

# ELECTRONIC PLATFORM

COUNCIL DIRECTIVE 2006/117/EURATOM of 20 November 2006 on the supervision and control of shipments of radioactive waste and spent fuel, Article 19(2)

Member State	COMPETENT AUTHORITY	LANGUAGES ACCEPTED	CONDITIONS IF ANY
<b>AT</b>	Division of Radiation Protection Federal Ministry of Agriculture, Forestry, Environment and Water Management Untere Donaustraße 11 A-1020 Vienna <i>Austria</i>	German or English	Provide information on the schedule for an authorised transport not later than 14 days prior to factual shipment.
<b>BE</b>	Federal Agency for Nuclear Control Security and transport department Import and transport office 36 Rue Ravenstein 1000 Brussels <i>Belgium</i> Email: <a href="mailto:transport@fanc.fgov.be">transport@fanc.fgov.be</a> Website: <a href="http://www.fanc.fgov.be">www.fanc.fgov.be</a> Tel: +32 2 289 21 81	Dutch, French, German, English	Conditions: in general: <ul style="list-style-type: none"> <li>• Transport must be in accordance with the national and international regulations for the transport of dangerous goods of class 7</li> <li>• In case of import: the importer must be registered as importer and in some cases licenced</li> <li>• If applicable: the package must be approved by the Belgium competent authority</li> </ul>
<b>BG</b>	Bulgarian Nuclear Regulatory Agency 69 Shipchenski prokhoz Blvd. BG-1574 Sofia <i>Bulgaria</i> website: <a href="http://www.bnra.bg/en/front-page-en?set_language=en">www.bnra.bg/en/front-page-en?set_language=en</a>	Bulgarian or English	According to the “Act on the Safe Use of Nuclear Energy” (ASUNE/2002) the shipments of radioactive waste (RAW) and spent fuel (SF) are carried out after a permit for import/export and a permit for transport, granted by the NRA Chairman for each particular case. The applicant shall submit all necessary documents in accordance with the “Regulation on the Procedure for Issuing Licences and Permits for Safe Use of Nuclear Energy”, 2004. These documents are related to the “Regulation on the Conditions and Procedure of Transport of Radioactive Material”, 2005. This Regulation is based on the general conditions for safe transport, established in the IAEA Safety Requirements No. TS-R-1 and the Model Regulations ADR, RID, IMDG Code, ICAO-TI and AND. Additionally, according to the ASUNE: it shall be prohibited to import RAW in the Bulgarian territory, except upon re-import of used sealed sources manufactured in Bulgaria or where the radioactive waste is generated as a result of the processing of materials performed as a service in favour of

			Bulgaria or of a Bulgarian legal entity; the applicant shall pay a fee, fixed in the “Tariff for the fees collected by the NRA”, 2003.
<b>CZ</b>	State Office for Nuclear Safety Division of Radioactive Waste and Spent Fuel Management Senovážné namesti 9 CZ-110 00 Prague 1 <i>Czech Republic</i>	Generally: Czech, Slovak. Moreover, all the documents necessary for the administrative proceedings regarding the issuance of the shipment authorisation according to the Directive 2006/117/ Euratom may be submitted in English.	According to the Article 9 para 4 letter a) and letter b) of the <b>Act No. 263/2016 Coll.</b> (Atomic Act) and Article 3 of the <b>Decree No. 379/2016 Coll.</b> (concerning the approval of some products in the field of peaceful use of nuclear energy and ionising radiation and the shipment of radioactive or fissile material) prior authorisation of the State Office for Nuclear Safety is needed for therein specified types of shipment.  <i>Art. 3 of the Decree No. 379/2016 Coll.:</i> <i>1. Shipment requiring authorisation pursuant to Art. 9 para 4 letter a) or b) of the Atomic Act is shipment of</i> <i>a) fissile material if the sum of the criticality safety indices of packages in one conveyance or freight container is greater than 50;</i> <i>b) nuclear fuel;</i> <i>c) a package containing special form radioactive material with activity greater than <math>3 \cdot 10^3 A_1</math>, radioactive material other than special form with activity greater than <math>3 \cdot 10^3 A_2</math> or radioactive material with activity greater than 1 000 TBq, depending on which of these values is lower;</i> <i>d) radioactive or fissile material in packaging of Type B(M) that is not designed for a temperature range of minus 40 °C to plus 70 °C or that is designed to permit occasional controlled ventilation; and</i> <i>e) radioactive or fissile material via a vessel intended for this purpose with a specified radiation protection programme.</i>  <i>2. Shipment requiring authorisation pursuant to Art. 9 para 4 letter a) or b) of the Atomic Act, and in the case of international shipment also authorisation of the relevant authority of the state that the shipment concerns, is shipment of</i> <i>a) radioactive or fissile material containing radionuclides whose values of <math>A_1</math> and <math>A_2</math> not listed in Table 2 of Annex 3 to the Decree No. 379/2016 Coll. were stipulated by calculation pursuant to Points 3 to 7 of Annex 3 to this decree;</i> <i>b) radioactive or fissile material contained in an instrument or product and containing radionuclides whose values for a package exception listed in column 5 of Table 2 of Annex 3 to the Decree No. 379/2016 Coll. were replaced by values calculated according to principles and methods stipulated in Annex 6 to this decree; and</i> <i>c) fissile substances pursuant to Point 17(f) of Annex 3 to the Decree No. 379/2016 Coll.</i>

