



Evaluation criteria	Maximum points	Scale of measurement	Scale of measurement (applied solely to the NNWS)	Nuclear-Weapon States					Non-NPT Parties			Non-Nuclear Weapon States																		Other					
				CHN	FRA	RUS	UK	USA	IND	ISR	PAK	AUS	AUT	BEL	BRA	CAN	EGY	GER	IDN	IRN	JPN	KAZ	ROK	MEX	NED	NZL	NOR	RSA	SWE		SWI	SYR	TUR	UAE	PRK
<b>Nuclear Disarmament</b>																																			
<b>7 FMCT</b>	<b>10</b>																																		
A) Commitment, efforts, and proposals toward immediate commencement of negotiations on an FMCT	5	Add 1 (expressing a commitment); add 1~2 (actively engaging in the promotion of early commencement); add 1~2 (making concrete proposals on the start of negotiations)		1	3	1	3	3	1	1	1	3	3	3	3	4	1	3	1	1	3	1	3	1	3	3	3	3	3	3	0	1	1	0	
B) Moratorium on the production of fissile material for use in nuclear weapons	3	0 (not declaring); 1 (not declaring but not producing fissile material for nuclear weapons); 2 (declaring); 3 (declaring and taking measures for the cessation of the production as declared)	(not applicable to the NNWS)	1	2	3	2	2	0	0	0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0	
C) Contribution to the development of verification measures	2	0 (no contribution or no information); 1 (proposing a research on verification measures); 2 (engaging in R&D for verification measures)		0	1	0	1	1	0	0	0	1	1	1	0	1	0	1	0	1	0	1	0	1	1	1	0	1	0	0	0	0	0		
<b>8 Transparency in Nuclear Forces, Fissile Material for Nuclear Weapons, and Nuclear Strategy/Doctrine</b>	<b>6</b>	Add 1~2 (disclosing the nuclear strategy/doctrine); add 1~2 (disclosing the status of nuclear forces); add 1~2 (disclosing the status of fissile material usable for nuclear weapons)	(not applicable to the NNWS)	1	3	2	4	4	1	0	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0		
<b>9 Verifications of Nuclear Weapons Reductions</b>	<b>7</b>																																		
A) Acceptance and implementation of verification for nuclear weapons reduction	3	0 (not accepting or implementing); 2 (limited acceptance and implementation); 3 (accepting and implementing verification with comprehensiveness and completeness); deduct 1~2 points in case of non-compliance or problems in implementation	(not applicable to the NNWS)	0	0	3	0	3	0	0	0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0	
B) Engagement in research and development for verification measures of nuclear weapons reduction	1	0 (not engaging or no information); 1 (engaging in R&D)		0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0		
C) The IAEA inspections to fissile material declared as no longer required for military purposes	3	0 (not implementing), 1 (limited implementation); 3 (implementing); add 1 point if a country engages in the efforts for implementing or strengthening the implementation, except in the case of already implementing	(not applicable to the NNWS)	0	0	0	1	1	0	0	0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0	
<b>10 Irreversibility</b>	<b>7</b>																																		
A) Implementing or planning dismantlement of nuclear warheads and their delivery vehicles	3	0 (not implementing or no information); 1 (perhaps implementing but not clear); 2~3 (implementing)	Add 1~2 points in case of engaging in support for dismantlement (maximum 2 points)	0	2	2	2	2	0	0	0	1	0	1	0	1	0	1	0	0	1	1	1	1	1	1	0	1	1	0	0	0	0		
