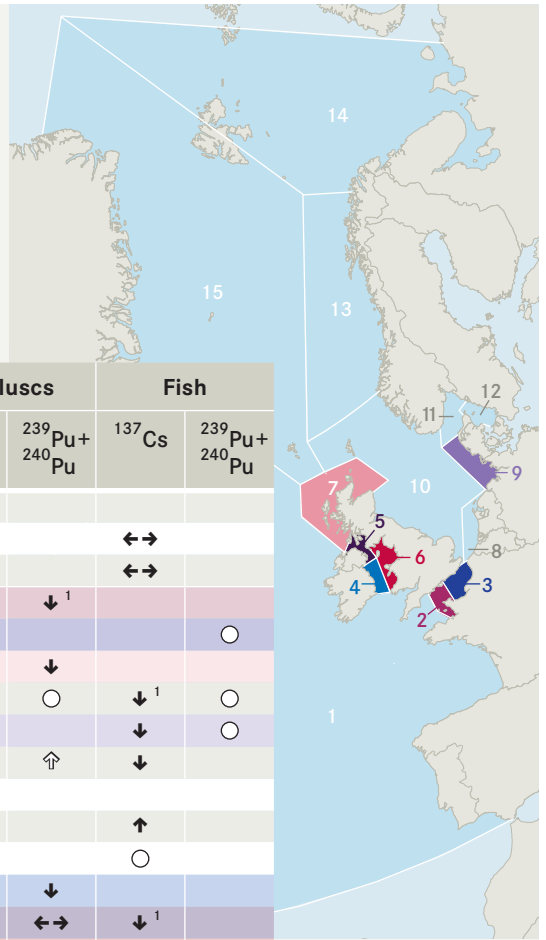**FIGURE 6.5**

A: *Summary of statistical tests on mean concentrations in 2002–2006 relative to the baseline period (1995–2001) by OSPAR Region, monitoring area, environmental compartment and radionuclide.*

B: *Time series of environmental concentrations (1995–2006) for some indicator radionuclides and matrixes with statistically significant change between assessment and baseline period.*

A

OSPAR Regions and monitoring areas		Seawater				Seaweed		Molluscs		Fish	
		^{3}H	^{137}Cs	^{99}Tc	^{239}Pu+^{240}Pu	^{137}Cs	^{99}Tc	^{137}Cs	^{239}Pu+^{240}Pu	^{137}Cs	^{239}Pu+^{240}Pu
Region I	13		⇩	←→	←→	←→	←→				
	14		○	←→	←→					←→	
	15		⬇		←→	⬇ [1]	←→			←→	
Region II	2	⇩ [1]	○			⬇ [1]	⬇		⬇ [1]		
	3	○	○			⇧ [1]	⬇ [1]				○
	7	○	○			⬇ [1]	⬇		⬇		
	8	←→	○		○				○	⬇ [1]	○
	9	⇧ [1]	⬇	○	←→					⬇	○
	10	⇧ [1]	←→	○	←→		←→		⇧	⬇	
	11		←→	←→	←→	←→	←→				
	12	○	⇧ [1]	⬇		⬇	←→			↑	
Region III	1	⇩ [1]	○	○		⇩ [1]	○			○	
	4		⬇	⇩		⬇	⬇		⬇		
	5		⬇				←→		←→	⬇ [1]	
	6	←→ [1]	⬇	←→			⇩	⬇	←→		
	7	○	○			⬇ [1]	⬇		⬇		
Region IV	1	⇩ [1]	○	○		⇩ [1]	○			○	

Change in concentration:
↓ downward; ↑ upward; ←→ no change
⬇ confirmed by two statistical tests
⇩ confirmed by one of two statistical tests

○ Data do not allow statistical tests
[1] Some/most data for baseline and/or assessment period are below detection limit

Blank field: no data

B

^{137}Cs in seawater

Bq/l

^{99}Tc in seaweed

Bq/kg w.w.

$^{239,\,240}$Pu in molluscs

Bq/kg w.w.