

EAN Survey – national arrangements for reporting radiation incidents

The new OTHEA website has raised questions about the methods for reporting radiation accidents to the relevant national authorities. OTHEA is **not** a reporting mechanism, but it would be useful if it provided a brief description of what the relevant reporting arrangements are in each country. If you wish this to be included in OTHEA, please answer the three questions below.

Note: please supply the information using the relevant national language(s). However, for the purposes, it would help if you could also provide an English translation.

1. Name of country:

Armenia - Belgium - France - German - Greec - Ireland - Lithuania - Spain - Sweden

or
ht,

and how they should be contacted. Please indicate where different notifications are required for different types of incidents. If possible, please supply relevant weblinks.

2. Summary of reporting arrangements for operators

3. In the box below, please indicate whether there are any special arrangements for **individuals** (eg workers or members of the public) to report radiation incidents to the relevant authorities.

3. Summary of reporting arrangements (f any) for individuals

Information supplied by:

Email address:

Date:

Republic of Armenia

Reporting arrangements for operators/employers

In case of nuclear accidents at NPP, shift supervisor or another assign person (it depends on the classes of event and plant technological conditions) has to notify to the local authorities, Armenian Nuclear Regulatory Authority (ANRA), Emergency management ministry of RA through the notification systems indicated in the on-site emergency plan.

In case of radiological events (events with lost, stolen or other ionizing radiation source contamination), the notification could be done by the entities or physical persons to the police, national Security service and Armenian Nuclear Regulatory Authority through the official channels.

Reporting arrangements for individuals

The workers of given facilities have no rights to notify officially. There are no special arrangements as such for workers. As for public: any person from the public has rights to notify/apply to ANRA about unusual events or “strange” devices. No special written arrangements for them as well.

Communication/information systems

- Nuclear industry: INES., National standards on RP, national action levels, national codex alimentary for foodstuff
- Non-nuclear industry: INES, National standards on RP
- Transport of radioactive sources: INES
- Medical sector: National standards on RP

No publication on the web.

Contact: Aida Avetisyan, head of radiation safety section,
a.avetisyan@anra.am

Germany

Reporting arrangements for operators/employers

The license holder (= operator) is obliged to report any incident incl. loss and finding of radioactive material to its local authority according to regulatory requirements in his license. The information procedure is not formalized and might use different channels (email, fax, telephone). Some state authorities use specific forms.

Additionally, the loss and finding of a high activity sealed radioactive source (acc. to Directive 2003/122/EURATOM) has to be notified using a certain web application, which is part of the register of high activity sealed radioactive sources.

An official summary of all radiological incidents is published annually (Parlamentsbericht).

Reporting arrangements for individuals

- Workers have to follow radiation safety instructions, which are formally required in order to receive a license. The specific requirements also comprise obligations to report incidents or deviations from routine work procedures. The entity has to comply with the regulations referred to as in no. 2.
- Members of the public usually contact local security offices (police, fire brigades, ...) in case of any potential radiological hazard. The security office then gives the information to the local state authority for radiation protection.

Communication/information systems

- Nuclear industry: Yes, INES
- Non-nuclear industry: No
- Transport of radioactive sources: No
- Medical sector: No (application of something similar to INES is planned)
- Other sectors (e.g. Research activities): No

No publication on the web.

Contact: Uwe Häusler
Federal Office for Radiation Protection, AG SG 2.5
Koepenicker Allee 120-130, D-10318 Berlin (Germany)
Tel: ++49.(0)3018.333.4518
Fax: ++49.(0)3018.333.4515
uhaeusler@bfs.de

Greece

Reporting arrangements for operators/employers

The Greek Radiation Protection Regulations require that in the event of a radiation incident, operators/employers should report it immediately to the Greek Atomic Energy Commission (GAEC) through telephone, fax or e-mail.

Contact information
Tel: +30 210 6506700/ +30 210 6503540
Fax: +30 210 6506748
e-mail: info@eeae.gr

Reporting arrangements for individuals

Workers or members of the public can contact the GAEC for reporting radiation incidents or consultation through phone, fax, or e-mail.

Contact information
Tel: +30 210 6506700/ +30 210 6503540
Fax: +30 210 6506748
e-mail: info@eeae.gr

Communication/information systems

- Nuclear industry: INES
- Non-nuclear industry: INES
- Transport of radioactive sources: INES, IAEA Illicit Trafficking Database (ITDB)
- Medical sector: INES
- Other sectors (e.g. Research activities): INES

Publication on the web: the incidents of radiological importance are communicated to the public through press releases distributed to the media and published at the GAEC's website. Lessons learned are discussed internally, as well as with the involved parties. Moreover, relative information is usually disseminated through seminars, educational courses, reports etc. No descriptions or lessons learned from the incidents were ever published on the web in the past.

Weblinks: www.eeae.gr

Contact: Sotirios Economides

Licensing & Inspections Department
Greek Atomic Energy Commission
sikonom@gaec.gr

Ireland

Reporting arrangements for operators/employers

The competent authority for regulating ionising radiation in Ireland, the Radiological Protection Institute of Ireland (RPII), requires that a radiation incident be reported as soon as possible and at the latest within 24 hours of occurrence of the incident.