B) Decommissioning/conversion of nuclear weapons-related facilities	2	0 (not implementing or no information); 1 (implementing in a limited way); 2 (implementing extensively)	Add 1~2 points in case of engaging in support (maximum 2 points)	0	1	1	1	1	0	0	0	1	0	1	0	1	0	1	0	0	1	1	1	1	1	1	0	1	1	0	0	0	0		
C) Measures for the fissile material declared excess for military purposes, such as disposition or conversion to peaceful purposes	2	0 (not implementing or no information); 1 (implementing in a limited way); 2 (implementing); 3 (implementing extensively)	(not applicable to the NNWS)	0	1	2	1	2	0	0	0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0	
<b>11 Disarmament and Non-Proliferation Education and Cooperation with Civil Society</b>	<b>4</b>	Add 1 (submitting a report to the UN); add 1~2 (implementing disarmament and non-proliferation education); add 1 (cooperating with civil society)		1	1	1	2	2	1	1	0	2	3	1	1	3	1	3	0	0	3	1	1	1	1	3	1	1	1	3	0	1	1	0	
<b>12 Hiroshima Peace Memorial Ceremony</b>	<b>1</b>	0 (not attending) ;0.5(not attending in 2013 but has attended more than once during the past 3 years) ;1 (attending)		0	1	1	1	1	1	1	1	1	0.5	1	1	1	1	1	1	1	1	1	1	1	0	1	0.5	0.5	0.5	1	0	0	0		
<b>Points</b>				<b>11</b>	<b>20</b>	<b>10</b>	<b>22</b>	<b>20</b>	<b>6</b>	<b>-1</b>	<b>2</b>	<b>22</b>	<b>26.5</b>	<b>18</b>	<b>22</b>	<b>24</b>	<b>16</b>	<b>18</b>	<b>20</b>	<b>14</b>	<b>24</b>	<b>24</b>	<b>20</b>	<b>25</b>	<b>17</b>	<b>28</b>	<b>23</b>	<b>21.5</b>	<b>22.5</b>	<b>26.5</b>	<b>8</b>	<b>11</b>	<b>18</b>	<b>-7</b>	
<b>Full Points</b>				<b>94</b>	<b>94</b>	<b>94</b>	<b>94</b>	<b>94</b>	<b>91</b>	<b>91</b>	<b>91</b>	<b>39</b>	<b>39</b>	<b>39</b>	<b>39</b>	<b>39</b>	<b>39</b>	<b>39</b>	<b>39</b>	<b>39</b>	<b>39</b>	<b>39</b>	<b>39</b>	<b>39</b>	<b>39</b>	<b>39</b>	<b>39</b>	<b>39</b>	<b>39</b>	<b>39</b>	<b>39</b>	<b>39</b>	<b>39</b>	<b>39</b>	<b>91</b>
<b>(%)</b>				<b>11.7%</b>	<b>21.3%</b>	<b>10.6%</b>	<b>23.4%</b>	<b>21.3%</b>	<b>6.6%</b>	<b>-1.1%</b>	<b>2.2%</b>	<b>56.4%</b>	<b>67.9%</b>	<b>46.2%</b>	<b>56.4%</b>	<b>61.5%</b>	<b>41.0%</b>	<b>46.2%</b>	<b>51.3%</b>	<b>35.9%</b>	<b>61.5%</b>	<b>61.5%</b>	<b>51.3%</b>	<b>64.1%</b>	<b>43.6%</b>	<b>71.8%</b>	<b>59.0%</b>	<b>55.1%</b>	<b>57.7%</b>	<b>67.9%</b>	<b>20.5%</b>	<b>28.2%</b>	<b>46.2%</b>	<b>-7.7%</b>	

Evaluation criteria		Maximum points	Scale of measurement	Nuclear-Weapon States					Non-NPT Parties			Non-Nuclear Weapon States																	Other					
<b>Nuclear Non-Proliferation</b>				CHN	FRA	RUS	UK	USA	IND	ISR	PAK	AUS	AUT	BEL	BRA	CAN	EGY	GER	IDN	IRN	JPN	KAZ	ROK	MEX	NED	NZL	NOR	RSA	SWE	SWI	SYR	TUR	UAE	PRK
<b>1</b>	<b>Acceptance and Compliance with the Nuclear Non-Proliferation Obligations</b>	<b>20</b>																																
	A) Accession to the NPT	10	0 (not signing or declaring withdrawal); 3 (not ratifying); 10 (in force)	10	10	10	10	10	0	0	0	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	0
	B) Compliance with Articles 1 and 2 of the NPT and the UNSC resolutions on non-proliferation	7	-0 (non-complying with Article 1 or 2 of the NPT); 3~4 (having not yet violated Article 1 or 2 of the NPT but displaying behaviors that raise concerns about proliferation, or not complying with the UNSC resolutions adopted for relevant nuclear issues); 7 (complying). -As for the non-NPT states (maximum 3 points) : 2 (not complying with the UNSC resolutions adopted for relevant nuclear issues); 3 (other cases)	7	7	7	7	7	2	3	2	7	7	7	7	7	7	7	3	7	7	7	7	7	7	7	7	7	7	4	7	7	0	
