

BASIC NUCLEAR INSTALLATION INSPECTORS

(as at 31 December 2005)

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Olivier KLEIN
Xavier LESAGE
Xavier MANTIN
Sébastien MATHIEUX
Guillaume WACK

LIST OF BASIC NUCLEAR INSTALLATIONS* (on 31.12.05)

No in the list	NAME AND LOCATION OF THE INSTALLATION	Licensee	Type of installation	Declared on:	Authorised on:	Official Gazette (O.G.) of:	OBSERVATIONS
18	ULYSSE (Saclay) 91191 Gif-sur-Yvette Cedex	CEA	Reactor	27.05.64			
19	MÉLUSINE 38041 Grenoble Cedex	CEA	Reactor	27.05.64			Shutdown on 30.06.88. Modification prior to dismantling and decommissioning: decree of 08.01.04 O.G. of 09.01.04
20	SILOÉ 38041 Grenoble Cedex	CEA	Reactor	27.05.64			Shutdown on 23.12.97. Final shutdown and dismantling decree of 26.01.05 O.G. of 02.02.05
21	SILOETTE 38041 Grenoble Cedex	CEA	Reactor	27.05.64			Final shutdown and dismantling: decree of 26.01.05 O.G. of 02.02.05
22	TEMPORARY DISPOSAL FACILITY (PÉGASE) AND SPENT NUCLEAR FUEL DRY STORAGE INSTALLATION (CASCAD) (Cadarache) 13115 Saint-Paul-lez-Durance	CEA	Disposal of radioactive substances	27.05.64	17.04.80	27.04.80	Former reactor shutdown on 19.12.75. Modification: decree of 04.09.89 O.G. of 08.09.89 (creation of Cascad)
24	CABRI and SCARABÉE (Cadarache) 13115 Saint-Paul-lez-Durance	CEA	Reactors	27.05.64			
25	RAPSODIE/LDAC (Cadarache) 13115 Saint-Paul-lez-Durance	CEA	Reactor	27.05.64			Shutdown on 15.04.83
29	ARTIFICIAL RADIONUCLIDES PRODUCTION FACILITY (Saclay) 91191 Gif-sur-Yvette Cedex	CEA (Oris-Industrie)	Fabrication or transformation of radioactive substances	27.05.64			
32	PLUTONIUM TECHNOLOGY FACILITY (ATPu) (Cadarache) 13115 Saint-Paul-lez-Durance	CEA	Fabrication or transformation of radioactive substances	27.05.64			
33	SPENT FUEL REPROCESSING PLANT (UP2 and AT1) (La Hague) 50107 Cherbourg	COGEMA	Transformation of radioactive substances	27.05.64			Modification: decree of 17.01.74 O.G. of 05.02.74. Change in licensee: decree of 09.08.78 O.G. of 19.08.78. Boundary change: decree of 10.01.03 O.G. of 11.01.03

LIST OF BASIC NUCLEAR INSTALLATIONS* (continuation)

