

## Policies

Country: ROMANIA

Reporting Year: 2013

## National Systems

| Policy | (Yes;Partially;No) |
|--------|--------------------|
|--------|--------------------|

|     |  |     |
|-----|--|-----|
| Q14 | Has your Country implemented a national policy for radioactive waste management? | Yes |
|-----|--|-----|

Comment **# 7422: national strategy**

The national strategy has been approved by the Order of the Nuclear Agency President no. 844/2004 on the approval of the National strategy on medium and long term relating the management of nuclear spent fuel and radioactive waste, including disposal and decommissioning of nuclear and radiological facilities. this document establishes both strategy and policy of radioactive waste management.

| Strategies | (Yes;Partially;No) |
|------------|--------------------|
|------------|--------------------|

|     |   |     |
|-----|---|-----|
| Q15 | Has your country developed strategies to implement a national policy? | Yes |
|-----|---|-----|

Comment **# 7423: national strategy**

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| Requirements | (Yes;Partially;No) |
|--------------|--------------------|
|--------------|--------------------|

|     |  |     |
|-----|--|-----|
| Q17 | identified the parties involved in the different steps of radioactive waste management | Yes |
|-----|--|-----|

|     |  |     |
|-----|--|-----|
| Q18 | specified a rational set of safety, radiological and environmental protection objectives | Yes |
|-----|--|-----|

|     |   |     |
|-----|---|-----|
| Q19 | implemented a mechanism to identify existing and anticipated radioactive wastes | Yes |
|-----|---|-----|

|     |  |     |
|-----|--|-----|
| Q20 | implemented controls over radioactive waste generation | Yes |
|-----|--|-----|

|     |   |     |
|-----|---|-----|
| Q21 | identified available methods and facilities to process, store and dispose of radioactive waste on an appropriate time-scale | Yes |
|-----|---|-----|

|     |   |     |
|-----|---|-----|
| Q22 | taken into account interdependencies among all steps in radioactive waste generation and management | Yes |
|-----|---|-----|

|     |  |           |
|-----|--|-----------|
| Q23 | implemented appropriate research and development to support the operational and regulatory needs | Partially |
|-----|--|-----------|

|     |   |     |
|-----|---|-----|
| Q24 | implemented a funding structure and the allocation of resources that are essential for radioactive waste management | Yes |
|-----|---|-----|

|     |   |     |
|-----|---|-----|
| Q25 | implemented formal mechanisms for disseminating information to the public and for public consultation | Yes |
|-----|---|-----|

Comment **# 315: funding of waste management and decommissioning**

Law 111/1996 (as amended) requires the issuing of a law on radwaste management & decommissioning funds. The draft law is under review. It will establish the mechanism for funding waste management and decommissioning.

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| Responsibilities |   | (Complete;Incomplete) |
|------------------|---|-----------------------|
| Q28              | establish and implement a legal framework for the management of radioactive waste   | Incomplete            |
| Q29              | establish or designate a regulatory body that has the responsibility for carrying out the regulatory function with regard to safety and the protection of human health and the environment. | Complete              |
| Q30              | define the responsibilities of waste generators and operators of waste management facilities  | Complete              |
| Q31              | provide for adequate resources  | Incomplete            |
| Q33              | enforce compliance with regulatory requirements   | Complete              |
| Q34              | implement the licensing process   | Complete              |
| Q35              | advise the government   | Complete              |
| Q37              | identify an acceptable destination for the radioactive waste  | Complete              |
| Q114             | comply with legal requirements  | Complete              |

| Activities |  | (Yes;Partially;No) |
|------------|--|--------------------|
| Q43        | perform safety and environmental impact assessments for radioactive waste management facilities  | Yes                |
| Q44        | ensure adequate radiation protection for workers, the general public and the environment   | Yes                |
| Q45        | ensure suitable staff, equipment, facilities, training and operating procedures are available to perform the safe radioactive waste management steps                               | Yes                |
| Q46        | establish and implement a quality assurance programme for the radioactive waste generated or its processing, storage and disposal  | Yes                |
| Q47        | establish and keep records of appropriate information regarding the generation, processing, storage and disposal of radioactive waste, including an inventory of radioactive waste | Yes                |
| Q48        | provide surveillance and control of activities involving radioactive waste as required by the regulatory body  | Yes                |
| Q49        | collect, analyze and, as appropriate, share operational experience to ensure continued safety improvements in radioactive waste management   | Yes                |
| Q50        | conduct or otherwise ensure appropriate research and development to support operational needs in radioactive waste management  | Yes                |