			<p>To obtain the abovementioned authorisation, the applicant needs to submit the documentation stipulated in Annex I, point 4 of the Atomic Act.</p> <p>According to <b>Article 137 of the Act No. 263/2016 Coll. (Atomic Act)</b> a design of the Type B(U) and the Type C package used for radioactive material transport has to be approved by one of the Member State of the European Union, Turkey or by a Member State of the European Free Trade Association, which is simultaneously a party to the European Economic Area.</p> <p>According to <b>Act No. 634/2004 Coll., on Administrative Fees</b>, as amended (Annex, Heading No. 106, point 2, letter d)), the applicant is obliged to pay a fee of 1000 Kc for the acceptance of the application for issuance of shipment authorisation. This fee shall be paid no later than at the moment of the submission of the application.</p>
<b>CY</b>	<p>Ministry of Labour, Welfare and Social Insurance Radiation Inspection and Control Service Department of Labor Inspection 12 Apellis Street CY-1493 Lefkosia (Nicosia) <i>Cyprus</i></p>	Greek or English	<p>Prior to any shipment of radioactive waste, an application in writing shall be submitted to the competent authority, by completing the relevant documents, and a license is granted in advance. The documents attached as annexes to the EURATOM Regulation no. 1493/93 shall also be used.</p> <p>For the shipment of radioactive waste or spent fuel, the standard document for the supervision and control of shipments of radioactive waste and spent nuclear fuel attached as an Annex to the Commission Decision 2008/312/Euratom of 5 March 2008 shall be used. This standard document has also been published as a Notification of the Minister of Labour, Welfare and Social Insurance in the Official Gazette of the Republic dated 30.4.2009 and is uploaded at the website of the competent authority.</p> <p>The management of spent fuel in the Republic is prohibited by law.</p>
<b>DE</b>	<p>Bundesamt für Wirtschaft und Ausfuhrkontrolle (BAFA) Referat323 – Nukleartechnik (NSG), Radioaktive Stoffe Frankfurter Straße 29-35 D-65760 Eschborn <i>Germany</i></p>	German or English	<p>Prior to shipments, due to Germany's federal structure, local authorities which are competent supervising offices will be additionally involved.</p>
<b>DK</b>	<p>Danish Health Authority Radiation Protection Knapholm 7 DK-2730 Herlev <i>Denmark</i></p>	Danish and English	<p>No shipment of nuclear or radioactive waste of Non-Danish origin for the purpose of its disposal in Denmark shall be authorized .</p>