No in the list	NAME AND LOCATION OF THE INSTALLATION	Licensee	Type of installation	Declared on:	Authorised on:	Official Gazette (O.G.) of:	OBSERVATIONS
34	EFFLUENT AND SOLID WASTE TREATMENT STATION 92265 Fontenay-aux-Roses Cedex	CEA	Transformation of radioactive substances	27.05.64			
35	LIQUID EFFLUENT MANAGEMENT ZONE (Saclay) 91191 Gif-sur-Yvette Cedex	CEA	Transformation of radioactive substances	27.05.64			Modification: decree of 08.01.04 O.G. of 09.01.04
36	EFFLUENT AND SOLID WASTE TREATMENT STATION 38041 Grenoble Cedex	CEA	Transformation of radioactive substances	27.05.64			
37	EFFLUENT AND SOLID WASTE TREATMENT STATION (Cadarache) 13115 Saint-Paul-lez-Durance	CEA	Transformation of radioactive substances	27.05.64			
38	EFFLUENT AND SOLID WASTE TREATMENT STATION "STE2" AND SPENT NUCLEAR FUELS REPROCESSING FACILITY (AT1) (La Hague) 50107 Cherbourg	COGEMA	Transformation of radioactive substances	27.05.64			Change in Licensee: decree of 09.08.78. O.G. of 19.08.78 Boundary change: decree of 10.01.03 O.G. of 11.01.03
39	MASURCA (Cadarache) 13115 Saint-Paul-lez-Durance	CEA	Reactor		14.12.66	15.12.66	
40	OSIRIS - ISIS (Saclay) 91191 Gif-sur-Yvette Cedex	CEA	Reactors		08.06.65	12.06.65	
41	HARMONIE (Cadarache) 13115 Saint-Paul-lez-Durance	CEA	Reactor		08.06.65	12.06.65	Final shutdown and dismantling decree of 12.01.04 O.G. du 13.01.04
42	ÉOLE (Cadarache) 13115 Saint-Paul-lez-Durance	CEA	Reactor		23.06.65	28 and 29.06.65	
43	LINEAR ACCELERATOR (Saclay) 91191 Gif-sur-Yvette Cedex	CEA	Particle accelerator		08.10.65	13.10.65	Final shutdown and dismantling decree of 08.01.04 O.G. of 09.01.04
44	STRASBOURG UNIVERSITY REACTOR 67037 Strasbourg Cedex	Université Louis Pasteur	Reactor		25.06.65	01.07.65	
45	BUGEY NUCLEAR POWER PLANT (reactor 1) 01980 Loyettes	EDF	Reactor		22.11.68	24.11.68	Boundary change: decree of 10.12.85 O.G. of 18.12.85. Reactor shutdown on 27.05.94 Final shutdown decree of 30.08.96 O.G. of 07.09.96

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46	SAINT-LAURENT-DES-EAUX NUCLEAR POWER PLANT (reactors A1 and A2) 41220 La Ferté-Saint-Cyr	EDF	Reactors		22.11.68	24.11.68	Boundary change: decree of 10.12.85 O.G. of 18.12.85 Final shutdown decree of 11.04.94 O.G. of 16.04.94
47	ELAN IIB FACILITY (La Hague) 50107 Cherbourg	COGEMA	Transformation of radioactive substances		03.11.67	09.11.67	Change in licensee: decree of 09.08.78 O.G. of 19.08.78
49	HIGH ACTIVITY LABORATORY (Saclay) 91191 Gif-sur-Yvette Cedex	CEA	Use of radioactive substances	08.01.68			Extension: decree of 22.02.88 O.G. of 24.02.88
50	SPENT FUEL TEST LABORATORY (LECI) (Saclay) 91191 Gif-sur-Yvette Cedex	CEA	Use of radioactive substances	08.01.68			Modification: decree of 30.05.00 O.G. of 03.06.00
52	ENRICHED URANIUM PROCESSING FACILITY (ATUE) (Cadarache) 13115 Saint-Paul-lez-Durance	CEA	Fabrication of radioactive substances	08.01.68			
53	ENRICHED URANIUM AND PLUTONIUM WAREHOUSE (Cadarache) 13115 Saint-Paul-lez-Durance	CEA	Radioactive substances depot	08.01.68			
54	CHEMICAL PURIFICATION LABORATORY (Cadarache) 13115 Saint-Paul-lez-Durance	CEA	Transformation of radioactive substances	08.01.68			
55	ACTIVE FUEL EXAMINATION LABORATORY (LECA) AND SPENT FUEL REPROCESSING, CLEAN-UP AND REPACKAGING STATION (STAR) (Cadarache) 13115 Saint-Paul-lez-Durance	CEA	Use of radioactive substances	08.01.68			Modification: decree of 04.09.89 O.G. of 08.09.89 (creation of STAR)
56	RADIOACTIVE WASTE INTERIM STORAGE AREA (Cadarache) 13115 Saint-Paul-lez-Durance	CEA	Disposal of radioactive substances	08.01.68			
57	PLUTONIUM CHEMISTRY LABORATORY (LCPu) 92265 Fontenay-aux-Roses Cedex	CEA	Use of radioactive substances	08.01.68			Final production shutdown: 01.07.95
59	LABORATORY FOR PLUTONIUM BASED FUEL STUDIES (RM2) 92265 Fontenay-aux-Roses Cedex	CEA	Use of radioactive substances	08.01.68			Shutdown on 31.07.82
61	ACTIVE MATERIAL ANALYSIS LABORATORY (LAMA) 38041 Grenoble Cedex	CEA	Use of radioactive substances	08.01.68			