| Clearance |   | (Yes;No) |
|-----------|---|----------|
| Q128      | Does your country have "clearly defined clearance levels based on radiological criteria, with policy statements that material below those levels can be recycled or disposed of with non-radioactive wastes"? | Yes      |
| Q129      | Has your country ever used a "case-by-case" approach to clearing radioactive wastes (excluding spent/disused sealed radioactive sources)?   | Yes      |
| Q130      | Has your country ever used clearance levels to dispose of, reuse or recycle radioactive waste as non-radioactive waste or as a non-radioactive resource (excluding spent/disused sealed radioactive sources)? | Yes      |

## Comment # 9740: Policies National Systems-Clearance

According to the NSR-01 the clearance levels are defined. The regulation NDR-02 on the clearance levels of materials originated from nuclear activities establishes the methodologies for approving by competent authority of the conditional and unconditional clearance levels of materials arising from nuclear activities including from decommissioning.

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## Disposal Facilities

| Licensing    |  | (Yes - All;Yes - Some;No) |
|--------------|--|---------------------------|
| Q53          | Environmental Assessment (EA)  | Yes - All                 |
| Q54          | Environmental Impact Statement (EIS)   | Yes - All                 |
| Q55          | Performance Assessment (PA)  | Yes - Some                |
| Q56          | Quality Assurance (QA)   | Yes - All                 |
| Q57          | Safety Assessment (SA)   | Yes - All                 |
| Q59          | If Quality Assurance is part of your Country's current, waste disposal facility licensing policy, does the QA Program conform to international standards (such as the ISO9000 series)? | Yes - All                 |
| Operation    |  | (Yes - All;Yes - Some;No) |
| Q60          | Does your Country have formal, documented waste acceptance criteria for its operating or proposed disposal facilities?   | Yes - All                 |
| Post-Closure |  | (Yes;No)                  |
| Q61          | Does your Country have any written policies to address the maintenance of records that describe the design, location and inventory of waste disposal facilities?                       | No                        |
| Q63          | Does your Country have any written policies to address active institutional controls or passive institutional controls, such as monitoring or access restrictions?                     | Yes                       |
| Q65          | access restrictions  | Yes                       |
| Q66          | drainage and/or leachate collection system(s)  | Yes                       |
| Q67          | leachate treatment systems   | No                        |
| Q68          | environmental monitoring   | Yes                       |
| Q69          | facility monitoring  | Yes                       |
| Q70          | surveillance   | Yes                       |
| Q71          | plans for intervention measures during active institutional control if there is an unplanned release of radioactive materials from the disposal facility                               | No                        |

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**Processing/Storage**

| <b>Policies/Procedures</b> |  | <b>(Yes;No)</b> |
|----------------------------|--|-----------------|
| Q73                        | waste sorting/segregation  | Yes             |
| Q74                        | waste minimization   | Yes             |
| Q75                        | waste storage  | Yes             |
| Q76                        | processing and/or storing and/or disposing of nuclear fuel cycle waste separately from non-nuclear fuel cycle waste (also known as nuclear applications waste) | Yes             |
| Q78                        | Does your country have any legislation, regulation, or policy that waste processing must take place prior to storage (see following note)                      | Yes             |
| <b>Implementation</b>      |  | <b>(Yes;No)</b> |
| Q80                        | In your Country are there any waste processing facilities at the same location where the waste is generated?   | Yes             |
| Q81                        | In your Country are there any centralized waste processing facilities?   | Yes             |
| Q82                        | In your Country are there any mobile waste processing facilities?  | No              |
| <b>Foreign</b>             |  | <b>(Yes;No)</b> |
| Q121                       | Has your country sent any wastes or spent fuel to another country for processing (reprocessing for fuel)?  | No              |
| Q124                       | Has your country accepted any wastes or spent fuel from another country for processing (reprocessing for fuel)?  | No              |