	C) Nuclear-Weapon-Free Zones	3	1 (signing the NWFZ treaty); 3 (ratifying the treaty)	—	—	—	—	—	0	0	0	3	0	0	3	0	1	0	3	0	0	3	0	3	0	3	0	3	0	0	0	0	0	
<b>2</b>	<b>IAEA Safeguards Applied to the NPT NNWS</b>	<b>18</b>																																
	A) Signing and Ratifying a Comprehensive Safeguards Agreement	4	0 (not signing); 1 (not ratifying); 4 (in force)	—	—	—	—	—	—	—	—	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	0	
	B) Signing and Ratifying an Additional Protocol	5	0 (not signing); 1 (not ratifying); 5 (in force)	—	—	—	—	—	—	—	—	5	5	5	0	5	0	5	5	1	5	5	5	5	5	5	5	5	5	0	5	5	0	
	C) Implementation of the integrated safeguards	4	0 (not implementing); 4 (implementing)	—	—	—	—	—	—	—	—	4	4	4	0	4	0	4	4	0	4	0	4	0	4	0	4	0	0	0	0	0	0	
	D) Compliance with the IAEA Safeguards Agreement	5	0 (not resolving the non-compliance issue); 5 (complying)	—	—	—	—	—	—	—	—	5	5	5	5	5	5	5	5	0	5	5	5	5	5	5	5	5	5	5	0	5	5	0
<b>3</b>	<b>IAEA Safeguards Applied to NWS and Non-Parties to the NPT</b>	<b>7</b>																																
	A) Application of the IAEA safeguards (VOA or INFCIRC/66) to their peaceful nuclear in facilities	3	0 (not applying); 1~2 (applying INFCIRC/66); 3 (applying VOA)	3	3	3	3	3	2	1	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
	B) Signing, ratifying, and implementing the Additional Protocol	4	0 (not signing); 1 (not ratifying); 3 (in force); add 1 point if widely applied to peaceful nuclear activities	3	3	3	3	3	1	0	0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
<b>4</b>	<b>Cooperation with the IAEA</b>	<b>4</b>																																
	A) Efforts for strengthening the safeguards	4	Add 1 (contributing to the development of verification technologies); add 1~2 (contributing to the universalization of the Additional Protocol); add 1 (other efforts)	1	3	1	3	3	0	0	0	3	2	3	1	3	0	3	1	0	3	0	3	1	3	2	2	1	2	2	0	1	1	0
<b>5</b>	<b>Implementing Appropriate Export Controls on Nuclear-Related Items and Technologies</b>	<b>15</b>																																
	A) Establishment and implementation of the national implementation systems	5	0 (not establishing); 1 (establishing but insufficient); 2 (establishing a system to a certain degree); 3 (establishing an advanced system, including the Catch-all); add 1~2 (if continuing to implement appropriate export controls); deduct 1~2 (not adequately implementing)	3	5	4	5	5	4	5	2	5	5	5	5	5	1	5	1	0	5	5	5	5	5	5	5	5	5	5	0	5	3	0
	B) Requiring the conclusion of the Additional Protocol for nuclear export	2	0 (not requiring or no information); 1 (requiring for some cases); 2 (requiring)	0	0	0	0	1	0	0	0	1	1	0	0	1	0	1	0	0	1	0	0	1	1	1	1	0	1	0	0	1	1	0
	C) Implementation of the UNSCRs concerning North Korean and Iranian nuclear issues	3	0 (not implementing or no information); 2 (implementing); 3(actively implementing); deduct 1~3 (depending on the degree of violation)	1	3	2	3	3	2	2	0	3	3	3	2	3	2	3	2	0	3	2	3	3	3	3	3	3	3	0	2	2	0	
	D) Participation in the PSI	2	0 (not participating); 1 (participating); 2 (actively participating)	0	2	2	2	2	0	1	0	2	0	2	0	2	0	2	0	0	2	1	2	0	2	2	2	0	1	1	0	2	1	0
