Suppliment tal-Gazzetta tal-Gvern ta' Malta, Nru. 17,181, 28 ta' Diċembru, 2001
Taqsima B

A.L. 338 ta' l-2001

ATT TA' L-2001 DWAR IL-ĦARSIEN TA' L-AMBJENT (ATT NRU. XX TA' L-2001)

Regolamenti ta' l-2001 dwar is-Sorveljanza u l-Kontroll ta' Vjaġġi bi Skart Radjuattiv

BIS-SAĦĦA tas-setgħat mogħtija bl-artikoli 9 u 28 ta' l-Att ta' l-2001 dwar il-Ħarsien ta' l-Ambjent, il-Ministru ta' l-Ambjent għamel dawn ir-regolamenti li ġejjin:-

Titolu u bidu fis-seħħ.

1. (1) It-titolu ta' dawn ir-regolamenti hu Regolamenti ta' l-2001 dwar is-Sorveljanza u l-Kontroll ta' Vjaġġi bi Skart Radjuattiv.

(2) Dawn ir-regolamenti jidħlu fis-seħħ f'dik id-data li l-Ministru responsabbli għall-ambjent jista' jistabbilixxi b'avviż fil-Gazzetta u jistgħu jiġu hekk stabbiliti dati differenti għal disposizzjonijiet differenti u skopijiet differenti ta' dawn ir-regolamenti.

(3) Avviż taħt is-subregolament (2) ta' dan ir-regolament jista' jagħmel dawk id-disposizzjonijiet transitorji li l-Ministru jidhrulu li jkunu meħtieġa jew spedjenti f'konnessjoni mad-disposizzjonijiet li dak l-avviż ikun daħħal fis-seħħ.

Tifsir.

2. (1) Għall-fini ta' dawn ir-regolamenti u sakemm ir-rabta tal-kliem ma tkunx teħtieġ xorta' oħra:-

"awtorità kompetenti" tfisser id-Dipartiment għall-Ħarsien ta' l-Ambjent taħt id-direzzjoni tad-Direttur għall-Ħarsien ta' l-Ambjent u tali korp jew persuna oħra li l-Ministru responsabbli għall-ambjent jista' b'ordni fil-Gazzetta jippreskrivi u korpi jew persuni differenti jistgħu jiġu hekk imsemmija bħala l-awtorità kompetenti għal disposizzjonijiet differenti u għal għanijiet differenti ta' dawn ir-regolamenti;

"awtorità kompetenti ta' xi pajjiż ieħor" tfisser kull awtorità li, taħt il-liġi jew ir-regolamenti ta' dak il-pajjiż, li jista' jkun il-pajjiż mnejn joriġina, ta' transit jew ta' destinazzjoni, hija magħrufa mill-awtorità kompetenti ta' Malta bħala li għandha l-poter li timplimenta s-sistema ta' sorveljanza u kontroll sostanzjalment simili għal dik imfissra f'dawn ir-regolamenti;

"destinatarju" ta' skart radjuattiv tfisser kull persuna naturali jew legali li jkun se jintbagħtilha dak il-materjal;

"pajjiż involut" tfisser pajjiż mnejn joriġina, ta' destinazzjoni jew ta' transit;

"post mnejn joriġina" tfisser post li jinsab f'pajjiż li minnu joriġina l-iskart radjuattiv u "pajjiż mnejn joriġina" tiftiehem skond din it-tifsira;

"post ta' destinazzjoni" tfisser post li jinsab f'pajjiż li fih jitwassal skart radjuattiv u "pajjiż ta' destinazzjoni" għandha tiftiehem skond din it-tifsira;

"post ta' transit" tfisser post li jkun jinsab f'pajjiż li minnu jgħaddi skart radjuattiv bejn il-post mnejn joriġina u l-post ta' destinazzjoni, u "pajjiż ta' transit" tiftiehem skond din it-tifsira;

"pussessur" ta skart radjuattiv tfisser persuna naturali jew legali li, qabel ma tibgħat vjaġġ, ikollha r-responsabbiltà legali għal dak il-materjal u tkun fi ħsiebha twassal dak il-vjaġġ għand destinatarju;

"skart radjuattiv" tfisser kull materjal li jkun fih jew ikun kontaminat minn radju-nuklidi u li ma jkollu ebda użu previst;

"sorsi ssiġillata" tfisser sorsi li jkollha struttura hekk li tipprevjeni, taħt kondizzjonijiet ta' użu normali, kull tixrid ta' sustanzi radjuattivi fl-ambjent;

"transit" tfisser il-passaġġ kontinwu minn konfini għall-oħra minn ġot-territorju nazzjonali mingħajr ma jsir ebda ħżin, għajr dak temporanju u inċidentali għat-trasport;

"vjaġġ" tfisser operazzjonijiet ta' trasport mill-post mnejn joriġina għall-post ta' destinazzjoni, inkluża t-tagħbija u l-ħatt, ta' skart radju-attiv.

(2) Dawn ir-regolamenti jkunu japplikaw għal vjaġġi ta' skart radjuattiv li joriġinaw f'Malta, vjaġġi ta' skart radjuattiv li d-destinazzjoni finali tagħhom hija Malta u vjaġġi ta' skart radjuattiv fi transit kull meta l-kwantità u l-konċentrazzjoni tagħhom tkun taqbeż il-livelli stipulati fl-Anness I li jinsab ma' dawn ir-regolamenti.

3. L-operazzjonijiet ta' trasport meħtieġa għal xi vjaġġ għandhom ikunu skond dawn ir-regolamenti, u skond kull ftehim internazzjonali dwar it-trasport ta' materjal radjuattiv li Malta tkun parti fihom. Operazzjonijiet ta' trasport.

