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from: Secretary-General of the European Commission,  
signed by Mr Jordi AYET PUIGARNAU, Director

date of receipt: 13 January 2014

to: Mr Uwe CORSEPIUS, Secretary-General of the Council of the European  
Union

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No Cion doc.: COM(2013) 943 final ANNEXES 1-5

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Subject: Annexes to the Proposal for a Council Regulation laying down maximum  
permitted levels of radioactive contamination of food and feed following a  
nuclear accident or any other case of radiological emergency

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Delegations will find attached Commission document COM(2013) 943 final ANNEXES 1-5.

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Encl.: COM(2013) 943 final ANNEXES 1-5



Brussels, 10.1.2014  
COM(2013) 943 final

ANNEXES 1 to 5

**ANNEXES**

**to the**

**Proposal for a Council Regulation**

**laying down maximum permitted levels of radioactive contamination of food and feed  
following a nuclear accident or any other case of radiological emergency**

## ANNEX I

### **MAXIMUM PERMITTED LEVELS OF RADIOACTIVE CONTAMINATION OF FOOD**

The maximum permitted levels to be applied to food shall be the following:

	Food (Bq/kg) <sup>1</sup>			
	Infant food <sup>2</sup>	Dairy produce <sup>3</sup>	Other food except minor food <sup>4</sup>	Liquid food <sup>5</sup>
Isotopes of strontium, notably Sr-90	75	125	750	125
Isotopes of iodine, notably I-131	150	500	2 000	500
Alpha-emitting isotopes of plutonium and transplutonium elements, notably Pu-239, Am-241	1	20	80	20
All other nuclides of half-life greater than 10 days, notably Cs-134, Cs-137 <sup>6</sup>	400	1 000	1 250	1 000

<sup>1</sup> The level applicable to concentrated or dried products is calculated on the basis of the reconstituted product as ready for consumption. Member States may make recommendations concerning the diluting conditions in order to ensure that the maximum permitted levels laid down in this Regulation are observed.

<sup>2</sup> Infant food is defined as those foodstuffs intended for the feeding of infants during the first twelve months of life, which meet, in themselves, the nutritional requirements of this category of person and are put up for retail sale in packages which are clearly identified and labelled under one of the following names: “infant formula”, “follow-on formula” “infant milk” and “follow-on milk”, in accordance with articles 11 and 12 of Commission Directive 2006/141/EC.

<sup>3</sup> Dairy produce is defined as those products falling within the following CN codes including, where appropriate, any adjustments which might be made to them later: 0401, 0402 (except 0402 29 11).

<sup>4</sup> Minor food and the corresponding levels to be applied to them are set out in Annex II.

<sup>5</sup> Liquid food as defined in the heading 2009 and in chapter 22 of the combined nomenclature. Values are calculated taking into account consumption of tap-water and the same values should be applied to drinking water supplies.

<sup>6</sup> Carbon 14, tritium and potassium 40 are not included in this group.

## ANNEX II

### MAXIMUM PERMITTED LEVELS OF RADIOACTIVE CONTAMINATION OF MINOR FOOD

1. List of minor food

CN code	Description
0703 20 00	Garlic (fresh or chilled)
0709 59 50	Truffles (fresh or chilled)
0709 99 40	Capers (fresh or chilled)
0711 90 70	Capers (provisionally preserved, but unsuitable in that state for immediate consumption)
ex 0712 39 00	Truffles (dried, whole, cut, sliced, broken or in powder, but not further prepared)
0714	Manioc, arrowroot, salep, Jerusalem artichokes, sweet potatoes and similar roots and tubers with high starch or inulin content, fresh, chilled, frozen or dried, whether or not sliced or in the form of pellets; sago pith
0814 00 00	Peel of citrus fruit or melons (including watermelons), fresh, frozen, dried or provisionally preserved in brine, in sulphur water or in other preservative solutions
0903 00 00	Maté
0904	Pepper of the genus <i>Piper</i> ; dried or crushed or ground fruits of the genus <i>Capsicum</i> or of the genus <i>Pimenta</i>
0905 00 00	Vanilla
0906	Cinnamon and cinnamon-tree flowers
0907 00 00	Cloves (whole fruit, cloves and stems)
0908	Nutmeg, mace and cardamons
0909	Seeds of anise, badian, fennel, coriander, cumin or caraway; juniper berries
0910	Ginger, saffron, turmeric (curcuma), thyme, bay leaves, curry and other spices
1106 20	Flour, meal and powder of sago or of roots or tubers of heading No 0714

