LIV of 2000, Sections 3 and 5.</p> <p>BW: Penal Code, Section 270.</p>	X	X	X	<p>NW/CW/BW: Anti-Terrorism Act 1997, as amended, Sections 6 (1999) and 7. Anti-Terrorism (Amendment) Act II of 2005, Articles 3-9 and 11: increases penalties. Protection of Pakistan Act 2014, Section 16</p> <p>NW: PNRA Ordinance 2001 as amended, Section 44 (1). National command Authority Act 2010, Section 12.</p> <p>CW: CWCIO No. LIV of 2000, Sections 3 and 5.</p> <p>BW: Penal Code, Section 270.</p>	
9	participate as an accomplice in abovementioned activities	X	X	X	<p>NW/CWBW: Anti-Terrorism Act 1997, as amended Sections. 2and 21-C, I and J.</p> <p>CW: CWCIO No. LIV of 2000, Section 3(d).</p>	X	X	X	<p>NW:CW:BW: Anti-Terrorism Act 1997, as amended, Sections. 7and 21-C, I and J. Anti-Terrorism (Amendment) Ordinance 2005, Articles 3-9 and 11 (increases penalties). Penal Code, Section 107. National command Authority Act 2010, Section 12.</p> <p>CW: CWCIO No. LIV of 2000, Section 3(d)</p>	

10	assist in abovementioned activities	X	X	X	NW:CW:BW: Anti-Terrorism Act 1997, as amended, Sections. 2 and 21-C, I and J. CW: CWCIO No. LIV of 2000, Section 3(d).	X	X	X	NW: Anti-Terrorism Act 1997, as amended, Sections. 7 and 21-C, I and J. Anti-Terrorism (Amendment) Ordinance 2005, Articles 3-9 and 11: increases penalties. National command Authority Act 2010, Section 12. CW: CWCIO No. LIV of 2000, Section 3 (d).	
11	finance abovementioned activities	X	X	X	NW:CW:BW: 1. Anti-Terrorism Act 1997, as amended, Sections. 11H -11K. 2. Anti-Money laundering Act 2010, Section 3 and 6. CW: CWCIO No. LIV of 2000, Section 3(d); (assist in any way).	X	X	X	NW:CW:BW: Anti-Terrorism Act 1997, as amended, Section. 11-N. Anti-Terrorism (Amendment) Ordinance 2005, Articles 5(increases penalties). Penal Code, Sections 213 and 214. National command Authority Act 2010, Section 12. Anti-Money laundering Act 2010, Section 4 Financial Monitoring Unit established. CW: CWCIO No. LIV of 2000, Section 3 (3)	
12	abovementioned activities related to means of delivery ²	X	X		NW: The Pakistan Arms Ordinance 1965, Section 3: (Defines guided missiles and rockets as arms). CW: CWCIO No. LIV of 2000, Section 2(c), 3-5.	X	X		NW: The Pakistan Arms Ordinance 1965, Sections 13 and 29. Arms Act 1878, Section 19. National Command Authority Act 2010, Section 12. CW: CWCIO No. LIV of 2000, Sections 3 (3), 4 (3) and 5(2).	
13	involvement of non-State actors in abovementioned activities	X	X	X	NW/CW/BW: Anti-Terrorism Act 1997, as amended. Penal Code, Section 11.	X	X	X	NW/CW/BW: Anti-Terrorism Act 1997, as amended. Arms Ordinance 1965. Protection of Pakistan Act 2014. The Penal Code defines a person as including	

								natural and legal persons.	
								CW: CWCIO No. LIV of 2000.	
								CW: CWCIO No. LIV of 2000.	
14	Other								

2. Means of delivery: missiles, rockets and other unmanned systems capable of delivering nuclear, chemical, or biological weapons, that are specially designed for such use.

OP 3 (a) and (b) - Account for/Secure/Physically protect NW, CW and BW, including Related Materials³

Are any of the following measures, procedures or legislation in place to account for, secure or otherwise protect NW, CW, BW and Related Materials? Can violators be penalized?		National legal framework				Enforcement: civil/criminal penalties and others				Remarks
		YES			if YES, source document	YES			if YES, source document	
		N W	C W	B W*		N W	C W	B W		
1	Measures to account for production	X	X	X	NW: INFCIRC/418/116/135. PNRA Ordinance 2001, Section 16. Pakistan Nuclear Regulatory Authority Enforcement Regulations – (PAK/950) 2010. Regulations for Licensing of Nuclear Installations in Pakistan PAK/909 (Rev. 1) 2012. Regulations on the Safety of Nuclear Power Plants Operation (PAK/913) (Rev. 1). Regulations for the Licensing of Radiation Facility(ies) other than Nuclear Installation(s) - PAK/908 of 2004. National Command Authority Act 2010, Section 7. CW: Reporting Schedule I, II and III chemicals to OPCW. CWCIO No. LIV of 2000, Sections 7 and 21. BW: Pakistan Bio-safety Rules 2005, Rule 19: Applies to living modified organisms, substances and cells.	X	X	X	NW: PNRA Ordinance 2001, Section 44(1). National Command Authority Act 2010, Section 12. CW: CWCIO No. LIV of 2000, Sections 19 and 21, and Schedule IV. Hazardous Substances Rules 2003 (cancellation of the license for not complying with the rules). BW: Environment Protection Act 1997, Section 17 (2).	
2	Measures to account for use	X	X	X	NW: PNRA Ordinance 2001, Section 16. Pakistan Nuclear Regulatory Authority Enforcement Regulations – (PAK/950) 2010. Regulations for the Licensing of Radiation	X	X	X	NW: PNRA Ordinance 2001, Section 44(1). National Command Authority Act 2010, Section 12.	