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63	FUEL ELEMENTS FABRICATION PLANT 26104 Romans-sur-Isère	FBFC	Fabrication of radioactive substances	09.05.67			Change in license: decree of 02.03.78 O.G. of 10.03.78 Modification: decree of 09.08.78 O.G. of 08.09.78
65	NUCLEAR FUELS FABRICATION PLANT 38113 Veurey-Voroize	SICN	Fabrication of radioactive substances	27.10.67			
66	MANCHE WASTE REPOSITORY (CSM) 50448 Beaumont-Hague	ANDRA	Disposal of radioactive substances		19.06.69	22.06.69	Change in license: decree of 24.03.95 O.G. of 26.03.95 Modification: decree of 10.01.03 O.G. of 11.01.03
67	HIGH FLUX REACTOR (RHF) 38041 Grenoble Cedex	Institut Max von Laue Paul Langevin	Reactor		19.06.69 05.12.94	22.06.69 06.12.94	Boundary change: decree of 12.12.88 O.G. of 16.12.88
68	DAGNEUX IONISATION PLAN Z.I. Les Chartinières 01120 Dagneux	IONISOS	Use of radioactive substances		20.07.71	25.07.71	Increase in maximum activity of ionisation source: decree of 15.06.78 O.G. of 27.06.78 Change in licensee: decree of 23.10.95 O.G. of 28.10.95
71	PHÉNIX NUCLEAR POWER PLANT (Marcoule) 30205 Bagnols-sur-Cèze	CEA	Reactor		31.12.69	09.01.70	
72	SOLID RADIOACTIVE WASTE MANAGEMENT ZONE (Saclay) 91191 Gif-sur-Yvette Cedex	CEA	Radioactive substances disposal or depot		14.06.71	22.06.71	
73	SOLID RADIOACTIVE WASTE INTERIM STORAGE FACILITY 92265 Fontenay-aux-Roses Cedex	CEA	Radioactive substances disposal or depot		14.06.71	22.06.71	
74	INTERIM STORAGE OF IRRADIATED GRAPHITE SLEEVES (Saint-Laurent-des-Eaux) 41220 La Ferté-Saint-Cyr	EDF	Radioactive substances disposal or depot		14.06.71	22.06.71	Change in license: decree of 28.06.84 O.G. of 06.07.84
75	FESSENHEIM NUCLEAR POWER PLANT (reactors 1 and 2) 68740 Fessenheim	EDF	Reactors		03.02.72	10.02.72	Boundary change: decree of 10.12.85 O.G. of 18.12.85
77	POSÉIDON-CAPRI IRRADIATION FACILITIES (Saclay) 91191 Gif-sur-Yvette Cedex	CEA	Use of radioactive substances		07.08.72	15.08.72	