1108 14 00	Manioc (cassava) starch
1210	Hop cones, fresh or dried, whether or not ground, powdered or in the form of pellets; lupulin
1211	Plants and parts of plants (including seeds and fruits), of a kind used primarily in perfumery, in pharmacy or for insecticidal, fungicidal or similar purposes, fresh or dried, whether or not cut, crushed or powdered
1301	Lac; natural gums, resins, gum-resins and oleoresins (for example, balsams)
1302	Vegetable saps and extracts; pectic substances, pectinates and pectates; agar-agar and other mucilages and thickeners, whether or not modified, derived from vegetable products
1504	Fats and oils and their fractions, of fish or marine mammals, whether or not refined, but not chemically modified
1604 31 00	Caviar
1604 32 00	Caviar substitutes
1801 00 00	Cocoa beans, whole or broken, raw or roasted
1802 00 00	Cocoa shells, husks, skins and other cocoa waste
1803	Cocoa paste, whether or not defatted
2003 90 10	Truffles (prepared or preserved otherwise than by vinegar or acetic acid)
2006 00	Vegetables, fruit, nuts, fruit-peel and other parts of plants, preserved by sugar (drained, glacé or crystallized)
2102	Yeasts (active or inactive); other single-cell micro-organisms, dead (but not including vaccines of heading No 3002); prepared baking powders
2936	Provitamins and vitamins, natural or reproduced by synthesis (including natural concentrates), derivatives thereof used primarily as vitamins, and intermixtures of the foregoing, whether or not in any solvent
3301	Essential oils (terpeneless or not), including concretes and absolutes; resinoids; extracted oleoresins; concentrates of essential oils in fats, in fixed oils, in waxes or the like, obtained by enfleurage or maceration; terpenic by-products of the deterpenation of essential oils; aqueous distillates and aqueous solutions of essential oils

2. The maximum permitted levels to be applied to the minor food as listed in paragraph 1, shall be the following

	<b>(Bq/kg)</b>
Isotopes of strontium, notably Sr-90	7500
Isotopes of iodine, notably I-131	20000
Alpha-emitting isotopes of plutonium and transplutonium elements, notably Pu-239, Am-241	800
All other nuclides of half-life greater than 10 days, notably Cs-134, Cs-137 <sup>7</sup>	12500

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<sup>7</sup> Carbon 14, tritium and potassium 40 are not included in this group.

### ANNEX III

#### **MAXIMUM PERMITTED LEVELS OF RADIOACTIVE CONTAMINATION OF FEED**

The maximum permitted levels for caesium-134 and caesium-137 shall be the following:

Animal	Bq/kg <sup>8,9</sup>
Pigs	1 250
Poultry, lambs, calves	2 500
Other	5 000

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<sup>8</sup> These levels are intended to contribute to the observance of the maximum permitted levels for food; they do not alone guarantee such observance in all circumstances and do not lessen the requirement for monitoring contamination levels in animal products destined for human consumption.

<sup>9</sup> These levels apply to feed as ready for consumption.

#### ANNEX IV Repealed Regulations

Council Regulation (Euratom) No 3954/87	(OJ L 371, 30.12.1987, p. 11)
Council Regulation (Euratom) No 2218/89	(OJ L 211, 22.7.1989, p. 1)
Commission Regulation (Euratom) No 944/89	(OJ L 101, 13.4.1989, p. 17)
Commission Regulation (Euratom) No 770/90	(OJ L 83, 30.3.1990, p. 78)



**ANNEX V**

**CORRELATION TABLE**

Regulation (Euratom) No 3954/87	Regulation (Euratom) No 944/89	Regulation (Euratom) No 770/90	This Regulation
Article 1(1)	Article 1		Article 1
Article 1(2)		Article 1	Article 1
Article 2(1)			Article 2
Article 2(2)			Article 3(1) and 3(2)
Article 3(1)			-
Article 3(2)			-
Article 3(3) and (4)			Article 3(3)
Article 4			-
Article 5(1)			-
Article 5(2)			Article 6
Article 6(1)			-
Article 6(2)			Article 4(1)
		Article 2	
		Article 1	Annex II(2)
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Article 7			Article 5
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Article 8			Article 7
Annex			Article 8
	Annex		Annex I
		Annex	Annex II(1)
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			Annex V