					Facility(ies) other than Nuclear Installation(s) - PAK/908 of 2004. Regulations on the Safety of Nuclear Power Plants Operation (PAK/913) (Rev. 1) 2008. Regulations on Radiation Protection (PAK/904) 2004 as amended, Rule 20. Regulations for Licensing of Nuclear Installations in Pakistan PAK/909 (Rev. 1) 2012. National Command Authority Act 2010, Section 7. CW: CWCIO No. LIV of 2000, Sections 7 and 21. BW: Pakistan Bio-safety Rules 2005, Rules 17 and 19: (Applies to living modified organisms, substances and cells).					CW: CWCIO No. LIV of 2000, Sections 19 and 21, and Schedule IV. BW: Environment Protection Act 1997, Section 17 (2).	
3	Measures to account for storage	X	X	X	NW: PNRA Ordinance 2001, Section 16. Nuclear Safety and Radiation Protection Regulations 1990, Rule 59(i). Regulations for the Licensing of Radiation Facility(ies) other than Nuclear Installation(s) - PAK/908 of 2004. Regulations on the Safety of Nuclear Power Plants Operation PAK/913) (Rev. 1) 2008. Regulations on Radiation Protection (PAK/904) 2004 as amended, Rule 20 and 21. Regulations for Licensing of Nuclear Installations in Pakistan PAK/909 (Rev. 1) 2012. National Command Authority Act 2010, Section 7. CW: CWCIO No. LIV of 2000, Sections 7 and 21. BW: Pakistan Bio-safety Rules 2005, Rules 2,	X	X	X		NW: PNRA Ordinance 2001, Section 44(1). National Command Authority Act 2010, Section 12. CW: CWCIO No. LIV of 2000, Sections 19 and 21, and Schedule IV. BW: Environment Protection Act 1997, Section 17	

					(Applies to storage of living modified organisms, substances and cells).				(2).	
4	Measures to account for transport	X	X		NW: Nuclear Regulatory Authority Ordinance 2001, Section 16. National Regulations for the Safe Transport of Radioactive Material - PAK/916 – 2007, Rule 5. National Command Authority Act 2010, Section 7. CW: Environmental Protection Act 1997, Section 14. Hazardous Substances Rules 2003: Rule 21. (Transport of hazardous substances Lists-Schedule II, includes CWC chemicals such as Mustard gas: Bis(2-chloroethyl) sulphide and Phosphorus oxychloride).	X	X		NW: Nuclear Regulatory Authority Ordinance 2001, Section 44(1). National Command Authority Act 2010, Section 12. CW: Environmental Protection Act 1997, Section 17 (2).	
5	Other measures for accounting	X			NW: Nuclear Safety and Radiation Protection Regulations 1990, Rule 9. Pakistan National Command Authority Act 2010, Section 7.	X			NW: Pakistan Nuclear Regulatory Authority Enforcement Regulations (PAK-950) 2010.	
6	Measures to secure production	X	X	X	NW: Regulations on the Safety of Nuclear Power Plants Operation (PAK/913) (Rev. 1) 2008. National Command Authority Act 2010, Section 7. CW: Hazardous Substances Rules 2003: Lists includes several CWC chemicals and Article 17 - Safety Plan. CWCIO No. LIV of 2000, Section 7. BW: Pakistan Bio-safety Rules, 2005, Rule 19.	X	X	X	NW: Nuclear Regulatory Authority Ordinance 2001, Section 44(1). National Command Authority Act 2010, Section 12. CW: CWCIO No. LIV of 2000, Section 19 and Schedule IV. Hazardous Substances Rules 2003 (cancellation of the license for not complying with the rules). Environment Protection Act 1997, Section 17 (2). BW: Environment Protection Act 1997, Section 17 (2). 2. Bio-Safety Guidelines, 2005.	