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## Spent/Disused SRS

| Registration |   | (Yes;No) |
|--------------|---|----------|
| Q84          | Is there a national level registry?   | No       |
| Q87          | Are there regional-level registries (one or more)?  | No       |
| Q90          | Are there local-level registries (one or more)?   | Yes      |
| Q115         | If the answer was yes, are any registries used only for disused/spent SRS?  | Yes      |
| Comment      | # 9741: Policies Spent SRS-Registration   |          |
|              | Each autorised waste management facility has own registry destined only for the disused/spent sealed radioactive sources. |          |

| Procedures |   | (Yes;No) |
|------------|---|----------|
| Q91        | Does your Country have documented procedures in place to ensure that sealed radioactive sources (SRS) are transferred to secure facilities in a timely manner after their user declares them to be spent? | Yes      |

| Agreements |   | (Yes;No) |
|------------|---|----------|
| Q93        | Government to Government agreements                                   | No       |
| Q94        | Government - Supplier agreements                                      | No       |
| Q95        | Supplier-User agreements  | Yes      |
| Q97        | Do any agreements include suppliers that are outside of your Country? | Yes      |
| Comment    | # 9743: Policies Spent SRS-Agreements                                 |          |

The import of sealed radioactive sources is issued to the authorised importers. The importers have to have the agreements with users in case the sealed sources become disused or spent sources. These agreement stipulate the obligation of the user to resent the spent sealed sources to the original supplier or to transfer the spent sealed sources as radioactive waste to a authorised waste management facility.

| Release / Disposal |  | (Yes;No) |
|--------------------|--|----------|
| Q99                | Does your Country have any regulations to free-release spent sealed radioactive sources (SRS)?                   | Yes      |
| Q100               | Has your Country disposed of spent SRS in existing disposal facilities for LILW or HLW waste?                    | Yes      |
| Q101               | Does your Country plan to dispose of spent SRS in existing or planned disposal facilities for LILW or HLW waste? | Yes      |
| Q102               | Has your Country implemented dedicated disposal facilities for spent SRS?  | Yes      |
| Q103               | Does your Country have plans to implement dedicated disposal facilities for spent SRS?                           | No       |

Comment # 9744: Policies Spent SRS-Release / Disposal

Th free release of SRS are prohibited in Romania. Each SRS has to be transfered to an authorised waste management facility. In Romania there is a disposal facility which can accomodate the SRS.

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**Import-Export****Radioactive Waste****(Yes;No)**

Q104 Does your Country have laws or Regulations restricting either the import or export of radioactive waste (excluding spent fuel)? Yes

Comment **# 9742: Policies Import-Export-Radioactive Waste**

According to the law 111/1996 the import of radioactive waste is prohibited.  
According to the NDR-01 the export of radioactive waste is permitted only into the countries which have technical and administrative capability and have the regulatory internal structure able to permit the safe management of radioactive waste.

**Spent Fuel****(Yes;No)**

Q105 Does your Country have laws or Regulations restricting either the import or export of spent fuel? Yes

**Liquid HLW****Storage****(Yes;No)**

Q106 Does your Country have high-level liquid wastes in storage? No

**UMMT****Responsibility****(Yes;No)**

Q110 Does your Country have any Uranium Mine and Mill Tailings sites that do not have a designated authority to manage them? No

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## Decommissioning

## Funding

(Yes - All;Yes - Some;No)

Q111 Does your Country require that funds should be set aside in support of future waste management activities, such as decommissioning activities? No

Comment **# 310: decommissioning fund**

The draft law on waste management and decommissioning fund is under review. After entering into force of the law, the requirement for establishing of decommissioning fund will enter into force

## Facilities

(Yes;No)

Q119 Does Your Country have any nuclear fuel cycle facilities? Yes

Q120 Does Your Country have any nuclear applications facilities (non fuel cycle facilities)? Yes

## Timeframe

(Yes - All;Yes - Some;No)

Q112 Does your Country require a time frame for the decommissioning of nuclear fuel cycle facilities once these facilities cease operation? No

Q113 Does your Country require a time frame for the decommissioning of non-nuclear fuel cycle facilities once these facilities cease operation? No

Comment **# 318: Time frame for decommissioning**

After the facility ceases to operate, it shall remain authorized. The costs for maintaining safety and protection, the liabilities, the availability of decommissioning techniques and waste management capabilities will establish the time frame for decommissioning. However, the decommissioning plan and the decommissioning authorization of nuclear installations shall include time frame for the various stages of decommissioning.