<b>EE</b>	Ministry of the Environment of Estonia Narva str 7a EE-Tallinn 15172 <i>Estonia</i>	Estonian or English	According to Estonia Radiation act the necessary documents for the import, export or transit of radioactive waste are:  1) application for transport permit; 2) authorization by competent authorities; 3) transport permit; 4) list of packaging; 5) notice on receipt of radioactive waste.  A radiation practice license is not required for activities upon which the activity concentrations or total activity of used radionuclides is less than the exemption value. The bases for calculation of exemption values, and the exemption values for radionuclides shall be established by a regulation of the Government.
<b>EL</b>	Greek Atomic Energy Commission Department of Licensing & Inspections P.O. Box 60092 GR-153 10 Aghia Paraskevi-Attiki <i>Greece</i>	Greek or English	General conditions and additional requirements, necessary for the EEAE to authorise a shipment: as described in the existing International, European and National Legislation, relevant to the transport of radioactive materials, radioactive waste and spent fuel in general.
<b>ES</b>	Subdirección General de Energía Nuclear - Dirección General de Política Energética y Minas Ministerio de Energía, Turismo y Agenda Digital Paseo de la Castellana 160, 6ª Planta Despacho 37 E-28046 – Madrid <i>Spain</i> Email: <a href="mailto:sgenergianuclear@minetad.es">sgenergianuclear@minetad.es</a>  Consejo de Seguridad Nuclear C/ Pedro Justo Dorado Dellmans, 11 E-28040 – Madrid Email: <a href="mailto:erj@csn.es">erj@csn.es</a> <i>Spain</i>	Spanish and English	Relevant Spanish pieces of legislation on transport

<b>FI</b>	Radiation and Nuclear Safety Authority (STUK) Nuclear Waste and Material Regulation P.O. Box 14 FI – 00881 Helsinki <i>Finland</i>	Finnish, Swedish and English	<p>No shipment of nuclear or radioactive waste of non-Finnish origin for the purpose of its disposal in Finland shall be authorized because such imports/transfers to Finland are prohibited by national legislation.</p> <p><b>Nuclear Waste</b>  A separate licence is required for the transport of nuclear waste (including spent fuel) in Finland and through Finnish territory (Article 2 of the Nuclear Energy Act). The licensing authority is the Radiation and Nuclear Safety Authority (STUK). The licence procedure and other requirements are presented in the Nuclear Energy Degree (Article 17 and Section 8) and in the Regulatory Guide YVL D.2 (Transport of nuclear materials and nuclear waste).</p> <p><b>Non-nuclear radioactive waste</b>  Radioactive waste or material containing radioactive waste may be imported to, exported from or carried in transit through the territory of Finland only with the prior authorization (license) from the Radiation and Nuclear Safety Authority for each consignment.</p> <p>Disused radiation sources that were not manufactured in Finland may not be imported to Finland as radioactive waste.</p> <p>When transferring radioactive waste the possession of which requires a safety license, the transferor shall ensure that the transferee has a safety license to possess the transferred waste.</p> <p>The licensing procedure is further explained in the Regulatory Guide ST 5.7 (Shipments of radioactive waste and spent fuel).</p> <p>The above mentioned regulations are available in English at STUK's website <a href="http://plus.edilex.fi/stuklex/en/">http://plus.edilex.fi/stuklex/en/</a></p>
<b>FR</b>	Bureau réglementation et affaires techniques Sous-direction de l'Energie nucléaire Direction générale de l'Énergie et du Climat Ministère de l'Énergie, de l'Environnement et de la Mer (MEEM) Tour Sequia F-92055 LA DEFENSE Cédex <i>France</i> Email : nuclear-transfer@developpement-durable.gouv.fr	French or English	All transport operations and any kind of storage of RAW and/or SF need to be licensed by the competent authority