					<p>- Safety Plan. Chemical Weapon Convention (Implementation) Rules 2010, Rule 11 (requirement of registration with details of suitable storage facility).</p> <p>BW: Pakistan Bio-safety Rules 2005, Rules 2, 19, 21 and 22: Applies to living modified organisms, substances and cells.</p>				<p>provisions of section 23 of Ordinance that is registration). Hazardous Substances Rules 2003 (cancellation of the license for not complying with the rules). Environment Protection Act 1997, Section 17 (2).</p> <p>BW: Bio-Safety Guidelines, 20052. Environment Protection Act 1997, Section 17 (2).</p>	
9	Measures to secure transport	X	X	X	<p>NW: PNRA Regulations for the Safe Transport of Radioactive Material - PAK/916, 2007. PNRA Regulations on Radiation Protection (PAK/904) 2004. Nuclear Regulatory Authority Ordinance 2001, Section 16. Nuclear Safety and Radiation Protection Regulations 1990, Rule 70. Regulations on the Safety of Nuclear Power Plants Operation (PAK/913) (Rev. 1) 2008.</p> <p>CW: 1. Hazardous Substances Rules 2003, Rule 21 (Transport of hazardous substances). 2. Chemical Weapon Convention (Implementation) Rules 2010, Rule 10.</p> <p>BW: Bio-safety Guidelines 2005.</p>	X	X	X	<p>NW: National Command Authority Act 2010, Section 12. Nuclear Regulatory Authority Ordinance 2001, Section 44.</p> <p>CW: Environment Protection Act 1997, Section 17 (2).</p> <p>BW: Environmental Protection Act 1997, Section 17(2).</p>	
10	Other measures for securing									
11	Regulations for physical protection of facilities/ materials/ transports	X	X	X	<p>NW: PNRA Regulation PAK/911. Licensees to follow IAEA INFCIRC/224/Rev.4- Physical Protection of Nuclear Material and Nuclear Facilities. Pakistan Nuclear Regulatory Authority Ordinance 2001 - Ordinance No. III of 2001,</p>	X	X	X	<p>NW: National Command Authority Act 2010, Section 12. Nuclear Regulatory Authority Ordinance 2001, Section 44.</p>	

				<p>Sec. 16-f. Nuclear Safety and Radiation Protection Regulations 1990, Rules 44 and 70. Regulations on the Safety of Nuclear Power Plants Operation (PAK/913) (Rev. 1) 2008, Regulation 9 (physical protection). Regulations for the Safe Transport of Radioactive Material - PAK/916, 2007.</p> <p>CW: CWCIO No. LIV of 2000, Schedule IV (Regime for other chemical production facilities) Hazardous Substances Rules 2003, Rule 17.</p> <p>BW: Pakistan Bio-safety Rules 2005, Rule 5.</p>				<p>CW: Environment Protection Act 1997, Section 17 (2).</p> <p>BW: Bio-safety Guidelines, 2005. (The National Biosafety Committee has the power to ensure that laboratory work conforms to national biosafety guidelines).</p>		
12	Licensing/registration of installations/facilities/ persons/entities/use/ handling of materials	X	X	X	<p>NW: PNRA Regulation PAK/909. Nuclear Regulatory Authority Ordinance 2001, Sections 19-24. Regulations for the Licensing of Radiation Facility(ies) other than Nuclear Installation(s)- PAK/908.</p> <p>CW: Hazardous Substances Rules 2003: Rule 7 (Lists includes several CWC chemicals). CWCIO No. LIV of 2000, Section 23 (1).</p> <p>BW: Pakistan Bio-safety Rules 2005, Rules 11 and 15: (Applies to living modified organisms, substances and cells).</p>	X	X	X	<p>NW: Nuclear Regulatory Authority Ordinance 2001, Section 44.</p> <p>CW: CWCIO No. LIV of 2000, Sections 23 (2). National Authority on CWC. Hazardous Substances Rules 2003, Rule 15 (cancellation of the license for not complying with the rules). Environment Protection Act 1997, Section 17 (2). Environmental Protection Agency.</p> <p>BW: Environment Protection Act 1997, Section 17 (2).</p>	

13	Reliability check of personnel	X	?	X	<p>NW: PAK Employees (Service) Regulations 2004, Chapter VII. Nuclear Regulatory Authority Ordinance 2001, Sections 51 and 52. Regulations on the Safety of Nuclear Power Plants Operation (PAK/913) (Rev. 1), especially Annexes I-V. PAK/1401 Staffing of nuclear power plants and the recruitment, training and authorisation of operation personnel. National Command Authority Act 2010, Section 7 (d).</p> <p>CW: Hazardous Substances Rules 2003:Rule 12, (A record of every worker shall be maintained containing, amongst other details, his name and address, his medical check-up history, and the hazardous substances handled by him).</p> <p>BW: Pakistan Bio-safety Rules 2005, Rule 5 f) and h).</p>	X	?	X	<p>NW: National Command Authority Act 2010, Section 7 (d). PNRA ensures that each nuclear installation has qualified and trained personnel.</p> <p>CW: Environment Protection Act 1997, Section 17 (2).</p> <p>BW: The National Biosafety Committee has the power to restrain any person, authority or institute involved with genetic manipulation experiments of potential hazards.</p>	
14	Measures to account for/secure/ physically protect means of delivery	X	?		<p>NW: National Command Authority Act 2010, Section 7.</p> <p>CW: CWCIO No. LIV of 2000, Section 2 (c)(iii)(m) Schedule IV (2).</p>	X			<p>NW: National Command Authority Act 2010, Section 7.</p>	

3. Related materials: materials, equipment and technology covered by relevant multilateral treaties and arrangements, or included on national control lists, which could be used for the design, development, production or use of nuclear, chemical and biological weapons and their means of delivery.