The incident can be reported by telephone, fax or e-mail. A written report of the incident must be forwarded to the RPII.

Contact details:

Radiological Protection Institute of Ireland

Tel: +353-1-2697766

Fax: +353-1-2697437

Reporting arrangements for individuals

Members of the public can contact the RPII to report radiation incidents as above.

Should a radiation incident require urgent involvement of the RPII outside office hours, the RPII's answer phone gives a contact number for [An Garda Síochána](#) (Irish National Police Service) who will relay a message to the RPII Duty Officer.

Weblinks: www.rpii.ie

Incident reporting guidelines:

<http://www.rpii.ie/CMSPages/GetFile.aspx?nodeguid=4aa51181-f8f3-4678-a990-7d25618a9063&PublicationID=708>

Communication/information systems

- Nuclear industry: No
- Non-nuclear industry: INES
- Transport of radioactive sources: INES and IAEA Illicit Trafficking Database.

The IAEA ITDB covers incidents involving unauthorised acquisition, provision, use, transfer or disposal of nuclear or radioactive materials, whether intentionally or unintentionally, with or without crossing international borders, as well as unsuccessful or thwarted acts of the above. Incidents falling within the scope of the ITBD are reported by National Points of Contact.

- Medical sector: No
- Other sectors (e.g. Research activities): INES

Publication on the web: a summary of reportable incidents in the industrial, education and research and medical sectors in Ireland are published each year in the RPII Annual Report www.rpii.ie/publications.

Quarterly reports of the IAEA Illicit Trafficking Database are published by the IAEA Office of Nuclear Security but they are restricted to authorised persons / official points of contact. Further information is available from Trafficking@iaea.org.

Contact: Noeleen Cunningham
Radiological Protection Institute of Ireland
ncunningham@rpii.ie

Lithuania

Reporting arrangements for operators/employers

Operators/employers in event of a radiological incident immediately should report* to:

Radiation Protection Centre:

Address: Kalvariju g. 153, LT-08221, Vilnius

Working hours: tel. (+370 5) 236 19 36; fax (+370 5) 276 36 33; e-mail rsc@rsc.lt ;

or 24 hours/7 days: mob. +370 698 10 328, +370 698 29 611, +370 698 83 314

* - legal information:

- Resolution No. 205 On Republic of the Lithuania Government Resolution No. 653 “On Regulations of Licensing the Practices Involving Sources of Ionizing Radiation” modification (adopted on 23 February 2004)

- Resolution No. 280 On Approval of Regulations on Handling of Illegal Sources of Ionizing Radiation and Contaminated Facilities (adopted on 16 March 2005).

Operator in case of nuclear or radiological accident in Nuclear Power Plant should report** to:

State Nuclear Power Safety Inspectorate

Address: A.Gostauto g. 12, LT-01108, Vilnius

24 hours/7 days: tel. (+370-698) 44074; fax (+370-5) 2661587

and

Radiation Protection Centre

Address: Kalvariju g. 153, LT-08221, Vilnius

Working hours: tel. (+370 5) 236 19 36; fax (+370 5) 276 36 33; e-mail rsc@rsc.lt ;

or 24 hours/7 days: mob. +370 698 10 328, +370 698 29 611, +370 698 83 314

** - legal information: Law on Nuclear Energy (adopted on 1996).

Weblinks: www.vatesi.lt; www.rsc.lt

Reporting arrangements for individuals

Individuals in event of a radiological incident report to:

Emergency Response Centre

24 hours/7 days: tel. 112

or

Radiation Protection Centre

Address: Kalvariju g. 153, LT-08221, Vilnius

Working hours: tel. (+370 5) 236 19 36; fax (+370 5) 276 36 33; e-mail rsc@rsc.lt ;

or 24 hours/7 days: mob. +370 698 10 328, +370 698 29 611, +370 698 83 314

Weblinks: www.bpc112.lt; www.rsc.lt

Communication/information systems

INES is used in Nuclear Industry.

Weblinks: www.rsc.lt

Contact: Radiacinės saugos centras (Radiation Protection Centre)
rsc@rsc.lt

Spain

Reporting arrangements for operators/employers

The licensee of a radioactive facility has the obligation to inform to the Industry Ministry and the Nuclear Safety Council (CSN) about any event related to the occurrence of incidents and accidents.

The maximum reporting time is 1 h. for hard events and 24 h., for the other events.

Supervisor and operators can also inform about the events

All events shall be reported to the Nuclear Safety Council's Emergency Room (SALEM), and the region Authority where the event took place. CSN has a list of the Region Authorities for disposal of users.

EVENTS:

Immediately reportable events; 1 h.: Events that occur in a radioactive facility and might require out side intervention by e.g. firemen or policemen

Events reportable within 24 h.: Events that take place in a radioactive facility and do not require the immediate intervention of external people

Reporting arrangements for individuals

The initial reporting can be done by phone or in writing by fax including preliminary information

Apart the reporting, the licensee (can be Radiation Protection Officer or supervisor) will send a report, 30 days later of the event, containing all the complete information. CSN has a template for the users to send that information.