4. (1) Pussessur ta' skart radjuattiv li jkun fi ħsiebu jagħmel xi vjaġġ ta' tali skart jew li jkun fi ħsiebu li jirranġa biex isir xi vjaġġ bħal dak minn Malta bħala l-pajjiż mnejn joriġina, għandu jippreżenta applikazzjoni lill-awtorità kompetenti b'talba għall-awtorizzazzjoni. Għandha tiġi pprovduta informazzjoni speċifikata fl-Anness II. Vjaġġi.

(2) L-applikazzjoni tinkiseb mingħand l-awtorità kompetenti u għandha timtela skond in-noti li hemm fl-Anness II.

5. (1) Tista' ssir applikazzjoni lill-awtorità kompetenti għal iktar minn vjaġġ waħda, iżda: Applikazzjoni għal iktar minn vjaġġ wieħed.

(a) l-iskart radjuattiv li din tkun tirrigwarda essenzjalment ikollu l-istess karatteristiċi fiżiċi, kimiċi u radjuattivi, u

(b) il-vjaġġi jkunu se jsiru mill-istess pussessur lejn l-istess destinatarju u jkunu jinvolvu l-istess awtoritajiet kompetenti tat-transit u d-destinazzjoni.

(2) L-awtorità kompetenti għandha tibgħat dawk l-applikazzjonijiet għall-approvazzjoni ta' l-awtorità kompetenti tal-pajjiż ta' destinazzjoni u tal-pajjiż jew pajjiżi tat-transit, jekk ikun hemm, u d-disposizzjonijiet tar-regolament 7 ta' dawn ir-regolamenti jkunu japplikaw *mutatis mutandis* għad-drittijiet u d-dmirijiet ta' l-awtorità kompetenti tal-pajjiż ta' destinazzjoni u tal-pajjiż jew pajjiżi tat-transit, jekk ikun hemm.

(3) Jekk ma' l-iskadenza tal-perjodi msemmija fis-subregolament (1) tar-regolament 7 u, jekk ikun hekk adatt, is-

subregolament (4) tar-regolament 7, ma tkun waslet ebda tweġiba minghand l-awtorità kompetenti tal-pajjiż ta' destinazzjoni u/jew mill-pajjiżi li minnhom ikun hemm mahsub li jsir it-transit, dawk il-pajjiżi ghandhom jitqiesu bhala li jkunu taw l-approvazzjoni taghhom ghall-vjaġġ mitlub, sakemm l-awtorità kompetenti ma tkunx informata li ma jkunux jaċċettaw proċedura ta' approvazzjoni awtomatika bhal dik.

(4) L-awtorità kompetenti ghandha taghti r-raġunijiet taghha ghal kull rifjut ta' ghoti ta' approvazzjoni, jew ghall-ghemil ta' kondizzjonijiet ghall-approvazzjoni.

Awtorizzazzjoni li jsir vjaġġ.

6. (1) Meta l-approvazzjonijiet ghal vjaġġ ikunu nghataw kollha, l-awtorità kompetenti jkollha jedd tawtorizza lill-pussessur ta' l-iskart radjuattiv biex jagħmel il-vjaġġ u jinforma lill-awtorità kompetenti tal-pajjiż ta' destinazzjoni u tal-pajjiż jew pajjiżi tat-transit, jekk ikun hemm. Ghal dan l-iskop tintuża s-sezzjoni rilevanti ta' l-Anness II. Kull htieġa addizzjonali ghal vjaġġi bhal dawn ghandha tinghata flimkien ma' dan id-dokument.

(2) Jekk tingħata awtorizzazzjoni mill-awtorità kompetenti, din tkun valida ghal perjodu ta' mhux iktar minn tliet snin jew kif jista' jkun stabbilit mill-awtorità kompetenti.

(3) Din l-awtorizzazzjoni m'ghandha b'ebda mod taffettwa r-responsabbiltà tal-pussessur, tat-trasportatur, tas-sid, tad-destinatarju jew ta' kull persuna oħra naturali jew legali involuta fl-vjaġġ.

Applikazzjoni ġejja minn barra l-pajjiż.

7. (1) Jekk l-awtorità kompetenti tirċievi applikazzjoni mimlija kif imiss ghall-importazzjoni ta' skart radjuattiv jew biex thalli jghaddi skart radjuattiv fi transit, l-awtorità kompetenti ghandha, mhux iktar tard minn xahrejn wara li tirċievi l-applikazzjoni mimlija kif imiss, tavża lill-awtorità kompetenti tal-pajjiż mnejn joriġina dwar l-aċċettazzjoni taghha, jew dwar il-kondizzjonijiet li hija tikkonsidra meħtieġa, jew li tkun qed tirrofta li taghti l-approvazzjoni taghha. Ghal dan l-iskop l-awtorità kompetenti ghandha tuża s-sezzjoni rilevanti ta' l-Anness II.

(2) Il-kondizzjonijiet meħtieġa mill-awtorità kompetenti ghandhom ikunu konformi ma' kull ftehim internazzjonali eżistenti.

(3) L-awtorità kompetenti ghandha taghti r-raġunijiet taghha kull meta tirrofta li taghti xi approvazzjoni, jew tagħmel xi kondizzjonijiet ghall-approvazzjoni.

(4) L-awtorità kompetenti għandu jkollha d-dritt li titlob perjodu ieħor ta' mhux iktar minn xahar fuq dak imsemmi fis-subregolament (1) ta' dan ir-regolament biex tgħarraf lill-awtorità kompetenti tal-pajjiż ta' l-oriġini bil-pożizzjoni tagħha.

Dokumenti oħra.

8. Mingħajr preġudizzju għal kull dokument ieħor meħtieġ taħt kull liġi oħra, id-dokumenti msemmija fir-regolamenti 5, 6 u 7 għandhom ikunu fuq kull vjaġġ li jaqa' taħt l-iskop ta' dawn ir-regolamenti.