* Information required in this section may also be available in the State's Confidence Building Measures report, if submitted to the BWC Implementation Support Unit (online at:

[http://www.unog.ch/80256EE600585943/\(httpPages\)/4FA4DA37A55C7966C12575780055D9E8?OpenDocument](http://www.unog.ch/80256EE600585943/(httpPages)/4FA4DA37A55C7966C12575780055D9E8?OpenDocument))

OP 3 (a) and (b) - Account for/Secure/Physically protect NW including Related Materials (NW specific)

Are any of the following measures, procedures or legislation in place to account for, secure or otherwise protect NW and Related Materials? Can violators be penalized ?		National legal framework		Enforcement: civil/criminal penalties and others		Remarks
		YES	if YES, source document	YES	if YES, source document	
1	National regulatory authority	X	National Command Authority Act 2010, Section 3. Pakistan Nuclear Regulatory Authority Ordinance No. 3 of 2001, Section 3. Pakistan Atomic Energy Commission (Amendment) Ordinance No. 7 of 2001, Article 3.	X	Strategic Plans Division (SPD) is the secretariat of National command Authority (NCA). Pakistan Nuclear Regulatory Authority (PNRA). PNRA has established three Regional nuclear Safety Directorates (RNSDs) at Islamabad, Karachi and Kundian. Regional offices at Peshawar and Quetta to assist law enforcement agencies in combating illicit trafficking of radioactive sources and material.	
2	IAEA Safeguards Agreements	X	INFCIRC/816 INFCIRC/705 INFCIRC/418 INFCIRC/116 INFCIRC/135	X	INFCIRC/816 INFCIRC/705 INFCIRC/418 INFCIRC/116 INFCIRC/135	
3	IAEA Code of Conduct on Safety and Security of Radioactive Sources	X	Expressed support	X	IAEA Guidance on the Import and Export of Radioactive Sources - National Contact Point: Director, International Affairs and Training Division Pakistan Atomic Energy Commission (PAEC)	
4	Supplementary Guidance on the Import and Export of Radioactive Sources of the Code of Conduct on the Safety and Security of Radioactive Sources	X	Expressed support	X	Expressed support	

5	IAEA Incident and Trafficking Database of Nuclear Materials and other Radioactive Sources	X	Participating Since 2005	X	State Participating	
6	Other Agreements related to IAEA	X	<p>INFCIRC/285</p> <p><u>The Agreement of 23 May 1980 establishing the Asian regional co-operative project on food irradiation</u></p> <p>INFCIRC/167</p> <p><u>The Text of a Regional Co-operative Agreement for Research, Development and Training Related to Nuclear Science and Technology</u></p>			
7	Additional national legislation/regulations related to nuclear materials including CPPNM					
8	Other	X	<p>Regulations for Licensing of Nuclear Safety Class Equipment and Component Manufactures - PAK/907).</p> <p>PNRA has developed National Regulations on management of Nuclear Accident or Radiological Emergency (PAK/914).</p> <p>Implementation of the IAEA Nuclear Security Plan 2006–2009: Progress Report - ref:GOV/2009/53-GC(53)16.</p>	X	<p>PNRA School for nuclear and Radiation Safety organizes regular training courses in radiological emergency, law enforcement and various disciplines.</p> <p>The National Radiation Emergency Coordination Centre (NRECC), established in 1988, coordinates nuclear or radiological emergencies at national and international level with the support of two Mobile Radiological Monitoring Laboratories (MRMLs).</p> <p>A network of six incident response mobile laboratories has been established to provide guidance and expert opinion to responders in case of nuclear security incident.</p> <p>The Agency and the Pakistan Nuclear Regulatory Authority (PNRA) have agreed on a joint nuclear security programme with</p>	

				<p>activities for human resources development — education and training — and for the establishment of effective border control and effective mechanisms to respond to nuclear security events. The programme includes also the supply of necessary equipment, jointly funded by the Agency and Pakistan. PNRA personnel who had, in previous years, participated as trainees were, in 2007, recruited as lecturers for regional training activities.</p> <p>IAEA Response Assistance Network (RANET) is an integrated system established by IAEA under the International Convention on assistance in case of nuclear accident or radiological emergency.</p> <p>Establishment of physical protection laboratories and repair maintenance laboratories at PNRA in cooperation with IAEA.</p>	
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OP 3 (a) and (b) - Account for/Secure/Physically protect CW including Related Materials (CW specific)