Before the reporting CSN collects some information and in some cases performs immediately an inspection

Communication/information systems

- CSN classifies the events according to the INES scale
- CSN put the report of incident in its web side when the INES level is 1 or higher

Publication on the web: We have published in the Spanish Gazette a Nuclear Safety Council's Instruction about the criteria applied by CSN to demand from the licensee of radioactive facilities the reporting of radiological events.

In Spanish Gazette is also published a Nuclear Safety Council's Instruction for Nuclear facilities

Lesson learned are not published in the CSN web side, but can be included in seminars, training courses, etc,

Weblinks: www.csn.es

Contact: Carmen Alvarez
cag@csn.es

Belgium

Reporting arrangements for operators/employers

The operator reports every significant event that is important for nuclear safety, for the protection of persons and the environment.

In the occurrence of an abnormal event the operator/worker informs the health physics department who reports this event to the TSO and the Federal Agency of Nuclear Control (FANC). The reporting of the events are done by contacting a single point of contact at the agency.

A list of criteria is provided by the FANC for installations of classe I (the nuclear power stations, the research reactors and the installation with a significant amount of fissile material). The list of criteria becomes operational the 1st of April 2011 (doc 2010-054-0, Declaration of significant events related to nuclear safety, protection of persons and the environment).

Reporting arrangements for individuals

Individuals can report directly to the FANC. A form for questions, complaints or suggestions is available on the web site of the FANC (<http://www.fanc.fgov.be/>). The agency can be contacted by phone, fax and e-mail.

E-mail: meldpunt@fanc.fgov.be

Tel: +32 2 289 21 11 van maandag tot vrijdag van 8u30 tot 16u30

Fax: +32 2 289 21 12

FANC - Meldpunt : Dienst Communicatie (Ravensteinstraat 36, 1000 Brussel)

Communication/information systems

No information

Contact: Fernand Vermeersch
fvermeer@sckcen.be

Sweden

Reporting arrangements for operators/employers

Reporting of radiation incidents shall be done without unnecessary delay to the Swedish Radiation Safety Authority according to the law and specific regulations for different practices.

The report should be done on a special electronic template from our website for non nuclear incidents

Incidents in nuclear field shall be reported by phone and then written reports.

If immediate actions have to be done the “Radiation protection officer on Duty” shall be contacted via telephone. (On duty 24 hours/day)

Reporting arrangements for individuals

After the reporting from the licence holder the authority makes an investigation, on their own, of the accident/incident. In urgent cases an inspection is performed immediate.

Weblinks: www.ssm.se

Communication/information systems

- Nuclear industry: the industry classifies according to the INES-scale
- Non-nuclear industry: the Authority classifies
- Transport of radioactive sources: the Authority classifies
- Medical sector: No
- Other sectors (e.g. Research activities): No

Publication on the web : Sometimes. In Swedish on: www.stralsakerhetsmyndigheten.se.

Contact: Gunilla Hellström
Gunilla.hellstrom@ssm.se

France

Reporting arrangements for operators/employers

In case of a radiation incident, operators need to send declaration and report of incident to IRSN and DGSNR.

Nuclear installations:

DGSNR

6 place du Colonel Bourgoïn

75572 Paris Cedex 12

Fax: +33 1 40 19 86 24

IRSN

BP 17

92262 Fontenay-aux-Roses Cedex

Fax: +33 1 58 35 71 52

DGSNR – concerned division

10 route du Panorama

BP 83

92266 Fontenay-aux-Roses Cedex

SD1: +33 1 43 19 70 27

SD2: +33 1 43 19 70 89

SD3: +33 1 43 19 71 66

IRSN- concerned operational direction

DEI: +33 1.39.76.78.18

DRPH: +33 1.46.54.46.10

DSR: +33 1.42.53.91.24

DSU: +33 1.58.35.79.73

DSNR with territorial jurisdiction. For generic events concerning an INB, declaration is also transmit to all DSNR operating control of plant concerned by event.

Transport of radioactive materials:

DGSNR – 4th division

6 place du Colonel Bourgoïn

75572 Paris Cedex 12

Fax: +33 1 40 19 86 24

IRSN

BP 17

92262 Fontenay-aux-Roses Cedex

Fax: +33 1 58 35 71 52

DGSNR – 1st division

10 route du Panorama

BP83

92266 Fontenay-aux-Roses Cedex

Fax: +33 1 43 19 70 27

IRSN - DSU: +33 1.58.35.79.73

IRSN – DEI: +33 1.39.76.78.18 (in case of environmental consequences)

IRSN – DRPH: +33 1.46.54.46.10 (in case of sanitary consequences)

DSNR with territorial jurisdiction
from region where sender is established

DRIRE from region where event happened

Reporting arrangements for individuals

There are no reporting arrangements for individuals.

Communication/information systems

- Nuclear industry: INES
- Non-nuclear industry: INES
- Transport of radioactive sources: INES
- Medical sector: INES or ASN/SFRO scale for radiotherapy
- Other sectors (e.g. Research activities): INES

Publication on the web: when classified on INES scale, published on ASN website : www.asn.fr

Contact