Tagħrifa tad-destinatarju bil-wasla tal-kunsinna.

9. (1) Fi żmien ħmistax-il jum mill-wasla, id-destinatarju ta' l-iskart radjuattiv għandu jibgħat lill-awtorità kompetenti tagħrifa li dan ikun wasallu, billi juża s-sezzjoni rilevanti ta' l-Anness I.

(2) Meta l-pajjiż ta' destinazzjoni jkun Malta, l-awtorità kompetenti ta' Malta għandha tibgħat kopji tat-tagħrifa lill-pajjiżi l-oħra involuti fl-operazzjoni.

(3) Meta Malta tkun il-pajjiż mnejn joriġina, l-awtorità kompetenti ta' Malta għandha tibgħat kopja tat-tagħrifa lill-pussessur oriġinali.

Vjaġġi li m'għandhomx jiġu awtorizzati.

10. L-awtorità kompetenti m'għandhiex tawtorizza vjaġġi lejn:

(a) xi destinazzjoni li tkun iktar 'l isfel minn latitudni 60° fin-nofsinhar;

(b) pajjiż li ma jkollux ir-riżorsi tekniċi, legali jew amministrattivi biex jimmaniġġja l-iskart radjuattiv bla periklu.

Sorsi ssiġillata.

11. (1) Meta sorsi ssiġillata titreġġa' lura mill-utent tagħha lill-provveditur tas-sorsi f'pajjiż ieħor, dak il-vjaġġ tagħha ma għandux jaqa' fl-iskop ta' dawn ir-regolamenti.

(2) Is-subregolament (1) ta' dan ir-regolament ma japplikax għal sorsi ssiġillati li jkun fihom materjal li jista' jinqasam.

Meta ma japplikawx ir-regolamenti.

12. (1) Dawn ir-regolamenti ma japplikawx meta l-iskart ikun se jiġi esportat għall-ipproċessar biex dan jitreġġa' lura wara li jkun ġie ittrattat lejn il-pajjiż mnejn ikun oriġina.

(2) Dawn ir-regolament ma japplikawx meta materjal nukleari irradjat jkun se jiġi esportat għall-ipproċessar mill-ġdid, li

jitreġġa' lura skart jew prodotti oħra ta' l-operazzjoni ta' ipproċessar mill-ġdid lejn il-pajjiż mnejn ikun oriġina.

Skart li għandu jittieħed lura.

13. (1) Meta ma jkunx jista' jsir vjaġġ ta' skart radjuattiv, jew jekk ma' jitħarsux il-kondizzjonijiet tal-vjaġġ skond id-disposizzjonijiet ta' dawn ir-regolamenti, l-awtorità kompetenti għandha tassigura li l-iskart radjuattiv inkwistjoni għandu jittieħed lura mil-pussessur ta' dak l-iskart.

(2) Fil-każ ta' vjaġġi ta' skart radjuattiv minn ġol-ġurisdizzjoni nazzjonali ta' Malta, l-awtorità kompetenti għandha tassigura li d-destinatarju ta' dak l-iskart jinnegozja klawsola mal-pussessur ta' l-iskart li biha jobbliga lil dak il-pussessur li jerġa' jieħu lura l-iskart meta xi vjaġġ ma jkunx jista' jiġi mitmum.

Kondizzjonijiet tal-vjaġġ.

14. Meta l-awtorità kompetenti tkun approvat it-transit għall-vjaġġ inizjali, din ma tistax tirrifjuta li tapprova li jsir vjaġġ mill-ġdid fil-każijiet imsemmija:

(a) fir-regolament 12, jekk il-vjaġġ mill-ġdid ikun jirrigwarda l-istess materjal wara t-trattament jew l-ipproċessar mill-ġdid u jekk tkun ġiet imħarsa kull leġislazzjoni rilevanti; u

(b) fir-regolament 13, jekk il-vjaġġ mill-ġdid isir bl-istess kondizzjonijiet u bl-istess speċifikazzjonijiet.

Reati kontra dawn ir-regolamenti.

15. Persuna tkun hatja ta' reat kontra dawn ir-regolamenti jekk:

(a) tonqos milli thares xi disposizzjoni ta' dawn ir-regolamenti jew ta' xi ordni leġittimament moghtija skond xi disposizzjoni ta' dawn ir-regolamenti; jew

(b) tikser xi restrizzjoni, projbizzjoni jew ħtiega imposta minn jew taħt dawn ir-regolamenti; jew

(ċ) taġixxi bi ksur ta' xi disposizzjoni ta' dawn ir-regolamenti; jew

(d) tassoċja ruħha jew tittanta tassoċja ruħha ma' xi persuna, jew tgħin, jew thajjar, lil xi persuna oħra b'liema mezz ikun, inkluż ir-reklamar, l-għoti ta' pariri jew il-ħlas ta' flus biex tikser id-disposizzjonijiet ta' dawn ir-regolamenti jew biex tonqos milli

thares xi disposizzjoni tagħhom, inkluża kull ordni mogħtija leġittimament skond xi disposizzjoni ta' dawn ir-regolamenti, jew biex tikser xi restrizzjoni, projbizzjoni jew ħtieġa imposta minn jew taħt dawn ir-regolamenti.

Pieni.