Are any of the following measures, procedures or legislation in place to account for, secure or otherwise protect CW and Related Materials? Can violators be penalized?		National legal framework		Enforcement: civil/criminal penalties and others		Remarks
		YES	if YES, source document	YES	if YES, source document	
1	National CWC authority	X	CWCIO No. LIV of 2000, Section 9.	X	CWC National Authority Government of Pakistan, Ministry of Foreign Affairs, Secretary - Disarmament Coordination Cell.	
2	Reporting Schedule I, II and III chemicals to OPCW	X	Reports regularly. Last done in 2014 under the provision of CWCIO No. LIV of 2000 as mentioned in OPCW Report of 2014 dated 10 October.	X	Reports regularly. Last done in 2014 under the provision of CWCIO No. LIV of 2000 as mentioned in OPCW Report of 2014 dated 10 October.	
3	Account for, secure or physically protect "old chemical weapons"					
4	Other legislation/ regulations controlling chemical materials	X	Hazardous Substances Rules 2003			
5	Other					

OP 3 (a) and (b) - Account for/Secure/Physically protect BW including Related Materials (BW specific)

Are any of the following measures, procedures or legislation in place to account for, secure or otherwise protect BW and Related Materials? Can violators be penalized?		National legal framework		Enforcement: civil/criminal penalties and others		Remarks
		YES	if YES, source document	YES	if YES, source document	
1	Regulations for genetic engineering work	X	Pakistan Bio-Safety Rules of 2005 (SRO 336(I)/2005) to regulate manufacture, import and storage of modified organisms and genes and technological products for research.	X	A three-tier monitoring mechanism-comprising the National Biosafety Committee (NBC), the Technical Advisory Committee (TAC) and the Institutional Biosafety Committee (IBC) - to oversee laboratory work, field trials, commercial release, import, export, sale and purchase of GMOs and their products.	
2	Other legislation/ regulations related to safety and security of biological materials	?	Plant Quarantine Act 1976.	X	Penal Code 1860, Chapter XIV - Disobedience to quarantine rule.	
3	Other	X	The Ministry of Food, Agriculture and Livestock has overall responsibility for formulating and implementing animal/plant quarantine and regulating pesticides. A National Animal and Plant Health Inspection Services (NAPHIS) was recently established.	X	Penal Code 1860, Chapter XIV - Disobedience to quarantine rule.	

OP 3 (c) and (d) and related matters from OP 6 and OP 10 - Controls of NW, CW and BW, including Related Materials

Which of the following legislation, procedures, measures, agencies exist to control border crossings, export/import and other transfers of NW, CW, BW and Related Materials? Can violators be penalized?		National legal framework			Enforcement: civil/criminal penalties, and measures of implementation, etc			Remarks				
		YES			YES							
		N W	C W	B W	if YES, source document							
1	Border control	X	X	X	NW/CW/BW Customs Act 1969 - Chapter IV (Prohibition and restriction of importation and exportation) and Section 219. BW: Plant Quarantine Act 1976, Articles 3, 5 and 12. Animal Quarantine Act 1979.			X	X	X	NW/CW/BW: Customs Act 1969 - Chapter VII (Prevention of smuggling, adjudication of offences) and VII (Offences and penalties). BW: Animal Quarantine Act, Article 8	
2	Technical support of border control measures	X	X	X	NW/CW/BW: Special training to detect sensitive materials. Deployment of scanners, etc.			X	X	X	NW/CW/BW: Special training to detect sensitive materials. Deployment of scanners, etc.	
3	Control of brokering, trading in, negotiating, otherwise assisting in sale of goods and technology	X		X	NW/BW: Export Control on Goods technologies, Material and Equipment related to Nuclear and Biological weapons and their delivery systems Act 2004. Export Policy Order 2012-2015.			X		X	NW/BW: Export Policy Order 2012-15 notified to Pakistan Customs.	
4	Enforcement agencies/authorities	X	X	X	NW/CW/BW: Customs Act 1969 - Chapter IV (Prohibition and restriction of importation and exportation) and Section 219. Frontier Corp Ordinance 1959. West Pakistan Rangers Ordinance 1959. Coast Guard Act 1973. Airport Security Force Ordinance 1975. Pakistan Railway Police Act 1977. Karachi Port Trust Security Force Ordinance			X	X	X	NW/CW/BW: Pakistan Customs. Federal Investigation Agency. West Pakistan Rangers. Railway Police. Airport Security Force. Police. Frontier Corps. Coast Guards. Karachi Port Security Force.	

