TABLE 1
Inventory Estimates for PCB-Containing Electrical Equipment Owned/Operated by U.S. Electric Utilities

equipment category	1981-1982 inventory	2009-2010 inventory
total mineral oil-filled transformers	20,227,248	34,262,098
units with 50-500 ppm PCBs	2,166,159	892,458
units with >500 ppm PCBs	219,918	90,606
percentage of total with 50-500 ppm PCBs	10.7%	2.6%
percentage of total with >500 ppm PCBs	1.09%	0.26%
total askarel transformers (all >500 ppm PCBs)	39,640	7,004
total large PCB capacitors (all >500 ppm PCBs)	2,800,619	119,207
total oil-filled voltage regulators	145,159	245,879
units with 50-500 ppm PCBs	17,854	7,357
units with >500 ppm PCBs	2,468	1,017
total oil-filled circuit breakers	180,939	306,485
units with 50-500 ppm PCBs	3,256	1,341
units with >500 ppm PCBs	0	0
total oil-filled switches	385,768	653,436
units with 50-500 ppm PCBs	54,007	22,251
units with >500 ppm PCBs	0	0
totals for all transformers (mineral oil and askarel)	20,266,888	34,269,102
units with 50-500 ppm PCBs	2,166,159	892,458
units with >500 ppm PCBs	259,558	97,610
percentage of total with 50-500 ppm PCBs	10.7%	2.6%
percentage of total with >500 ppm PCBs	1.28%	0.28%
totals for all listed types of equipment*		
total units, all types, regardless of PCB content**	23,779,373	40,251,391
total units with >50 ppm PCBs	5,303,921	1,141,241
total units with 50-500 ppm PCBs	2,241,276	923,407
total units with >500 ppm PCBs	3,062,645	217,834
percentage of total with >50 ppm PCBs	22.3%	2.8%
percentage of total with 50-500 ppm PCBs	9.43%	2.3%
percentage of total with >500 ppm PCBs	12.9%	0.54%

* This table lists only the types of equipment for which PCB-containing units were identified in the 1981 RPC inventory. The total number of oil-filled units of all types in use by the U.S. electric utility industry is substantially higher than the total for the equipment types listed in this table.

** The numbers of large capacitors (4,743,853), voltage regulators (245,879), circuit breakers (306,485), and switches (653,436) included in the 2009-2010 total units estimate were calculated to maintain a constant ratio for each type of equipment to the number of mineral oil transformers. The 2009-2010 total also includes 39,640 transformers representing the pre-1982 askarel units still in use and their replacements.