	E) Civil nuclear cooperation with non-parties to the NPT	3	0 (exploring active cooperation); 1~2 (contemplating cooperation, subject to implementing additional nuclear disarmament and non-proliferation measures); 3 (showing a cautious attitude or being against it)	0	0	0	1	0	—	—	—	1	3	3	3	0	3	3	3	3	2	0	0	3	3	3	3	3	3	3	3	3	3	0
<b>6</b>	<b>Transparency in the Peaceful Use of Nuclear Energy</b>	<b>4</b>																																
	A) Reporting on the peaceful nuclear activities	2	0 (not reporting or no information); 1 (reporting but insufficiently); 2 (reporting)	2	2	2	2	2	2	0	2	2	2	2	2	2	2	2	2	1	2	2	2	2	2	2	2	2	2	0	2	2	0	
	B) Reporting on plutonium management	2	0 (not reporting or no information); 1 (reporting); 2 (reporting on not only plutonium but also uranium); add 1 (ensuring a high level of transparency in plutonium although not being obliged to report)	1	2	0	2	0	0	0	0	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	0	1	1	0	
	<b>Points</b>			<b>31</b>	<b>40</b>	<b>34</b>	<b>41</b>	<b>39</b>	<b>13</b>	<b>12</b>	<b>7</b>	<b>56</b>	<b>52</b>	<b>54</b>	<b>43</b>	<b>52</b>	<b>36</b>	<b>56</b>	<b>48</b>	<b>23</b>	<b>54</b>	<b>45</b>	<b>51</b>	<b>50</b>	<b>55</b>	<b>53</b>	<b>54</b>	<b>49</b>	<b>53</b>	<b>48</b>	<b>21</b>	<b>48</b>	<b>45</b>	<b>0</b>
	<b>Full Points</b>			<b>47</b>	<b>47</b>	<b>47</b>	<b>47</b>	<b>47</b>	<b>43</b>	<b>43</b>	<b>43</b>	<b>61</b>	<b>61</b>	<b>61</b>	<b>61</b>	<b>61</b>	<b>61</b>	<b>61</b>	<b>61</b>	<b>61</b>	<b>61</b>	<b>61</b>	<b>61</b>	<b>61</b>	<b>61</b>	<b>61</b>	<b>61</b>	<b>61</b>	<b>61</b>	<b>61</b>	<b>61</b>	<b>61</b>	<b>61</b>	<b>61</b>
	<b>(%)</b>			<b>66.0%</b>	<b>85.1%</b>	<b>72.3%</b>	<b>87.2%</b>	<b>83.0%</b>	<b>30.2%</b>	<b>27.9%</b>	<b>16.3%</b>	<b>91.8%</b>	<b>85.2%</b>	<b>88.5%</b>	<b>70.5%</b>	<b>85.2%</b>	<b>59.0%</b>	<b>91.8%</b>	<b>78.7%</b>	<b>37.7%</b>	<b>88.5%</b>	<b>73.8%</b>	<b>83.6%</b>	<b>82.0%</b>	<b>90.2%</b>	<b>86.9%</b>	<b>88.5%</b>	<b>80.3%</b>	<b>86.9%</b>	<b>78.7%</b>	<b>34.4%</b>	<b>78.7%</b>	<b>73.8%</b>	<b>0.0%</b>

Evaluation criteria		Maximum points	Scale of measurement	Nuclear-Weapon States					Non-NPT Parties			Non-Nuclear Weapon States																	Other						
<b>Nuclear Security</b>				CHN	FRA	RUS	UK	USA	IND	ISR	PAK	AUS	AUT	BEL	BRA	CAN	EGY	GER	IDN	IRN	JPN	KAZ	ROK	MEX	NED	NZL	NOR	RSA	SWE	SWI	SYR	TUR	UAE	PRK	
1	<b>The Amount of Fissile Material Usable for Weapons</b>	-16	Firstly, -3 (if possessing fissile material usable for nuclear weapons). Then, deduct if: · HEU: -5 (>100t); -4 (>20t); -3 (>10t); -2 (>1t); -1 (possessing less than 1t) · Weapon-grade Pu: -5 (>100t); -4 (>20t); -3 (>10t); -2 (>1t); -1 (possessing less than 1t) · Reactor-grade Pu: -3 (>10t); -2 (>1t); -1 (possessing less than 1t)	-10	-12	-16	-12	-12	-8	-5	-6	-4	0	-4	0	-5	0	-4	0	-4	-8	-5	0	0	-5	0	-4	0	0	-5	0	0	0	0	-5
2	<b>Status of Accession to Nuclear Security and Safety-Related Conventions, Participation to Nuclear Security Related Initiatives, and Application to Domestic Systems</b>	21																																	
	A) Convention on the Physical Protection of Nuclear Material and the 2005 Amendment to the Convention	3	0 (not signing the Treaty); 1 (not ratifying the Treaty); 2 (not signing or ratifying the Amendment); 3 (both the Treaty and Amendment in force)	3	2	3	3	2	3	3	2	3	3	3	2	2	0	3	3	0	2	3	2	3	3	2	3	2	3	3	0	2	3	0	
	B) International Convention for the Suppression of Acts of Nuclear Terrorism	2	0 (not signing); 1 (not ratifying); 2 (in force)	2	2	2	2	1	2	1	0	2	2	2	2	2	1	2	0	0	2	2	1	2	2	1	1	2	1	2	1	2	2	2	0