<b>HR</b>	State Office for Radiological and Nuclear Safety Frankopanska 11 HR-10000 Zagreb <i>Croatia</i>	English (or Croatian if available)	no additional requirements are necessary to authorise a shipment.
<b>HU</b>	Hungarian Atomic Energy Authority P.O. Box 676 Fényes Adolf str. 4 HU-1036 Budapest <i>Hungary</i>	Hungarian or English	The carrier of the radioactive waste or spent fuel should have valid Hungarian transport physical protection licence issued by the Hungarian Atomic Energy Authority or registered according to the provisions of the Government Decree '190/2011. (IX. 19.) <i>Korm. on physical protection requirements for various applications of atomic energy and the corresponding system of licensing, reporting and inspection</i> ' .
<b>IE</b>	Office of Radiological Protection Environmental Protection Agency 3 Clonskeagh Square Clonskeagh Road IE-Dublin 14 H424 <i>Ireland</i>	English	Adherence to European and international regulations in relation to the transport and packaging of materials. Provision of a full risk assessment for the transport that takes account of all matters concerning the safe and secure transport of materials including the protection of workers and members of the public. Adherence to national radiation protection and transport regulations as provided for in Irish Law including licensing provisions. Statutory Instrument No. 86/2009 - European Communities (Supervision and Control of Certain Shipments of Radioactive Waste and Spent Fuel) Order, 2009 gives effect in Ireland to Council Directive 2006/117/Euratom.
<b>IT</b>	Ministero dello Sviluppo Economico Direzione Generale per il Mercato Elettrico, le Rinnovabili e l'Efficienza Energetica, il Nucleare Divisione V – Impieghi Pacifici dell'Anergia Nucleare, Ricerca e Gestione di Materiali e Rifiuti Nucleari Via Molise, 2 I-00187 Roma  Istituto Superiore per la Protezione e la Ricerca Ambientale (ISPRA - ex-APAT) Department of Nuclear, Industrial and Technological Risk Division of Nuclear Plants Via Vitaliano Brancati 48 I-00144 Roma <i>Italy</i>	Italian	Condizioni generali e requisiti aggiuntivi, eventuali, necessari alle autorità competenti per autorizzare una spedizione: nessun requisito aggiuntivo.

<b>LT</b>	Radiation Protection Centre (RPC) Kalvariju st. 153, LT-08221 Vilnius <i>Lithuania</i>	Lithuanian or English	All general conditions and additional requirements, if any, necessary for the competent authority/ies to authorise a shipment - General requirements in Lithuania for the authorization of the shipments between Member States are implemented according to the Council Directive 2006/117/Euratom. There are no other additional requirements.
<b>LV</b>	Radiation Safety Centre State Environmental Service Rupniecibasla 23 LV-Riga 1045 <i>Latvia</i>	Latvian	In LV legislation the carriers shall submit to the Competent Authority (Radiation Safety Centre of State Environmental Service of the Republic of Latvia) an application for receipt of licence for shipment of radioactive material or radioactive waste.
<b>LU</b>	Ministère de la Santé Division de la Radioprotection Villa Louvigny- Allée Marconi L-2120 Luxembourg <i>Luxembourg</i>	French, German, English or Luxembourgish	All transport operations and any kind of storage of RAW and/or SF need to be licensed by the competent authority (Ministry of Health)
<b>MT</b>	Environment & Resources Authority Hexagon House Spencer Hill MT-Marsa MRS 1441 <i>Malta</i>	English	All general conditions and additional requirements, if any, necessary for the competent authority/ies to authorise a shipment. – Until now, Malta did not have any shipments (imports, exports and/or transits) of radioactive waste and spent fuels. Therefore no such authorisations have been issued.
<b>NL</b>	Authority for Nuclear Safety and Radiation Protection (ANVS) Postbus 16001 NL-2500 BA Den Haag <i>The Netherlands</i>	Accepted languages are Dutch and English (we also accept applications in French and German, but we respond in English).	There are no additional requirements concerning the Directive 200/117/Euratom. However the <i>transport</i> of radioactive material on Dutch territory requires a license or must be pre-notified according to the Dutch Nuclear Energy Act. More information is available at: <a href="https://english.autoriteitnvs.nl/topics/transport">https://english.autoriteitnvs.nl/topics/transport</a> .  Email address for applications: <a href="mailto:Postbus.TransportAanvraag@anvs.nl">Postbus.TransportAanvraag@anvs.nl</a> . More information: <a href="https://english.autoriteitnvs.nl/">https://english.autoriteitnvs.nl/</a> .
<b>PL</b>	National Atomic Energy Agency Krucza Street 36 PL-00-522 Warsaw <i>Poland</i>	Polish or English	Appropriate license for transport radioactive waste or license for transport spent nuclear fuel issued by the President of the National Atomic Energy Agency.