					2002. Entrustment of Power Through Custom Rules, Notifications and SROs, 29(I)73 and 524(I)74. Entrustment of Power Through Custom Rules, Notifications and SROs, 1017(I)74. BW: Plant Quarantine Act 1976, Articles 3, 5 and 12. Animal Quarantine Act 1979.				Maritime Police. BW: Animal Quarantine Department of Ministry of Food, Agriculture and Livestock.	
5	Export control legislation in place	X	X	X	NW/CW/BW: 1. Customs Act, 1969 Section 16 (16. Power to prohibit or restrict importation and exportation of goods.- The Federal Government may, from time to time, by notification in the official Gazette, prohibit or restrict the bringing into or taking out of Pakistan of any goods of specified description by air, sea or land) The Import and Export (Control) Act - Act No. XXXIX - of 1950. NW: PNSRP Ordinance of 1984 and Regulation of 1990: nuclear substances and radioactive materials. Pakistan Nuclear Regulatory Authority Ordinance (PNRA), of 2001, Ordinance No. III of 2001. Export Control Act No. V of 2004. CW: Export Policy Order 2012-15, Article 11. Chemical Weapons Convention Implementation Ordinance No. LIV of 2000	X	X	X	NW/CW/BW: Customs Act, Section 17 (Detention, seizure and confiscation of goods imported in violation of section 15 or section 16.- Where any goods are imported into, or attempted to be exported out of, Pakistan in violation of the provisions of section 15 or of a notification under section 16, such goods shall, without prejudice to any other penalty to which the offender may be liable under this Act or the rules made thereunder or any other law, be liable to detention, for seizure or confiscation subject to approval of an officer not below the rank of an Assistant Collector of Customs, and seizure for confiscation through adjudication, if required). The Import and Export (Control) Act - Act No. XXXIX - of 1950, section 5(1). NW: Pakistan Nuclear Regulatory Authority Ordinance (PNRA), 2001, Ordinance No. III of 2001, Section 44 (1). Export Control Act No. V of 2004, Section 8. No Objection certificate (NOC) from PNRA is required for export of radiation source or equipment. CW: The Import and Export (Control) Act, 1950 - act No. XXXIX of 1950, Article 5. CWCIO No. LIV of 2000, Article 5.	

					(CWCIO No. LIV of 2000), Article 5, Schedule IV. BW: Export Control Act No.V of 2004. Export Policy Order 2012-15. Plant Quarantine Act 1976. Biosafety Rules 2005, Rule 5 (the National Biosafety Committee has the power to ban or restrict import, export of any living modified organism causing or likely to cause risk to public health, safety or environment.				BW: Export Control Act No. V of 2004, Section 8. The Import and Export (Control) Act 1950, Act XXXIX of 1950, Article 5. Export Policy Order 2012-15, Article 17.	
6	Licensing provisions	X	X	X	NW: Export Control Act No. V of 2004. Pakistan Nuclear Regulatory Authority Ordinance (PNRA) of 2001 - Ordinance No. III of 2001, Sections 19-23. Export Policy Order 2012-15. Export Control (Licensing and Enforcement) Rules, 2009. CW: Export Policy Order 2012-15, including Articles 11 and 16. CWCIO No. LIV of 2000, Section 23(1) – registration. CWC Implementation Rules 2010, Rule 12. BW: Export Control Act No. V of 2004, Section 5. Export Policy Order 2012-15.	X	X	X	NW: Pakistan Nuclear Regulatory Authority Ordinance (PNRA), 2001, Ordinance No. III of 2001, Section 44(1). Export Control Order 2012-15, Article 17 National command Authority Act 2010, Section 12. Export controls Act 2004, Section 8. CW: The Import and Export (Control) Act, 1950 - act No. XXXIX of 1950, Article 5. CWCIO No. LIV of 2000, Section 5 and 23(2). BW: Export Control Act No. V of 2004. The Import and Export (Control) Act 1950, Act XXXIX of 1950, Article 5. Export Policy Order 2012-15, Article 16.	
7	Individual licensing	X	?	X	NW/BW: Export Control (Licensing and Enforcement) Rules, 2009, Rule 6. CW: CWC Implementation Rules 2010, Rule 12.	X	?	X	NW/BW: Export Control (Licensing and Enforcement) Rules, 2009, Rule 14. CW: CWC Implementation Rules 2010, Rule 12.	

8	General licensing								
9	Exceptions from licensing	X		X	NW/BW: Export Control on Goods technologies, Material and Equipment related to Nuclear and Biological weapons and their delivery systems Act 2004. Export Policy Order 2012-15	X		X	NW/BW: There are no exceptions to licensing requirements.
10	Licensing of deemed export/visa	?		?	NW: Export Control Act No. V of 2004, Sections 2 and 5. BW: Export Control Act No. V of 2004, Sections 2 and 5.	?		?	NW: Export Control Act No. V of 2004, Section 8. BW: Export Control Act No. V of 2004, Section 8.
11	National licensing authority	X	X	X	NW: Export Control Act 2004, Section 3. Pakistan Nuclear Regulatory Authority Ordinance (PNRA), of 2001, Section 19 (c). CW: Export Policy Order 2012-15 CWCIO No. LIV of 2000, Section 9. CWC Implementation Rule 2010, Rule 12. BW: Pakistan Biosafety Rules 2005. Plant Quarantine Act 1976, Articles 3, 5 and 12. Animal Quarantine Act 1979. Export Policy Order 2012-15. Export Control Act 2004.	X	X	X	NW: Pakistan Nuclear Regulatory Authority (PNRA) Ministry of Foreign Affairs Notification S.R.O. 449(I)/2009. (Strategic Export Control Division (SECDIV) in the Ministry of Foreign Affairs is an interagency mechanism for institutionalised implementation of export control policy) CW: Ministry of Foreign Affairs: National CWC Authority Ministry of Commerce: Licensing BW: Director or to the Entomologist (Quarantine). Quarantine Officer. National Biosafety Committee. Ministry of Commerce. Strategic Export Control Division (SECDIV) in the Ministry of Foreign Affairs.
12	Interagency review for licenses	X	X	X	NW: Export Control Act 2004, Section 3 (e).	X	X	X	NW: Ministry of Foreign Affairs Notification S.R.O. 693 (I)/2007: Oversight Board. Strategic Export Control Division (SECDIV) in

