

4. British Nuclear Fuels plc

Table 4.3. continued

Location ^a	Material	No. of sampling observations ^b	Mean radioactivity concentration (wet), Bq kg ⁻¹				
			²³⁸ Pu	²³⁹ Pu+ ²⁴⁰ Pu	²⁴¹ Am	²⁴² Cm	²⁴³ Cm+ ²⁴⁴ Cm
Sound of Mull	Salmon	1			<0.45		
Minch	Cod	1	0.000073	0.00038	0.00058	*	*
Minch	Haddock	1	0.00026	0.0013	0.00084	*	*
Minch	Mackerel	1	0.00021	0.0010	0.0014	*	*
Minch	Plaice	4			<0.15		
Minch	Herring	3			<0.13		
Minch	<i>Nephrops</i>	1	0.00096	0.0060	0.0091	*	*
Shetland	Fish meal ^c	1	0.00030	0.0025	0.00092	*	*
Shetland	Fish oil ^c	4			<0.48		
Northern North Sea	Cod	1	0.000085	0.00033	0.00045	*	*
Northern North Sea	Plaice	3			<0.18		
Northern North Sea	Herring	3			<0.22		
Northern North Sea	Haddock	1	0.000070	0.00046	0.00046	*	*
Northern North Sea	<i>Nephrops</i>	1	0.00042	0.0027	0.0036	*	*
Mid North Sea	Cod	4			<0.17		
Mid North Sea	Plaice	3			<0.12		
Mid North Sea	Herring	2			<0.22		
Mid North Sea	Mussels ^d	1	0.00053	0.0021	0.0011	*	*
Southern North Sea	Cod	2			<0.15		
Southern North Sea	Plaice	2			<0.12		
Southern North Sea	Herring	2			<0.11		
Southern North Sea	Cockles	1	0.0035	0.0074	0.0098	0.00017	0.00095
Southern North Sea	Cockles ^e	1	0.0028	0.011	0.015	0.00018	0.0014
Southern North Sea	Mussels	1	0.0013	0.0084	0.0034	*	*
English Channel East	Cod	4			<0.11		
English Channel East	Plaice	4			<0.07		
English Channel East	Scallops	1	0.0019	0.0068	0.0027	*	0.00029
English Channel West	Mackerel	2			<0.18		
English Channel West	Plaice	2			<0.15		
English Channel West	Whiting	2			<0.18		
English Channel West	Crabs	1	0.000068	0.00048	0.0011	*	0.00013
English Channel West	Lobsters	1			<0.74		
English Channel West	Scallops	1	0.00026	0.0030	0.0011	0.000052	0.000016
Gt Yarmouth (retail shop)	Cod	4			<0.13		
Gt Yarmouth (retail shop)	Plaice	4			<0.16		
Skagerrak	Cod	3			<0.12		
Skagerrak	Herring	3			<0.16		
Norwegian Sea	Cod	1			<0.04		
Norwegian Sea	Saithe	1			<0.06		
Iceland Area	Cod	2			<0.07		
Icelandic processed	Cod	1	0.000097	0.00050	0.00078	*	*
Barents Sea	Cod	3			<0.09		
Baltic Sea	Cod	3			<0.22		
Baltic Sea	Herring	3			<0.11		
Celtic Sea	Cod	2			<0.22		
Celtic Sea	Pollack	1			<0.04		
Celtic Sea	Whiting	1			<0.05		

* not detected by the method used

^a Sampling area or landing point^b See section 3 for definition^c Samples collected by Consumer 116^d *Aphrodite aculeata*, an annelid worm^e Concentrations refer to weight as supplied^f Landed in Denmark^g Landed in Holland