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78	BUGEY NUCLEAR POWER PLANT (reactors 2 and 3) 01980 Loyettes	EDF	Reactors		20.11.72	26.11.72	Boundary change: decree of 10.12.85 O.G. of 18.12.85
79	DECAY INTERIM DECAY STORAGE PITFACILITY 38041 Grenoble Cedex	CEA	Radioactive substances disposal or depot		20.12.72	01.02.73	
80	HAO (HIGH LEVEL OXIDE) FACILITY (La Hague) 50107 Cherbourg	COGEMA	Transformation of radioactive substances		17.01.74	05.02.74	Change in licensee: decree of 09.08.78 O.G. of 19.08.78 Boundary change: decree of 10.01.03 O.G. of 11.01.03
84	DAMPIERRE NUCLEAR POWER PLANT (reactors 1 and 2) 45570 Ouzouer-sur-Loire	EDF	Reactors		14.06.76	19.06.76	
85	DAMPIERRE NUCLEAR POWER PLANT (reactors 3 and 4) 45570 Ouzouer-sur-Loire	EDF	Reactors		14.06.76	19.06.76	
86	BLAYAIS NUCLEAR POWER PLANT (reactors 1 and 2) 33820 Saint-Ciers-sur-Gironde	EDF	Reactors		14.06.76	19.06.76	
87	TRISCATIN NUCLEAR POWER PLANT (reactors 1 and 2) 26130 Saint-Paul-Trois-Châteaux	EDF	Reactors		02.07.76	04.07.76	Boundary change: decree of 10.12.85 O.G. of 18.12.85
88	TRICASTIN NUCLEAR POWER PLANT (reactors 3 and 4) 26130 Saint-Paul-Trois-Châteaux	EDF	Reactors		02.07.76	04.07.76	Boundary change: decree of 10.12.85 O.G. of 18.12.85 Boundary change: decree of 29.11.04 O.G. of 02.12.04
89	BUGEY NUCLEAR POWER PLANT (reactors 4 and 5) 01980 Loyettes	EDF	Reactors		27.07.76	17.08.76	Boundary change: decree of 10.12.85 O.G. of 18.12.85
90	PELLET FABRICATION FACILITY 38113 Veurey-Voroize	SICN	Fabrication of radioactive substances		27.01.77	29.01.77	Modifications: decrees of 15.06.77 O.G. of 19.06.77 and 14.10.86 O.G. of 17.10.86

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91	SUPERPHÉNIX REACTOR 38510 Morestel	EDF	Fast neutron reactor		12.05.77 10.01.89	28.05.77 12.01.89	Boundary change: decree of 24.07.85 O.G. of 31.07.85 Commissioning postponement: decree of 25.07.86 O.G. of 26.07.86 Final shutdown and change in licensee decree of 30.12.98 O.G. of 31.12.98
92	PHÉBUS (Cadarache) 13115 Saint-Paul-lez-Durance	CEA	Reactor		05.07.77	19.07.77	Modification: decree of 07.11.91 O.G. of 10.11.91
93	GEORGES BESSE PLANT FOR URANIUM ISOTOPE SEPARATION BY GASEOUS DIFFUSION (Eurodif) 26702 Pierrelatte Cedex	EURODIF PRODUCTION	Transformation of radioactive substances		08.09.77	10.09.77	Boundary change: decree of 22.06.85 O.G. of 30.06.85
94	IRRADIATED MATERIALS FACILITY (Chinon) 37420 Avoine	EDF	Use of radioactive substances	29.01.64			Modification: decree of 15.04.85 O.G. of 19.04.85
95	MINERVE (Cadarache) 13115 Saint-Paul-lez-Durance	CEA	Reactor		21.09.77	27.09.77	
96	GRAVELINES NUCLEAR POWER PLANT (reactors 1 and 2) 59820 Gravelines	EDF	Reactors		24.10.77	26.10.77	Boundary change: decree of 29.11.04 O.G. of 02.12.04
97	GRAVELINES NUCLEAR POWER PLANT (reactors 3 and 4) 59820 Gravelines	EDF	Reactors		24.10.77	26.10.77	Boundary change: decree of 29.11.04 O.G. of 02.12.04
98	NUCLEAR FUELS FABRICATION UNIT 26104 Romans-sur-Isère	FBFC	Fabrication of radioactive substances		02.03.78	10.03.78	
99	CHINON INTERREGIONAL WAREHOUSE 37420 Avoine	EDF	Interim storage of new fuel		02.03.78	11.03.78	Modification: decree of 04.06.98 O.G. of 06.06.98
100	SAINT-LAURENT-DES-EAUX NUCLEAR POWER PLANT (reactors B1 and B2) 41220 La Ferté-Saint-Cyr	EDF	Reactors		08.03.78	21.03.78	
101	ORPHÉE (Saclay) 91191 Gif-sur-Yvette Cedex	CEA	Reactor		08.03.78	21.03.78	
102	BUGEY INTERREGIONAL WAREHOUSE 01980 Loyettes	EDF	Interim storage of new fuel		15.06.78	27.06.78	Modification: decree of 04.06.98 O.G. of 06.06.98
103	PALUEL NUCLEAR POWER PLANT (reactor 1) 76450 Cany-Barville	EDF	Reactor		10.11.78	14.11.78	

