

Centralized Reliability and Events Database Reliability Data for Nuclear Power Plant Components

Overview of the components considered in the periodical analyses

Components	Analysis Reports (bound edition)				Analysis Reports (loose-leaf system)			
					basis edition	1 st up- grading	2 nd up- grading	3 rd up- grading
	1999	2000	2002	2004	2006	2007	2008	2010
Valves	27	32	31	37	(37)+30	38+2	33+13	36+10
Pumps	8	18	18	24	(23)+14	23+0	19+0	8+0
Emergency diesel generators	2	2	2	2	(2)	2+0	-	2+0
Batteries	-	2	2	2	(2)	2+0	-	2+0
Rotating inverters	-	1	1	1	(1)	1+0	-	1+0
Static inverters	-	4	4	4	(4)	4+0	-	4+0
Transformers	-	8	8	8	(8)	8+0	-	8+0
Fan/ Compressors	-	-	3	3	(3)	3+0	-	3+0
Busbars	-	-	5	5	(5)	5+0	-	5+0
Circuit breakers	-	-	5	6	(6)	6+0	6+0	-
Vessels/ Tanks	-	-	-	-	5	5+0	-	5+0
Heat exchanger	-	-	-	-	2	2+0	-	2+0
Control rods	-	-	-	-	2	2+0	-	2+0

Remarks: (a)+b - Results for "a" populations are implemented from analysis report 2004 and data for "b" populations are updated or analysed for the first time
(c) - Results for "c" populations are implemented from analysis report 2004
d+e - Results for "d" populations are updated and data for "e" populations are analysed for the first time