16. Min jagħmel reat kontra dawn ir-regolamenti jista', meta jinsab ħati, jeħel:

(a) meta jinsab ħati għall-ewwel darba, multa ta' mhux anqas minn għaxart elef lira iżda mhux iżjed minn mitt elf lira;

(b) meta jinsab ħati għat-tieni darba jew aktar drabi, multa ta' mhux anqas minn ħamsin elf lira iżda mhux iżjed minn mitejn elf lira, jew għal priġunerija għal żmien mhux iżjed minn sentejn, jew għal dik il-multa u priġunerija flimkien:

Iżda meta persuna tinsab ħatja li tkun għamlet reat taħt dawn ir-regolamenti bl-użu ta' vettura jew bastiment, sid dik il-vettura jew dak il-bastiment, meta dan ikun japplika, jkun responsabbli bl-istess mod u fl-istess qjies:

Iżda il-qorti għandha tordna lil persuna li tkun insabet ħatja li għamlet reat kontra dawn ir-regolamenti tħallas għall-ispejjeż imġarrba mill-entitajiet pubbliċi u/jew persuni oħra li jaġixxu f'isimhom u li jkunu involuti fl-implimentazzjoni ta' dawn ir-regolamenti u r-restituzzjoni ta' l-ambjent minħabba fir-reat li jkun sar, ir-revoka tal-permess maħruġ mill-Pulizija u l-konfiska tal-*corpus delicti*.

Applikabilità tal-Kodiċi Kriminali. Kap. 9.

17. (1) Id-disposizzjonijiet ta' l-artikolu 23 u s-subartikolu (1) ta' l-artikolu 30 tal-Kodiċi Kriminali għandhom, *mutatis mutandis*, japplikaw għal proċedimenti dwar reati kontra dawn ir-regolamenti, b'dan illi l-iskwalifika milli persuna jkollha jew tikseb liċenza, permess jew awtorità m'għandha f'ebda każ tkun għal inqas minn sena.

(2) Minkejja d-disposizzjonijiet ta' l-artikolu 370 tal-Kodiċi Kriminali, il-proċedimenti dwar reat kontra dawn ir-regolamenti għandhom isiru quddiem il-Qorti tal-Maġistrati (Malta) jew il-Qorti tal-Maġistrati (Għawdex), skond ma jista' jkun il-każ, u għandhom ikunu skond id-disposizzjonijiet tal-Kodiċi Kriminali li jirregolaw il-proċedura quddiem dawk il-qrati bħala qrati ta' ġudikatura kriminali.

(3) Minkejja d-disposizzjonijiet tal-Kodiċi Kriminali, l-Avukat Ġenerali għandu dejjem ikollu dritt ta' appell quddiem il-Qorti

ta' Appell Kriminali minn kull sentenza mogħtija mill-Qorti tal-Maġistrati (Malta) jew mill-Qorti tal-Maġistrati (Għawdex) dwar proċedimenti għal xi reat kontra dawn ir-regolamenti.

Lingwa ta' l-Annessi.

18. L-Annessi I u II li jinsabu ma' dawn ir-regolamenti qegħdin jiġu ppubblikati fil-lingwa Ingliża flimkien mat-test Ingliż ta' dawn ir-regolamenti.

ANNEX I

QUANTITIES AND CONCENTRATION OF RADIOACTIVE WASTE

These regulations apply whenever:

A. The quantities of radioactive substances involved exceed the following values:

1. Values of activities for radionuclides[1]:

Nuclides of very high radiotoxicity:	$5 \cdot 10^3$ Bq; $1{\cdot}4 \cdot 10^{-7}$ Ci (group 1);
Nuclides of high radiotoxicity:	$5 \cdot 10^4$ Bq, $1{\cdot}4 \cdot 10^{-6}$ Ci (group 2);
Nuclides of moderate radiotoxicity:	$5 \cdot 10^5$ Bq, $1{\cdot}4 \cdot 10^{-5}$ Ci (group 3);
Nuclides of low radiotoxicity:	$5 \cdot 10^6$ Bq; $1{\cdot}4 \cdot 10^{-4}$ Ci (group 4);

2. The principal radioactive nuclides are classified as follows, according to their relative radiotoxicity:

(a) Very high radiotoxicity (group 1):

^{210}Pb	^{210}Po	^{223}Ra	^{225}Ra	^{226}Ra	^{228}Ra	^{227}Ac	^{227}Th
^{228}Th	^{229}Th	^{230}Th	^{231}Pa	^{230}U	^{232}U	^{233}U	^{234}U
^{237}Np	^{236}Pu	^{238}Pu	^{239}Pu	^{240}Pu	^{241}Pu	^{242}Pu	^{241}Am
^{242m}Am	^{243}Am	^{240}Cm	^{242}Cm	^{243}Cm	^{244}Cm	^{245}Cm	^{246}Cm
^{247}Cm	^{248}Cm	^{248}Cf	^{249}Cf	^{250}Cf	^{251}Cf	^{252}Cf	^{254}Cf
^{254}Es	^{255}Es						

(b) High radiotoxicity (group 2)

^{222}Na	^{36}Cl	^{45}Ca	^{46}Sc	^{60}Co	^{90}Sr	^{91}Y	^{93}Zr
^{94}Nb	^{106}Ru	^{110m}Ag	^{115m}Cd	^{114m}In	^{124}Sb	^{125}Sb	^{124}I
^{125}I	^{126}I	^{131}I	^{134}Cs	^{140}Ba	^{144}Ce	^{152}Eu(13a)	
^{154}Eu	^{160}Tb	^{170}Tm	^{181}Hf	^{182}Ta	^{192}Ir	^{204}Tl	^{212}Pb
^{207}Bi	^{210}Bi	^{211}At	^{224}Ra	^{228}Ac	^{232}Th	Th nat[2]	
^{230}Pa	^{236}U	^{244}Pu	^{242}Am	^{241}Cm	^{249}Bk	^{246}Cf	^{253}Cf
^{253}Es	^{254m}Es	^{255}Fm	^{256}Fm				

[1] The alphabetical list of elements appears at the end of this Annex.