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104	PALUEL NUCLEAR POWER PLANT (reactor 2) 76450 Cany-Barville	EDF	Reactor		10.11.78	14.11.78	
105	URANIUM HEXAFLUORIDE PREPARATION PLANT (COMURHEX) 26130 Saint-Paul-Trois-Châteaux	COMURHEX	Transformation of radioactive substances	22.03.79			Classified secret until 31.12.78 (décision de déclasséement du 10.07.78)
106	LABORATORY FOR THE USE OF ELECTROMAGNETIC RADIATION (LURE) 91405 Orsay Cedex	CNRS	Particle accelerator				Change in licensee: decree of 08.07.85 O.G. of 12.07.85 Modification: decree of 02.07.92 O.G. of 08.07.92
107	CHINON NUCLEAR POWER PLANT (reactors B1 and B2) 37420 Avoine	EDF	Reactors		04.12.79	08.12.79	Modification: decree of 21.07.98 O.G. of 26.07.98
108	FLAMANVILLE NUCLEAR POWER PLANT (reactor 1) 50830 Flamanville	EDF	Reactor		21.12.79	26.12.79	
109	FLAMANVILLE NUCLEAR POWER PLANT (reactor 2) 50830 Flamanville	EDF	Reactor		21.12.79	26.12.79	
110	BLAYAIS NUCLEAR POWER PLANT (reactors 3 and 4) 33820 Saint-Ciers-sur-Gironde	EDF	Reactors		05.02.80	14.02.80	
111	CRUAS NUCLEAR POWER PLANT (reactors 1 and 2) 07350 Cruas	EDF	Reactors		08.12.80	31.12.80	Boundary change: decree of 10.12.85 O.G. of 18.12.85 Boundary change: decree of 29.11.04 O.G. of 02.12.04
112	CRUAS NUCLEAR POWER PLANT (reactors 3 and 4) 07350 Cruas	EDF	Reactors		08.12.80	31.12.80	Boundary change: decree of 29.11.04 O.G. of 02.12.04
113	LARGE NATIONAL HEAVY ION ACCELERATOR (GANIL) 14021 Caen Cedex	G.I.E. GANIL	Particle accelerator		29.12.80	10.01.81	Modification: decree of 06.06.01 O.G. of 13.06.01
114	PALUEL NUCLEAR POWER PLANT (reactor 3) 76450 Cany-Barville	EDF	Reactor		03.04.81	05.04.81	
115	PALUEL NUCLEAR POWER PLANT (reactor 4) 76450 Cany-Barville	EDF	Reactor		03.04.81	05.04.81	

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116	REPROCESSING PLANT FOR SPENT FUEL ELEMENTS FROM LIGHT WATER REACTORS "UP3 A" (La Hague) 50107 Cherbourg	COGEMA	Transformation of radioactive substances		12.05.81	16.05.81	Commissioning postponement: decree of 28.03.89 O.G. of 07.04.89 Modification: decree of 18.01.93 O.G. of 24.01.93 Modification: decree of 10.01.03 O.G. of 11.01.03 Boundary change: decree of 10.01.03 O.G. of 11.01.03
117	REPROCESSING PLANT FOR SPENT FUEL ELEMENTS FROM LIGHT WATER REACTORS "UP2 800" (La Hague) 50107 Cherbourg	COGEMA	Transformation of radioactive substances		12.05.81	16.05.81	Commissioning postponement: decree of 28.03.89 O.G. of 07.04.89 Modification: decree of 18.01.93 O.G. of 24.01.93 Modification: decree of 10.01.03 O.G. of 11.01.03 Boundary change: decree of 10.01.03 O.G. of 11.01.03
118	LIQUID EFFLUENT AND SOLID WASTE TREATMENT STATION "STE3" (La Hague) 50107 Cherbourg	COGEMA	Transformation of radioactive substances		12.05.81	16.05.81	Commissioning postponement: decree of 27.04.88 O.G. of 03.05.88 Modification: decree of 10.01.03 O.G. of 11.01.03 Boundary change: decree of 10.01.03 O.G. of 11.01.03
119	SAINT-ALBAN-SAINT-MAURICE NUCLEAR POWER PLANT (reactor 1) 38550 Le Péage-de-Roussillon	EDF	Reactor		12.11.81	15.11.81	
120	SAINT-ALBAN-SAINT-MAURICE NUCLEAR POWER PLANT (reactor 2) 38550 Le Péage-de-Roussillon	EDF	Reactor		12.11.81	15.11.81	
121	CADARACHE IRRADIATOR (IRCA) 13115 Saint-Paul-lez-Durance	CEA	Use of radioactive substances		16.12.81	18.12.81	Final shutdown and dismantling decree of 12.01.04 O.G. of 13.01.04
122	GRAVELINES NUCLEAR POWER PLANT (reactors 5 and 6) 59820 Gravelines	EDF	Reactors		18.12.81	20.12.81	Boundary change: decree of 10.12.85 O.G. of 18.12.85