	C) Convention on Nuclear Safety	2	0 (not signing); 1 (not ratifying); 2 (in force)	2	2	2	2	2	2	1	2	2	2	2	2	2	1	2	2	0	2	2	2	2	2	0	2	2	2	2	1	2	2	2	0
	D) Convention on Early Notification of a Nuclear Accident	2	0 (not signing); 1 (not ratifying); 2 (in force)	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	2	2	2	1
	E) Joint Convention on the Safety of Spent Fuel Management and on the Safety of Radioactive Waste Management	2	0 (not signing); 1 (not ratifying); 2 (in force)	2	2	2	2	2	0	0	0	2	2	2	2	2	0	2	2	0	2	2	2	0	2	0	2	2	2	2	0	0	2	0	0
	F) Convention on Assistance in Case of a Nuclear Accident or Radiological Emergency	2	0 (not signing); 1 (not ratifying); 2 (in force)	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	2	2	2	1
	G) INFCIRC/225/Rev.5	4	0 (not applying or no information); 2 (applying to the national implementation system); 4 (applying and implementing adequately)	2	2	2	2	2	2	0	2	2	0	2	2	0	0	2	2	0	2	0	2	2	2	0	0	2	2	2	0	2	2	2	0
	H) Enactment of laws and establishment of regulations for the national implementation	4	0 (not establishing domestic laws and regulations and the national implementation system); 1~2 (establishing them but insufficiently); 4 (establishing appropriately)	4	4	4	4	4	4	3	4	4	4	4	3	4	2	4	4	2	4	2	4	2	4	2	2	4	4	4	4	2	2	2	1
3	<b>Efforts to Maintain and Improve the Highest Level of Nuclear Security</b>	20																																	
	A) Minimization of HEU in civilian use	4	0 (no effort or no information); 1 (limited efforts); 3 (active efforts); add 1 (committed to further enhancement)	3	4	4	0	4	0	4	0	4	4	4	3	4	3	3	3	0	3	4	4	4	4	3	3	4	4	0	0	3	3	0	
	B) Prevention of illicit trafficking	5	0 (not implementing or no information); 2 (limited implementation); 4 (active implementation); add 1 (committed to further enhancement)	4	4	4	4	5	4	4	4	4	2	2	4	2	0	4	2	2	4	2	4	4	2	2	2	4	4	4	0	2	4	0	
	C) Acceptance of international nuclear security review missions	2	0 (not accepting or no information); 1 (accepting); 2 (actively accepting)	0	2	0	2	2	0	0	0	2	0	0	0	0	2	0	2	2	0	2	2	2	2	2	2	0	2	2	0	2	0	0	0
	D) Technology development –nuclear forensics	2	0 (not implementing or no information); 1 (implementing); 2 (actively implementing)	0	2	1	2	2	0	1	1	2	0	1	0	2	0	1	0	0	2	0	2	0	2	0	1	1	2	2	0	2	0	0	0
	E) Capacity building and support activities	2	0 (not implementing or no information); 1 (implementing); 2 (actively implementing)	1	2	1	2	2	1	0	1	1	1	1	0	1	0	2	1	0	2	1	2	0	2	0	1	1	2	1	0	0	0	0	0
	F) IAEA Nuclear Security Plan and Nuclear Security Fund	2	0 (no effort or information); 1 (participating); 2 (actively participating)	2	2	2	2	2	2	0	0	0	0	0	0	2	0	2	0	0	0	0	2	0	2	2	2	0	2	0	0	0	0	0	0
	G) Participation in international efforts	3	0 (not participating); 1 (participating in a few frameworks); 2 (participating in many or all frameworks); add 1 (if contributing actively)	1	3	3	3	3	1	1	1	3	1	3	1	3	0	3	0	0	3	3	3	3	3	3	3	1	3	3	0	1	1	1	0
	<b>Points</b>			20	25	18	22	25	17	17	15	31	25	25	26	25	13	30	25	6	24	22	36	28	31	21	24	29	37	26	6	24	25	-2	
	<b>Full Points</b>			41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41
	<b>(%)</b>			48.8%	61.0%	43.9%	53.7%	61.0%	41.5%	41.5%	36.6%	75.6%	61.0%	61.0%	63.4%	61.0%	31.7%	73.2%	61.0%	14.6%	58.5%	53.7%	87.8%	68.3%	75.6%	51.2%	58.5%	70.7%	90.2%	63.4%	14.6%	58.5%	61.0%	-4.9%	