[2] One becquerel of natural thorium corresponds to 1 alpha disintegration per second (dps) (0·5 dps of Th^{232} and 0·5 dps of Th^{228}). One curies of natural thorium corresponds to $3{\cdot}7 \cdot 10^{10}$ alpha disintegrations per second ($1{\cdot}85 \cdot 10^{10}$ dps of Th^{232} and $1{\cdot}85 \cdot 10^{10}$ dps of Th^{228}).

(c) Moderate radiotoxicity (group 3):

^{7}Be	^{14}C	^{18}F	^{24}Na	^{31}Si	^{32}P	^{33}P	^{35}S
^{38}Cl	^{41}Ar	^{42}K	^{43}K	^{47}Ca	^{47}Sc	^{48}Sc	^{48}V
^{51}Cr	^{52}Mn	^{54}Mn	^{52}Fe	^{55}Fe	^{59}Fe	^{55}Co	^{56}Co
^{57}Co	^{58}Co	^{63}Ni	^{65}Ni	^{64}Cu	^{65}Zn	^{69m}Zn	^{72}Ga
^{73}As	^{74}As	^{76}As	^{77}As	^{75}Se	^{82}Br	^{74}Kr	^{77}Kr
^{87}Kr	^{88}Kr	^{86}Rb	^{83}Sr	^{85}Sr	^{89}Sr	^{91}Sr	^{92}Sr
^{90}Y	^{92}Y	^{93}Y	^{86}Zr	^{88}Zr	^{89}Zr	^{95}Zr	^{97}Zr
^{90}Nb	^{93m}Nb	^{95}Nb	^{95m}Nb	^{96}Nb	^{90}Mo	^{93}Mo	^{99}Mo
^{96}Tc	^{97m}Tc	^{97}Tc	^{99}Tc	^{97}Ru	^{103}Ru	^{105}Ru	^{105}Rh
^{103}Pd	^{109}Pd	^{105}Ag	^{111}Ag	^{109}Cd	^{115}Cd	^{115m}In	^{116}Sn
^{125}Sn	^{122}Sb	^{121}Te	^{121m}Te	^{123m}Te	^{125m}Te	^{127m}Te	^{129m}Te
^{131}Te	^{131m}Te	^{132}Te	^{133m}Te	^{134}Te	^{120}I	^{123}I	^{130}I
^{132}I	^{132m}I	^{133}I	^{135}I	^{135}Xe	^{132}Cs	^{136}Cs	^{137}Cs
^{131}Ba	^{140}La	^{134}Ce	^{135}Ce	^{137m}Ce	^{139}Ce	^{141}Ce	^{143}Ce
^{142}Pr	^{143}Pr	^{147}Nd	^{149}Nd	^{147}Pm	^{149}Pm	^{151}Sm	^{153}Sm
^{152m}Eu (h)		^{155}Eu	^{153}Gd	^{159}Gd	^{165}Dy	^{166}Dy	^{166}Ho
^{169}Er	^{171}Er	^{171}Tm	^{175}Yb	^{177}Lu	^{181}W	^{185}W	^{187}W
^{183}Re	^{186}Re	^{188}Re	^{185}Os	^{191}Os	^{193}Os	^{190}Ir	^{194}Ir
^{191}Pt	^{193}Pt	^{197}Pt	^{196}Au	^{198}Au	^{199}Au	^{197}Hg	^{197m}Hg
^{203}Hg	^{200}Tl	^{201}Tl	^{202}Tl	^{203}Pb	^{206}Bi	^{212}Bi	^{220}Rn
^{222}Rn	^{226}Th	^{231}Th	^{234}Th	^{233}Pa	^{231}U	^{237}U	^{240}U
^{240}U+	^{240}Np	^{239}Np	^{234}Pu	^{237}Pu	^{245}Pu	^{238}Am	^{240}Am
^{244m}Am	^{244}Am	^{238}Cm	^{250}Bk	^{244}Cf	^{254}Fm		

(d) Low radiotoxicity (group 4):

^{3}H	^{15}O	^{37}Ar	^{51}Mn	^{52m}Mn	^{53}Mn	^{56}Mn	^{58m}Co
^{60m}Co	^{61}Co	^{62m}Co	^{59}Ni	^{69}Zn	^{71}Ge	^{76}Kr	^{79}Kr
^{81}Kr	^{83m}Kr	^{85m}Kr	^{85}Kr	^{80}Sr	^{81}Sr	^{85m}Sr	^{87m}Sr
^{91m}Y	^{88}Nb	$^{89(66m)}$Nb		$^{89(122m)}$Nb		^{97}Nb	^{98}Nb
^{93m}Mo	^{101}Mo	^{96m}Tc	^{99m}Tc	^{103m}Rh	^{113m}In	^{116}Te	^{123}Te
^{127}Te	^{129}Te	^{133}Te	^{120m}I	^{121}I	^{128}I	^{129}I	^{134}I
^{131m}Xe	^{133}Xe	^{125}Cs	^{127}Cs	^{129}Cs	^{130}Cs	^{131}Cs	^{134m}Cs
^{135}Cs	^{135m}Cs	^{138}Cs	^{137}Ce	^{191m}Os	^{193m}Pt	^{197m}Pt	^{203}Po
^{205}Po	^{207}Po	^{227}Ra	^{235}U	^{238}U	^{239}U	U nat(*)	
^{235}Pu	^{243}Pu	^{237}Am	^{239}Am	^{245}Am	^{246m}Am	^{246}Am	^{249}Cm

3. In the case of the nuclides ^{115}In, ^{144}Nd, ^{87}Rb, ^{187}Re and ^{147}Sm the requirement for obtaining prior authorisation may be waived, irrespective of the quantities.
4. In the case of a mixture of radionuclides other than Th-nat and U-nat belonging to different radiotoxicity groups, the requirements for obtaining prior authorisation may be waived only if the sum of the ratios between the activity of each of the radionuclides and the limit laid down in paragraph 1 for the group to which it belongs is less than or equal to 1.