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123	LABORATORY FOR THE EXPERIMENTAL DESIGN AND FABRICATION OF ADVANCED NUCLEAR FUELS (LEFCA) (Cadarache) 13115 Saint-Paul-lez-Durance	CEA	Fabrication of radioactive substances		23.12.81	26.12.81	
124	CATTENOM NUCLEAR POWER PLANT (reactor 1) 57570 Cattenom	EDF	Reactor		24.06.82	26.06.82	
125	CATTENOM NUCLEAR POWER PLANT (reactor 2) 57570 Cattenom	EDF	Reactor		24.06.82	26.06.82	
126	CATTENOM NUCLEAR POWER PLANT (reactor 3) 57570 Cattenom	EDF	Reactor		24.06.82	26.06.82	
127	BELLEVILLE NUCLEAR POWER PLANT (reactor 1) 18240 Léré	EDF	Reactor		15.09.82	16.09.82	
128	BELLEVILLE NUCLEAR POWER PLANT (reactor 2) 18240 Léré	EDF	Reactor		15.09.82	16.09.82	Boundary change: decree of 29.11.04 O.G. of 02.12.04
129	NOGENT NUCLEAR POWER PLANT (reactor 1) 10400 Nogent-sur-Seine	EDF	Reactor		28.09.82	30.09.82	Boundary change: decree of 10.12.85 O.G. of 18.12.85
130	NOGENT NUCLEAR POWER PLANT (reactor 2) 10400 Nogent-sur-Seine	EDF	Reactor		28.09.82	30.09.82	Boundary change: decree of 10.12.85 O.G. of 18.12.85
132	CHINON NUCLEAR POWER PLANT (reactors B3 and B4) 37420 Avoine	EDF	Reactors		07.10.82	10.10.82	Modification: decree of 21.07.98 O.G. of 26.07.98
133	CHINON A1D 37420 Avoine	EDF	Radioactive substances disposal or depot		11.10.82	16.10.82	Former reactor shutdown on 16.04.73
134	URANIUM WAREHOUSE 13140 Miramas	COGEMA	Interim storage of products containing uranium		16.11.83	19.11.83	
135	GOLFECH NUCLEAR POWER PLANT (reactor 1) 82400 Golfech	EDF	Reactor		03.03.83	06.03.83	Boundary change: decree of 29.11.04 O.G. of 02.12.04
136	PENLY NUCLEAR POWER PLANT (reactor 1) 76370 Neuville-lez-Dieppe	EDF	Reactor		23.02.83	26.02.83	
137	CATTENOM NUCLEAR POWER PLANT (reactor 4) 57570 Cattenom		Reactor		29.02.84	03.03.84	

LIST OF BASIC NUCLEAR INSTALLATIONS* (continuation)