					CW: CWC Implementation Rule 2010, Rule 3 and 4. BW: Export Control Act No.V of 2004, Article 3. Pakistan Biosafety Rules 2005.			the Ministry of Foreign Affairs is an interagency mechanism for institutionalised implementation of export control policy. CW: National Authority, Advisory Committee. BW: Ministry of Foreign Affairs Notification S.R.O. 693 (I)/2007: Oversight Board. National Biosafety Committee (interagency body). Strategic Export Control Division (SECDIV) in the Ministry of Foreign Affairs is an interagency mechanism for institutionalised implementation of export control policy.	
13	Control lists	X	X	X	NW: Export Control Act No. V of 2004. Export Policy Order 2012-15. CW: CWCIO No. LIV of 2000, Schedules I-III. Export policy Order 2012-2015. BW: Export Control Act No. V of 2004, Article 4.	X	X	X NW/BW: Ministry of Foreign Affairs Notification S.R.O. 699(I)/2011 (updated). CW: Export Policy Order 2012-15 Schedule I-II and Appendix A-C.	
14	Updating of lists	X	X	X	NW/BW: Export Control Act No. V of 2004. CW: Export Policy Order 2012-15.	X	X	X NW/BW: Ministry of Foreign Affairs Notification S.R.O. 699(I)/2011 (updated). CW: Export Policy Order 2012-2015.	
15	Inclusion of technologies	X	?	X	NW/BW: 1. Export Control Act No. V of 2004 2. Export Policy Order 2012-15 CW: CWCIO No. LIV of 2000	X		X NW: Export Control Act No. V of 2004 Export Policy Order 2012-15, Schedule I and II BW: Export Control Act No. V of 2004	

									Export Policy Order 2012-15	
16	Inclusion of means of delivery	X	X	X	NW/BW: Export Control Act No. V of 2004. Export Policy Order 2012-15. CW: Export Policy Order 2012-15. Chemical Weapons Convention Implementation Ordinance 2000, Section 2. BW: Export Control Act No. V of 2004. Export Policy Order 2012-15.	X	X	X	NW/BW: Export Control Act No. V of 2004. Export Policy Order 2012-15, Schedule I and II. CW: Export Policy Order 2012-15. BW: Export Control Act No. V of 2004. Export Policy Order 2012-15.	
17	End-user controls	X	X	X	NW/BW: Export Control Act No. V of 2004 Export Policy Order 2012-15 CW: Export Policy Order 2012-15 CWCIO No. LIV of 2000, Schedule IV. CWC Implementation Rules 2010, Rule 12.	X	X	X	NW/BW: Export Control Act No. V of 2004. Export Policy Order 2012-15, Annexes D and F. CW: Export Policy Order 2012-15, Appendices D-E.	
18	Catch all clause	X	?	X	NW/BW: Export Control Act No. V of 2004, Sections 2 and 5. CW: Chemical Weapons Convention Implementation Ordinance 2000.	X		X	NW/BW: Export Control Act No. V of 2004, Section 8	
19	Intangible transfers	X		X	NW/BW: Export Control Act No. V of 2004, Sections 2 and 5: see definition of services. Officials Secrets Act 1923, Section 5. National command Authority Act 2010.	X		X	NW/BW: Export Control Act No. V of 2004, Section 8. Officials Secrets Act 1923, Section 5. National Command Authority Act 2010.	