5. For waste radioluminescent paint, the requirements for obtaining prior authorisation need not be applied if the overall activity in radioactive substances does not exceed $2 \cdot 10^9$ Bq of tritium ($5{\cdot}4 \cdot 10^2$ Ci), $1 \cdot 10^8$ Bq of ^{147}Pm ($2{\cdot}7 \cdot 10^3$ Ci) or $5 \cdot 10^5$ Bq of ^{226}Ra ($1{\cdot}4 \cdot 10^5$ Ci).
6. Radionuclides not included in this Annex shall, where necessary, be assigned to a toxicity group by the competent authority.

B. The concentration of radioactive substances exceed 100 Bq g^{-1}, this limit being increased to 500 Bq g^{-1} for solid natural radioactive substances.

* * * * * * * * *

Alphabetical list of elements

	Atomic Number	Name		Atomic Number	Name
Ac	89	Actinium	N	7	Nitrogen
Ag	47	Silver	Na	11	Sdoium
Al	13	Aluminium	Nb	41	Niobium
Am	95	Americium	Nd	60	Neodymium
Ar	18	Argon	Ne	10	Neon
As	33	Arsenic	Ni	28	Nickel
At	85	Astatine	No	102	Nobelium
Au	79	Gold	Np	93	Neptumium
B	5	Boron	O	8	Oxygen
Ba	56	Barium	Os	76	Osmium
Be	4	Berylium	P	15	Phosphorous
Bi	83	Bismuth	Pa	91	Protactinium
Bk	97	Berkelium	Pb	82	Lead
Br	35	Bromine	Pd	46	Palladium
C	6	Carbon	Pm	61	Promethium
Ca	20	Calcium	Po	84	Polonium
Cd	48	Cadmium	Pr	59	Praseodymium
Ce	58	Cerium	Pt	78	Platinum
Cf	98	Californium	Pu	94	Plutonium
Cl	17	Chlorine	Ra	88	Radium
Cm	96	Curium	Rb	37	Rubidium
Co	27	Cobalt	Re	75	Rhenium
Cr	24	Chromium	Rh	45	Rhodium
Cs	55	Ceasium/Cesium	Rn	86	Radon

Cu	29	Copper	Ru	44	Ruthenium
Dy	66	Dysprosium	S	16	Sulphur
Er	68	Erbium	Sb	51	Antimony
Es	99	Einsteinium	Sc	21	Scandium
Eu	63	Europium	Se	34	Selenium
F	9	Fluorine	Si	14	Silicon
Fe	26	Iron	Sm	62	Samarium
Fm	100	Fermium	Sn	50	Tin
Fr	87	Francium	Sr	38	Strontium
Ga	31	Gallium	Ta	73	Tantalum
Gd	64	Gadolinium	Tb	65	Terbium
Ge	32	Germanium	Tc	43	Technetium
H	1	Hydrogen	Te	52	Tellurium
He	2	Helium	Th	90	Thorium
Hf	72	Hafnium	Ti	22	Titanium
Hg	80	Mercury	Tl	81	Thallium
Ho	67	Holmium	Tm	69	Thulium
I	53	Iodine	U	92	Uranium
In	49	Indium	V	23	Vanadium
Ir	77	Iridium	W	74	Tungsten
K	19	Potassium	Xe	54	Xenon
Kr	36	Krypton	Y	39	Yttrium
La	57	Lanthanum	Yb	70	Ytterbium
Li	3	Lithium	Zn	30	Zinc
Lu	71	Lutecium	Zr	40	Zirconium
Md	101	Mendelevium			
Mg	12	Magnesium			
Mn	25	Manganese			
Mo	42	Molybdenum			

ANNEX II

INFORMATION REQUIRED IN THE STANDARD DOCUMENT FOR THE SUPERVISION AND CONTROL OF SHIPMENTS OF RADIOACTIVE WASTE

Registration No:

SECTION 1

(to be completed by the authorities responsible for issuing the shipment authorisation)

APPLICATION FOR AUTHORISATION FOR THE SHIPMENT OF RADIOACTIVE WASTE

Box 1: Type of shipment (tick where appropriate)

A. Export
B. Import
C. Transit

Box 2 Application for authorisation (tick where appropriate)

Authorisation for:

- Single shipment
- Several shipments Number of shipments planned:
- Planned period of execution.

Box 3 Holder's Details

Holder (Trade name):
Contact person: Mr/Ms
Address.
Postcode:
Country:
Tel.:
Fax:
Telex.

Box 4: Details of the place where the waste is held (This part is to be completed if the information to be entered differs from that in Box 3.)

Place where the waste is held
Contact person Mr/Ms
Address:
Post code:

Country:
Tel.
Fax:
Telex:

Box 5 Waste characteristics

Nature of the waste:
Physico-chemical characteristics:
Main radionuclides:
Maximum alpha activity/package: (GBq)
Maximum beta/gamma activity/package: (GBq)

Box 6: Activity of the waste

Total alpha activity (GBq):
Total activity beta/gamma (GBq):
Total number of packages:
Total net weight of waste (kg):
Total gross weight (kg):
Total volume (optional):
(These values are estimates if the application relates to several shipments.)
Model of packages containing the waste (e.g. plastic bags, metal drums 200 litres, ISO transport container, etc.):
Means of identification of the packages (if labelling is used, annex examples):

Box 7: Other hazardous categories (tick where appropriate)

Category 1 - Explosive substances
Category 2 - Gas (compressed, liquefied or dissolved under pressure)
Category 3 - Inflammable liquids
Category 4
- 4.1. Inflammable solids
- 4.2. Substances liable to spontaneous combustion
- 4.3. Substances, which on contact with water, give off inflammable gases