<p><b>PT</b></p>	<p>COMRSIN (Comissão Reguladora para a Segurança das Instalações Nucleares)  Palácio das Laranjeiras  Estrada das Laranjeiras, 205  P-1649-018 Lisboa  <i>Portugal</i>  Email: geral-comrsin@comrsin.pt;  acsfonseca@comrsin.pt  Website: www.comrsin.pt</p>	<p>Portuguese,  English and  French</p>	<p>In addition to the specific requirements laid down by treaty, Portugal considers it important that there is effective proof that the transport has appropriate civil liability insurance, that the transport packaging is internationally certified for the transport of the same waste, and that in the case of ground transportation There are contacts with national security officers and security measures commensurate with the risks involved and the nature of the cargo. In addition, the Convention for the Physical Protection of Nuclear Material and the Additional Amendment should be respected.</p>
<p><b>RO</b></p>	<p>CNCAN (Comisia Națională pentru Controlul Activităților Nucleare)  14 B-dul. Libertatii Street, Sector 5  RO-050706, Bucharest  <i>Romania</i></p>	<p>Romanian or  English</p>	<p><b><u>General conditions</u></b>  The general conditions for transport of radioactive materials including radioactive waste and spent nuclear fuel are mentioned in modal regulation which Romania ratified by the following acts:</p> <ol style="list-style-type: none"> <li>a) The European Agreement concerning the International Carriage of Dangerous Goods by Road (ADR) was done at Geneva on 30 September 1957, with subsequent modification and completion , ratified by Romania by Law no. 31/1994, published in Official Bulletin of Romania, Part I, no. 136 on 31 May 1994, ;</li> <li>b) Regulations concerning the International Carriage of Dangerous Goods by Rail, part of Appendix C of Convention concerning international carriage by rail, COTIF signed at Berna at 9 May 1980, ratified by State Council Decree no. 100/1983, as it is modified by Vilnius Protocol at 3 June 1999, ratified By Governmental Ordinance no. 69/2001, approved by Law no. 53/2002;</li> <li>c) European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways, adopted in Geneva at 26 May 2000, with subsequent modification and completion, ratified by Romania by Law no. 159/2008, published in Official Bulletin of Romania , Part 1, no. 675 and 675 bis in 1 October 2008;</li> <li>d) Technical Instructions for the Safe Transport of Dangerous Goods by Air, which complement Annex 18 to the Chicago Convention on International Civil Aviation (Chicago 1944), published by the International Civil Aviation Organization (ICAO) in Montreal.</li> </ol> <p><b><u>Additional conditions</u></b>  Additional conditions for transport of radioactive waste and spent nuclear fuel are mentioned in the following acts:</p> <ul style="list-style-type: none"> <li>• Law on the safe deployment, regulation, authorisation and control of nuclear activities republished <a href="http://www.cncan.ro/legislation/laws/">http://www.cncan.ro/legislation/laws/</a></li> </ul>



