



## Information

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Author: Thomas Nilsson

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# Information on legal requirements for Transport of Radioactive Material under Swedish jurisdiction

*This document should not be referred to as having any legal status*

## The need for a transport permit

This document contains guidance on when such permits are required and where to apply for them, with a focus on the requirements for non-Swedish companies when shipping under Swedish jurisdiction. Provided below is information on the applicable acts and definitions.

The Swedish Radiation Safety Authority (SSM) processes applications for permits for transport of radioactive material, including fissile materials.

The Act on Nuclear Activities states that a permit is required for transport of nuclear material and for nuclear waste. (Concerns fissile materials and waste from a nuclear facility.)

The Radiation Protection Act states that a permit is required for transport of radioactive material. (All radioactive materials not considered as nuclear materials or nuclear waste.)

If a permit has been issued under the Nuclear Activities Act, no additional permit issued under the Radiation Protection Act is needed.

Transport of radioactive material on Swedish territory, including transport on Swedish marine vessels and aircraft, requires a transport permit issued by SSM. Transport on non-Swedish marine vessels and aircraft entering or leaving Swedish ports or airports also requires this kind of permit.

For transit transport through Swedish territory, transit via Swedish ports and airports and transport on ships/vessels registered in Sweden and used in international traffic, there is no Swedish consignor or consignee and thereby no Swedish holder of the necessary transport permit. In such cases, the foreign company taking the responsibility for the transport – this means the consignor, the carrier or a logistics company – is required to apply for a permit from SSM.



A holder of a permit is liable to fulfil the requirements imposed by the Act on Nuclear Activities or the Radiation Protection Act, and SSM's regulations as well as arrangements/arrange for the physical protection/security of a shipment (if applicable).

### **How to apply for a permit to transport radioactive material**

SSM issues permits on a case-by-case basis after having received details of a shipment. SSM may, however, also issue a transport permit with a validity period of a maximum of three years if applied for, provided we (SSM) receive sufficient information on the below items.

SSM will assess the applicant's ability to fulfil the requirements of a given permit. SSM needs to assess the applicant's shipment plans and its level of competence. The permit will limit the kind of radioactive material that may be shipped.

An application sent to SSM regarding Transport of Radioactive Material should normally include the following information:

- Name, address and telephone number of the applicant.
- The official registration number (e.g. VAT registration number).
- The name of the Safety Advisor (if applicable) for transport of dangerous goods together with the Safety Advisor's address and telephone number.
- A description of the material (radionuclides, activity, chemical and physical form). Enrichment of uranium and mass of all fissile nuclides (if applicable).
- Carriers that will be used for the transport (if applicable).
- Description of the shipments (UN number, type of package, mode of transport, route, consignor and consignee, estimated number of shipments).
- Reference to a Radiation Protection Program document or a description of how your organization has implemented a Radiation Protection Program in the Management System. (For more information, e.g. *IAEA Safety Guide No. TS-G-1.3, Radiation Protection Programmes for the Safe Transport of Radioactive Material*).
- Verification that your company has a Management System (Quality Assurance Program/QA), e.g. ISO-9001 certification. (For more information, e.g. *IAEA Safety Guide No. TS-G-1.4, Management System for the Safe Transport of Radioactive Material*).
- Copies of relevant parts of the applicant's Management System assuring compliance with international dangerous goods transport regulations.
- Copies of relevant parts of the applicant's quality assurance program assuring that physical protection measures are made in accordance with the IAEA's *Nuclear Security Recommendations on Physical Protection of Nuclear Material and Nuclear Facilities*, *IAEA Nuclear Security Series No. 13* (IAEA INFCIRC/225/Rev. 5). (Regarding transit-transport through Swedish territory, requirements that are more stringent may be imposed. Please contact SSM for more information.)



- Copies of the relevant certificates, if applicable. E.g. a certificate of approval of package design (*Validation of Certificates must be applied for separately if applicable.*)
- Special arrangements in the event of an accident or incident, when applicable.

### **Anticipated processing time**

Anticipated processing time by SSM is approximately 1 – 4 months depending on the complexity of the matter.

### **Approvals according to dangerous goods regulations**

For transports on Swedish territory or otherwise under Swedish jurisdiction, the ADR, RID, IMDG-code and the ICAO Technical Instructions are applicable for the respective modes of transport.

SSM is the Swedish Competent Authority for approvals of Package design, shipments, Special Arrangements, Special Forms and the calculation of unlisted A-values.

### **Control of shipments of Radioactive Waste and Spent Fuel between Member States of the European Community (Council Directive 2006/117/EURATOM)**

Shipments of radioactive waste or spent fuel, into or from Swedish territory, shall also be subject to handling within the scope of Directive 2006/117/EURATOM.

### **Charge**

The Swedish Government has, in the *Ordinance (2008:463) on certain fees to the Swedish Radiation Safety Authority*, decreed that fees are to be paid to SSM for certain applications etc. Ask SSM about the charge for the relevant application.

The licence fee must be paid in connection with the application. SSM may send an invoice for this amount to the licensee.

### **Contact points at SSM**

For questions regarding the processing of applications:

Please send an e-mail to [registrator@ssm.se](mailto:registrator@ssm.se) (the Registry at SSM) or call a transportation officer or a legal adviser through SSM's switchboard on +46 8 799 40 00 depending on the kind of question you have.

Please, send applications to SSM via [registrator@ssm.se](mailto:registrator@ssm.se) or to the Postal address below.

Please, do not send an application directly to an SSM employee. The officer in charge is not selected until the document has been registered. Since inspectors e.g. travel often, your matter might be delayed before any registration takes place.

Postal address (international):

Swedish Radiation Safety Authority, SE-171  
16 Stockholm, Sweden



Postal address (domestic): Strålsäkerhetsmyndigheten, 171 16,  
Stockholm

Visitors' addresses: Hantverkargatan 1-3, Katrineholm  
Solna strandväg 96, Solna  
Östra Hamngatan 17, Göteborg

Telephone: +46 8 799 40 00

Fax: +46 8 799 40 10

E-mail: [registrator@ssm.se](mailto:registrator@ssm.se) (official E-mail) or [firstname.lastname@ssm.se](mailto:firstname.lastname@ssm.se)

### **Domestic banking and account details (within Sweden)**

**Account name:** Strålsäkerhetsmyndigheten  
**Account holder address:** 171 16 Stockholm  
**Bank name:** Danske bank  
**Account number (Bankgiro):** 293-2192  
**VAT no.(Momsregistreringsnummer):** SE202100573701  
**Organisations number:** 202100-5737

### **International banking and account details**

**Account name:** Swedish Radiation Safety Authority  
**Account holder address:** SE-171 16 Stockholm, SWEDEN  
**Bank name:** Danske bank  
**Bank address:** Box 7523, SE-103 92 Stockholm, SWEDEN  
**Account number:** 12810103402  
**IBAN:** SE 5912 000 000 0128 1010 3402  
**SWIFT/BIC:** DABASESX  
**VAT no.:** SE202100573701

### **For more information about the Authority and its operations:**

[www.stralsakerhetsmyndigheten.se](http://www.stralsakerhetsmyndigheten.se) or [www.ssm.se](http://www.ssm.se)

The Swedish Radiation Safety Authority (SSM) is a regulatory authority responsible for radiation protection and nuclear safety since established on 1 July 2008. SSM assumed the responsibilities of the former authorities, the Swedish Radiation Protection Authority (SSI) and the Swedish Nuclear Power Inspectorate (SKI), as these authorities ceased to exist on 30 June 2008.