Category 5
- 5.1 Oxidizing substances
- 5.2. Organic peroxides

Category 6
- 6.1 Toxic substances
- 6.2 Substances liable to provoke disgust or infection

Category 8 - Corrosive substances
Category 9 - Various dangerous substances

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Box 8 Type of activity giving rise to the waste (tick where appropriate)

- Medical
- Research
- Industry
- Nuclear industry
- Other activity (to be specified)

Box 9: Purpose of the shipment (tick where appropriate)

Return of waste resulting from re-treatment of irradiated fuel:
Treatment and/or packaging of waste:
Return of waste after treatment and/or packaging:
Interim storage:
Return after interim storage:
Final disposal:
Other purposes (to be specified):

Box 10: Details of route

Proposed form of transport (possibly more than one):

- road
- rail
- sea
- air
- inland waterway

Point of departure:
Point of arrival:
Proposed carrier (possibly more than one):
1
2
3
4.
5.

Box 11 Ordered list of countries involved in the shipment
(the first country is that where the waste is held and the last the country of destination)

1.
2.
3.
4.
5.
6.
7
8.

Box 12: Details of the consignee

Consignee (trade name):
Contact person: Mr/Ms
Address:
Post code:
Country:
Tel.:
Fax:
Telex:

Box 13: Details of the place of destination of the waste (this box is to be completed if the information to be entered differs from that in box 12)

Place of destination (trade name):
Contact person: Mr/Ms
Address:
Post code:
Country:
Tel.:
Fax:
Telex:

Box 14: Details of the applicant

Applicant (trade name):
Person responsible: Mr/Ms
Address:
Post code:
Country:
Tel.:
Fax:
Telex:

Box 15. Declaration

In accordance with the provisions of Legal Notice ____ of 2001, I hereby:

(i) apply for authorisation to make the shipment(s) of radioactive waste described above;
(ii) certify that the information provided above is correct to the best of my knowledge and that the shipment(s) will be carried out in accordance with all the relevant statutory provisions;
(iii) undertake to take back the waste if the shipment(s) cannot take place or if the conditions for shipment cannot be fulfilled.

Date and place:
Stamp:
Signature:

SECTION 2

(to be completed by the authorities responsible for issuing the shipment authorisation)

REQUEST FOR APPROVAL BY THE COMPETENT AUTHORITY/IES OF TRANSIT AND DESTINATION

Box 16: Details of the competent authority responsible for issuing the authorisation for shipment in the country of origin

Competent authority:
Contact person: Mr/Ms
Address:
Post code:
Country:
Tel.
Fax:
Telex:

Box 17: Date of registration of the application

Date:
Stamp:
Signature:

Box 18. Details of the competent authority/ies of the country/ies consulted:

Country/ies of transit:
Name of the competent authority/ies:
Contact person Mr/Ms
Address:
Post code:
Country:
Tel.
Fax:
Telex:

Country of destination:
Name of the competent authority
Contact person: Mr/Ms
Address:
Post code.
Country:
Tel.:
Fax:
Telex:

Box 19: Approval for the shipment application by the authorities of the country/ies consulted

Yes (conditions if any):
No (reason for the refusal).

Conditions if any or Reason for the refusal:

Date and place:
Stamp:
Signature:

SECTION 3

Registration No:

(to be completed by the authorities responsible for issuing the shipment authorisation)

MONITORING OF RADIOACTIVE WASTE SHIPMENTS

AUTHORISATION NOTE

Box 20: Details of the competent authority/ies responsible for issuing authorisation for shipment

Competent authority of the country of origin
Name of the competent authority:
Contact person: Mr/Ms
Address:
Post code:
Country:
Tel.:
Fax:
Telex:

Competent authority/ies of the country/ies of transit
Name of the competent authority:
Contact person: Mr/Ms
Address:
Post code:
Country:
Tel.
Fax.
Telex:

Competent authority of the country of destination
Name of the competent authority:
Contact person: Mr/Ms
Address:
Post code:
Country:
Tel.:
Fax.
Telex.

Box 21 Authorisation

Yes Valid for a single shipment:
Valid for several shipments:

No Valid for a single shipment:
Valid for several shipments:

Date of expiry of the authorisation:

Box 22: Sequential list of the countries involved in the shipment
(the first country is that where the waste is held and the last is the country of destination)

1. Country:
Conditions: Yes
No

2. Country:
Conditions: Yes
No

3. Country:
Conditions: Yes
No

4. Country:
Conditions: Yes
No

5. Country:
Conditions: Yes
No

Box 23: List of conditions
(indicating the country imposing the conditions and any references to attached documents; reasons for refusal should also be attached)

Box 24: Decision

The decision adopted and recorded in this section has been reached in accordance with the provisions of these regulations. The competent authority/ies consulted are informed that the authorisation for radioactive waste shipment has been granted or refused.

Date and place:
Stamp
Signature of the person responsible:

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N.B

1. This authorisation in no way diminishes the responsibility of the holder, carrier, owner, consignee or any other physical or legal person involved in the shipment.
2. The wastes shipped must be accompanied by sections 1, 3 and 4, duly completed.

SECTION 4

Registration No:

(to be completed by the authorities responsible for issuing the shipment authorisation)

MONITORING OF RADIOACTIVE WASTE SHIPMENTS

LIST OF PACKAGES NOTE

Box 25: Details of the holder

Holder (trade name)
Contact person: Mr/Ms
Address:
Post code:
Country:
Tel.:
Fax:
Telex:

Box 26: Shipments covered by the authorisation

The authorisation covers:

- A single shipment
- Several shipments Serial number of the shipment:

Box 27: Waste characteristics

Nature of the waste:
Physico-chemical characteristics:
Main radionuclides:
Maximum alpha activity/package (GBq):
Maximum beta/gamma activity/package (GBq):
Model of packages containing the waste (e.g. plastic bags, metal drums of 200 litres capacity, ISO transport containers, etc.):

Box 28. Activity of the waste

Total alpha activity (GBq):
Total beta/gamma activity (GBq):
Total number of packages:
Total net weight of the waste (Kg):
Total gross weight (Kg):
Total volume (optional):

Box 29. Identification of the packages containing the waste

Identification number of each package:
Gross weight (Kg)/package
Net weight (Kg)/package:
Activity (GBq)/package:

See attached list (if the space provided above is inadequate), or (if preferred) the attached document containing the above mentioned data.