No in the list	NAME AND LOCATION OF THE INSTALLATION	Licensee	Type of installation	Declared on:	Authorised on:	Official Gazette (O.G.) of:	OBSERVATIONS
138	URANIUM CLEAN-UP AND RECOVERY FACILITY (Tricastin) 26130 Saint-Paul-Trois-Châteaux	EDF SOCATRI	Factory		22.06.84	30.06.84	Modifications: decrees of 29.11.93 O.G. of 07.12.93 and 10.06.03 O.G. of 17.06.03
139	CHOOZ B NUCLEAR POWER PLANT (reactor 1) 08600 Givet	EDF	Reactor		09.10.84	13.10.84	Commissioning postponement: decrees of 18.10.1993 O.G. of 23.10.93 and 11.06.99 O.G. of 18.06.99
140	PENLY NUCLEAR POWER PLANT (reactor 2) 76370 Neuville-lez-Dieppe	EDF	Reactor		09.10.84	13.10.84	
141	FUEL EVACUATION FACILITY (Creys-Malville) 38510 Morestel	EDF	Radioactive substances disposal or depot		24.07.85	31.07.85	Commissioning postponement: decree of 28.07.93 O.G. of 29.07.93 Change in licensee decree of 30.12.98 O.G. of 31.12.98
142	GOLFECH NUCLEAR POWER PLANT (reactor 2) 82400 Golfech	EDF	Reactor		31.07.85	07.08.85	
143	NUCLEAR MAINTENANCE FACILITY (SOMANU) 59600 Maubeuge	SOMANU	Nuclear maintenance		18.10.85	22.10.85	
144	CHOOZ B NUCLEAR POWER PLANT (reactor 2) 08600 Givet	EDF	Reactor		18.02.86	25.02.86	Commissioning postponement: decrees of 18.10.93 O.G. of 23.10.93 and of 11.06.99 O.G. of 18.06.99
146	POUZAUGES IONISATION PLANT Z.I. de Monlifant 85700 Pouzauges	IONISOS	Ionisation installation		30.01.89	31.01.89	Change in licensee: decree of 23.10.95 O.G. of 28.10.95
147	GAMMASTER IONISATION PLANT – M.I.N. 712 13323 Marseille Cedex 14	GAMMASTER	Ionisation installation		30.01.89	31.01.89	
148	ATALANTE CEN VALRHO Chusclan 30205 Bagnols-sur-Cèze	CEA	R&D laboratory and study of actinides production		19.07.89	25.07.89	Commissioning postponement: decree of 22.07.99 O.G. of 23.07.99
149	AUBE WASTE REPOSITORY (CSA) Soulaines-Dhuys 10200 Bar-sur-Aube	ANDRA	Radioactive substances surface repository		04.09.89	06.09.89	Change in licensee: decree of 24.03.95 O.G. of 26.03.95

LIST OF BASIC NUCLEAR INSTALLATIONS* (continuation)

No in the list	NAME AND LOCATION OF THE INSTALLATION	Licensee	Type of installation	Declared on:	Authorised on:	Official Gazette (O.G.) of::	OBSERVATIONS
151	NUCLEAR FUELS FABRICATION PLANT (MELOX) BP 2 - 30200 Chusclan	COGEMA	Fabrication of radioactive substances		21.05.90	22.05.90	Modifications: decrees of 30.07.99 O.G. of 31.07.99, 03.09.03 O.G. of 04.09.03 and 04.10.04 O.G. of 05.10.04
153	CHINON A2 D 37420 Avoine	EDF	Radioactive substances disposal or depot		07.02.91	13.02.91	Former reactor shutdown on 14.06.85
154	SABLÉ-SUR-SARTHE IONISATION PLANT Z.I. de l'Aubrée 72300 Sablé-sur-Sarthe	IONISOS	Ionisation installation		01.04.92	04.04.92	Change in licensee: decree of 23.10.95 O.G. of 28.10.95
155	INSTALLATION TU 5 BP 16 26701 Pierrelatte	COGEMA	Transformation of radioactive substances		07.07.92	11.07.92	Modification: decree of 15.09.94 O.G. of 24.09.94
156	CHICADE (Cadarache) BP 1 13108 Saint-Paul-lez-Durance Cedex	CEA	R&D laboratory		29.03.93	30.03.93	
157	TRICASTIN OPERATIONAL HOT UNIT (BCOT) 84504 Bollène Cedex	EDF	Nuclear maintenance		29.11.93	07.12.93	Modification: decree of 29.11.04 O.G. of 02.12.04
158	CIVAUX NUCLEAR POWER PLANT (reactor 1) BP 1 - 86320 Civaux	EDF	Reactor		06.12.93	12.12.93	Commissioning postponement: decree of 11.06.99 O.G. of 18.06.99
159	CIVAUX NUCLEAR POWER PLANT (reactor 2) BP 1 - 86320 Civaux	EDF	Reactor		06.12.93	12.12.93	Commissioning postponement: decree of 11.06.99 O.G. of 18.06.99
160	CENTRACO Codolet 30200 Bagnols-sur-Cèze	SOCODEI	Radioactive waste and effluent processing		27.08.96	31.08.96	
161	CHINON A3 D 37420 Avoine	EDF	Radioactive substances disposal or depot		27.08.96	31.08.96	Former reactor shutdown on 17.03.93 Modification: decree of 25.11.05 O.G. of 02.12.05
162	MONTS D'ARRÉE EL4 D Brennilis 29218 Huelgoat	EDF	Radioactive substances disposal or depot		31.10.96	08.11.96	Former reactor shutdown on 31.07.85 Change in licensee: decree of 19.09.00 O.G. of 26.09.00 Modification: decree of 12.01.04 O.G. of 13.01.04