			<ul style="list-style-type: none"> <li>• CNCAN Order no. 357/2005 approving the Regulation on the transport of radioactive materials and published in the Official Bulletin, Part I no. 1152/20.12.2005 (<a href="http://www.cncan.ro/bd/norme/ntr-01%20-%20ordin%20cncan%20357-2005.pdf">http://www.cncan.ro/bd/norme/ntr-01%20-%20ordin%20cncan%20357-2005.pdf</a>)</li> <li>• CNCAN Order 443/2008 approving the Regulation on Supervision and Control on international shipments of radioactive waste and spent nuclear fuel involving Romanian territory, published in the Official Bulletin, Part 1 no. 797/2008, <a href="http://www.cncan.ro/despre-noi/legislatie/norme/norme-privind-managementul-deseurilor-radioactive/">http://www.cncan.ro/despre-noi/legislatie/norme/norme-privind-managementul-deseurilor-radioactive/</a></li> <li>• CNCAN Order no. 303/2007 approving the Guide on Physical Protection of nuclear materials during transport, published in the Official Bulletin, Part 1 no. 657/26.09.2007 <a href="http://www.cncan.ro/despre-noi/legislatie/ghiduri/ghiduri-de-protectie-fizica-in-domeniul-nuclear-gpf/">http://www.cncan.ro/despre-noi/legislatie/ghiduri/ghiduri-de-protectie-fizica-in-domeniul-nuclear-gpf/</a></li> </ul>
<b>SK</b>	<p>Nuclear Regulatory Authority of the Slovak Republic (nuclear safety) Bajkalska 27 P. O. Box 24 820 07 Bratislava</p> <p>Public Health Authority of the Slovak Republic (radiation protection) Trnavska cesta 52 P. O. Box 45 826 45 Bratislava <i>Slovak Republic</i></p>	Slovak or English	<p>All general conditions as well as requirements which are necessary to authorise shipment are given in national legal documents depending on type of material to be shipped.</p> <p>For shipment of spent fuel and radioactive waste from nuclear installations: Atomic act No. 541/2004 Coll. as amended and Decree No. 57/2006 Coll. – as last amended by Decree No. 105/2016 Coll.</p> <p>For shipment of institutional radioactive waste including disused sealed sources and radioactive substances other than above: Public health act No. 355/2007 Coll. as amended and respective regulations based on it.</p> <p>With regard to legislative provisions also special additional safety requirements might be put in place by regulatory body if necessary</p>
<b>SE</b>	<p>Swedish Radiation Safety Authority (SSM) Solna strandväg 96 SE-171 16 STOCKHOLM <i>Sweden</i></p>	Swedish or English	<p>Foreign nuclear waste - as defined in the Swedish Nuclear Activities Act - has to be returned at the latest three years after the day of receiving the waste, i.e. processing of a specific batch of foreign nuclear waste in Sweden has to be performed within that time-frame.</p>
<b>SI</b>	<p>Slovenian Nuclear Safety Administration Litostrojska cesta 54 SI - 1000 Ljubljana Phone : +386 1 472 11 00 Fax : +386 1 472 11 99</p>	Slovenian or English	<p>Currently for the transit of radioactive waste and spent fuel across Slovenia the license issued by the SNSA is mandatory.</p> <p>In the above licensing process the facts and evidence provided within the authorization process set in the Council Directive 2006/117/EURATOM of 20 November 2006 on the supervision and control of shipments of radioactive waste and spent fuel, shall be</p>

	E-mail: gp.ursjv@gov.si <i>Slovenia</i>		dully  considered.
UK	<p>(for England) The Environment Agency International Waste Shipments Team Richard Fairclough House Knutsford Road Warrington WA4 1HT <i>United Kindgom</i> Tel. +44 1925542265 Fax: +44 1925542105 Email: shipments@environment-agency.gov.uk Website: https://www.gov.uk/radioactive-waste-spent-fuel-or-sources</p> <p>(for Nothern Ireland) Chief Radiochemical Inspector Northern Ireland Environment Agency Industrial Pollution and Radiochemical Inspectorate Klondyke Building Cromac Avenue Gasworks Business Park Belfast BT7 2JA <i>United Kindgom</i> Tel. +44 2890569299 Fax: +44 2890569263 Email: ipri@doeni.gov.uk Website: www.doeni.gov.uk/niea/</p> <p>(for Scotland) Radioactive Substances Unit Scottish Environment Protection Agency Strathallan House Castle Business Park Stirling FK9 4TZ <i>United Kindgom</i></p>	English	<p>In order to move waste to and from the UK an application must be made under the <u>Transfrontier Shipment (TFS) of Radioactive Waste and Spent Fuel Regulations 2008</u>. In addition, it may be necessary to apply for authorisation for the accumulation or disposal of radioactive waste. Radioactive substances activities are regulated under the Schedule 23 of the Environmental Permitting (England and Wales) Regulations 2016 in England and Wales and under the Radioactive Substances Act 1993 in Scotland and Northern Ireland. The competent authorities for authorisation of TFS are the Environment Agency (England), Scottish Environmental Protection Agency, Natural Resources Wales, and the Northern Ireland Environment Agency.</p>

	<p>Tel. +44 1786457700 Fax: +44 1786446885 Email: RSEnquiries@sepa.org.uk Internet: www.sepa.org.uk</p> <p>(for Wales) Natural Resources Wales Waste Shipment Unit St Mellons Business Park Cardiff CF3 OEY <i>United Kindgom</i> Tel. +44 2920245315 Fax: +44 2920362487 Email: Waste- shipments@naturalresourceswales.gov.uk Website: www.naturalresourceswales.gov.uk</p>		
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