Box 30:

Date of dispatch

I hereby certify that the information provided in this section (and the attached list) is correct to the best of my knowledge

Date and place:
Stamp
Signature of the holder:

SECTION 5

Registration No:

(to be completed by the authorities responsible for issuing the shipment authorisation)

MONITORING OF RADIOACTIVE WASTE SHIPMENTS

ACKNOWLEDGEMENT OF RECEIPT OF THE WASTE NOTE

Box 31: Details of the consignee

Consignee (trade name):
Contact person: Mr/Ms
Address:
Post code:
Country:
Tel.:
Fax.
Telex:

Place where the waste is held:
Contact person: Mr/Ms
Address:
Post code: Town: Country:
Tel.: Fax: Telex:

Box 32: Authorisation granted for:

- A single shipment
- Several shipments Serial number of shipment:

Box 33: Details of receipt of the waste

Date of receipt of the waste:
Date of dispatch of the acknowledgement of receipt together with section 4:

The acknowledgement of receipt must be sent to:

The competent authority of the country of origin
The competent authority/ies of transit
The competent authority of destination

I hereby certify that the information provided above is correct to the best of my knowledge

Stamp:
Signature of the consignee:

NB:

1 Copies of sections 4 and 5 must be sent to the competent authority which issued the authorisation, the competent authority of the country of destination and the competent authority/ies of the country/ies of transit (if any).
2. The originals of sections 4 and 5 must be sent to the competent authority which issued the authorisation.

NOTES

SECTION 1: APPLICATION FOR AUTHORISATION FOR THE SHIPMENT OF RADIOACTIVE WASTE

1 The applicant must complete boxes 1 to 15 and must then send the entire standard document (sections 1 to 5) to the competent authority of the country of origin, which is responsible for issuing the authorisation for the radioactive waste shipment.

2. Sections 1, 3 and 4 must accompany the waste during the shipment.

SECTION 2: REQUEST FOR APPROVAL BY THE COMPETENT AUTHORITY/IES OF TRANSIT AND DESTINATION

1. The competent authority responsible for issuing the authorisation for the shipment of radioactive waste should complete boxes 16 and 17 immediately on receipt of the application and enter the registration number at the top of each section of the standard document. The competent authority should then make sufficient copies of section 2 to send to any other competent authority/ies whose approval is required for the shipment(s) to be authorized (i.e. competent authorities of transit and destination). For each competent authority to be consulted, box 18 should be duly completed on a copy of section 2. That copy of section 2, together with a copy of section 1, should be sent to the competent authority/ies to be consulted named therein.

2. The competent authority/ies consulted should make any necessary additional entries in box 18 and should give the application due consideration. Within two months from the date of receipt, the competent authority/ies consulted should complete box 19 and return the original copy of section 2 to the competent authority responsible for issuing the authorisation. An extension of up to one month in the time required to consider an

application may be requested by the competent authority/ies consulted. Failure to complete and return the form by the due time shall be taken as deemed approval of the shipment application. Any conditions for approval or reasons for refusal should also be conveyed to the competent authority responsible for issuing the authorisation.

SECTION 3: MONITORING OF RADIOACTIVE WASTE SHIPMENTS - SHIPMENT AUTHORISATION NOTE

The competent authority responsible for issuing the authorisation for shipment must:

1. complete this section, bearing in mind, when completing box number 21. that the maximum period of validity for the authorisation is three years;
2. send it to the applicant together with the other sections necessary for the procedure (that is, sections 1, 3, 4 and 5);
3. send copies of this section to the other competent authority/ies consulted.

SECTION 4: MONITORING OF RADIOACTIVE WASTE SHIPMENTS - LIST OF PACKAGES NOTE

1. This list must be completed by the holder of the radioactive waste before each shipment (even if the authorisation relates to several shipments). Like sections 1 and 3 of the standard document, this section should accompany the waste during shipment. It is then attached to the acknowledgement of receipt.

SECTION 5: MONITORING OF RADIOACTIVE WASTE SHIPMENTS - ACKNOWLEDGEMENT OF RECEIPT OF THE WASTE NOTE

1. This section must be completed by the consignee, any necessary additions being made by the applicant.
2. Depending on whether the authorisation is for one or several shipments, the procedure to be adopted is as follows:

Authorisation for a single shipment:

Within 15 days of receiving the waste, the consignee must complete section 5, and submit sections 4 and 5 to the applicant, the competent authority of destination, the competent authority which issued the authorisation and the competent authority/ies of transit (if any)

Authorisation for several shipments

1. The consignee must complete section 5 after each shipment (having made several copies of a blank section 5 for this purpose) and submit sections 4 and 5 directly to the competent authority which issued the authorisation.

2. When all the shipments covered by an authorisation have been carried out, the final acknowledgement of receipt is completed and submitted as if the authorisation were valid for a single shipment only (see above) except that:

   - it is stated in box 32 of section 5 that the shipment in question is the last shipment covered by the authorisation;
   - any declaration made by a consignee must state that all the waste covered by the shipping authorisation has indeed arrived;
   - to provide an overview, section 4 for each of the shipments covered by the authorisation must be attached to the final acknowledgement of receipt.