20	Transit control	X	X	X	<p>NW: Export Control Act No. V of 2004. Pakistan Nuclear Safety and Radiation Protection (PNSRP) Ordinance of 1984 and Regulation of 1990: nuclear substances and radioactive materials. Export Policy Order 2012-15.</p> <p>CW: CWCIO No. LIV of 2000, Section 5. CWC Implementation Rules, 2010.</p> <p>BW: Export Control Act No. V of 2004. Plant Quarantine Act 1976, Article 33. Export Policy Order 2012-15.</p>	X	X	X	<p>NW: Export Control Act No. V of 2004, Section 8.</p> <p>CW: CWCIO No. LIV of 2000, Section 5 (2). CWC Implementation Rules, 2010.</p> <p>BW: Export Control Act No. V of 2004, Section 8.</p>	
21	Trans-shipment control	X	X	X	<p>NW: Export Control Act No. V of 2004 Pakistan Nuclear Safety and Radiation Protection (PNSRP) Ordinance of 1984 and Regulation of 1990: nuclear substances and radioactive materials Export Policy Order 2012-15</p> <p>CW: CWCIO No. LIV of 2000, Section 5 CWC Implementation Rules, 2010</p> <p>BW: Export Control Act No. V of 2004. Plant Quarantine Act 1976, Article 33. Export Policy Order 2012-15.</p>	X	X	X	<p>NW/BW: Export Control Act No. V of 2004, Section 8</p> <p>CW: CWCIO No. LIV of 2000, Article 5 (2) CWC Implementation Rules, 2010</p>	
22	Re-export control	X	X	X	<p>NW/BW: Export Control Act No. V of 2004, Section 2 and 10. Export Policy Order 2012-15</p>	X	X	X	<p>NW/BW: Export Policy Order 2012-15 The Import and Export (Control) Act 1950, Act XXXIX of 1950, Article 5</p>	

					NW: Pakistan Nuclear Safety and Radiation Protection (PNSRP) Ordinance of 1984. CW: Export Policy Order 2012-15, Articles 6.				Export control Act 2004, Section 2 and 10 CW: The Import and Export (Control) Act, 1950 - act No. XXXIX of 1950, Article 5 Export Policy Order 2012-15, Article 17	
23	Control of providing funds	X	X	X	NW/BW: Export Control Act 2004, Section 8 (2): (Abets). Anti-money laundering Act 2010, Section 3. CW: CWCIO. No. LIV of 2000, Section 3 (d): (assist,... in any way). Anti-money laundering Act 2010, Section 3.	X	X	X	NW/BW: Export Control Act 2004, Section 8 (2). Anti-money laundering Act 2010, Section 4. CW: CWCIO. No. LIV of 2000, Section 3 (3): (assist,... in any way). Anti-money laundering Act 2010, Section 4.	
24	Control of providing transport services									
25	Control of importation	X	X	X	NW/CW/BW: The Import and Export (Control) Act, 1950 - act No. XXXIX of 1950. Customs Act 1969, Section 16. Import Policy Order 2012-15. NW: Pakistan Nuclear Regulatory Authority (PNRA), Section 16 and 19. CW: CWCIO No. LIV of 2000, Section 5. CWC Implementation Rules 2010, Rule 12. Hazardous Substances Rules 2003, Rule 20. BW: Pakistan Animal Quarantine (import and export animal product) Ordinance 1979. Biosafety Rules 2005. Pakistan Plant Quarantine Act 1976.	X	X	X	NW/CW/BW: Customs Act, Section 17. Import Policy Order 2012-15. The Import and Export (Control) Act 1950, Act XXXIX of 1950, Article 5. NW: 1. Pakistan Nuclear Regulatory Authority (PNRA), Section 16 and 19. 2. No Objection certificate (NOC) from PNRA is required for imports of radiation source or equipment. CW: CWCIO No. LIV of 2000, Section 5 (2). BW: Pakistan Animal Quarantine (import and export animal product) Ordinance 1979. Pakistan Plant Quarantine Act 1976. Bio-safety Guidelines 2005.	

26	Extraterritorial applicability	X	X	X	NW/BW: Export Control Act No. V of 2004, Section 1. CW: CWCIO No. LIV of 2000, Section 25.	X	X	X	NW/BW: Export Control Act No. V of 2004, Section 8. CW: CWCIO No. LIV of 2000, Article 5.	
27	Other									

OP 6, 7 and 8 (d) - Control lists, Assistance, Information

Can information be provided on the following issues ?		YES		Remarks
1	Control lists - items (goods/ equipment/ materials/ technologies)	X	The Control Lists adopted by Pakistan encompass the lists and scope of export controls maintained by the Nuclear Suppliers Group (NSG), the Australia Group (AG) and the Missile Technology Control Regime (MTCR). The classification system is based on the European Union's integrated list.	
2	Control lists - other			
3	Assistance offered	X	Pakistan is in a position to provide assistance in response to requests which should be sent through the Permanent Mission of Pakistan to the United Nations New York.	
4	Assistance requested			
5	Point of Contact for assistance	X	Permanent Mission of Pakistan to the United Nations.	
6	Assistance in place (bilateral/multilateral)	X	Committed to WCO SAFE Framework of Standards under the Columbus assistance programme on capacity building.	
7	Work with and inform industry	X	Government maintains close working relationship with industry, particularly with chemical industry and with chambers of commerce. A secure communication network called the Wide Area Network (WAN) that gathers various CWC related declarations and data from the industry and all other stakeholders.	
8	Work with and inform the public	X	PNRA keeps the public informed about its activities and about any event at nuclear installations and radiation facilities.	
9	Point of Contact	X	Permanent Mission of Pakistan to the United Nations.	
10	Other ⁴			

4. Information may include references to voluntary implementation national action plan and visits to States, at their invitation, by the 1540 Committee.