LIST OF BASIC NUCLEAR INSTALLATIONS* (continuation)

No in the list	NAME AND LOCATION OF THE INSTALLATION	Licensee	Type of installation	Declared on:	Authorised on:	Official Gazette (O.G.) of:	OBSERVATIONS
163	ARDENNES NUCLEAR POWER PLANT CNA-D 08600 Givet	EDF	Radioactive substances disposal or depot		19.03.99	21.03.99	Former reactor shutdown on 17.03.93 Modification: decree of 27.10.04 O.G. of 28.10.04
164	CEDRA (Cadarache) 13115 Saint-Paul-lez-Durance Cedex	CEA	Packaging and interim storage of radioactive substances		04.10.04	05.10.04	

- * The missing numbers correspond to facilities which were included in previous editions of the list but which are no longer basic nuclear installations or which have changed categories (new basic nuclear installation).
The declared BNIs are those which existed prior to publication of decree n° 63-1228 of 11 December 1963 concerning nuclear installations and for which said decree did not require authorisation but simply notification to the Minister in charge of Atomic Energy.
As of 31.12.05 there are 125 installations with BNI status.

ACRONYMS AND ABBREVIATIONS

ACC	hulls and end-pieces compaction facility (COGEMA - La Hague)
ACO	Orsay collider ring (LURE - CNRS - Orsay)
ACR	Resins conditioning facility (COGEMA - La Hague)
ACRO	Association pour le contrôle de la radioactivité dans l'ouest (Association for the Control of Radioactivity in the West)
ADNR	European Agreement concerning International Carriage of Dangerous Goods on the Rhine
ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road
AERB	Indian nuclear safety authority
AFCEN	<i>Association française pour les règles de conception et de construction des matériels des chaudières électronucléaires</i> (French Association for NSSS Equipment Construction Rules)
AFCN	<i>Agence fédérale de contrôle nucléaire</i> (Belgian Federal Nuclear Supervision Agency)
AFSSA	<i>Agence française de sécurité sanitaire des aliments</i> (French Food Product Safety Agency)
AFSSAPS	<i>Agence française de sécurité sanitaire des produits de santé</i> (French Health Product Safety Agency)
AFSSE	<i>Agence française de sécurité sanitaire environnementale</i> (French Environmental Health Safety Agency - became the AFSSET in September 2005)
AFSSET	<i>Agence française de sécurité sanitaire de l'environnement et du travail</i> (French Environmental and Labour Health Safety Agency (since September 2005)
AGATE	Effluent advanced management and processing facility (CEA project - Cadarache)
ALARA	As Low As Reasonably Achievable
ALCADE	Nuclear fuel management method (EDF)
ALS	Saclay linear accelerator (CEA)
AMI	Irradiated materials facility (EDF - Chinon)
ANAES	<i>Agence nationale d'accréditation et d'évaluation des soins</i> (French National Agency for Health Care Accreditation and Assessment)
ANCLI	<i>Association nationale des commissions locales d'information</i> (National CLI Association)
ANDRA	<i>Agence nationale pour la gestion des déchets radioactifs</i> (French National Agency for Radioactive Waste Management)

ANSTO	Australian Nuclear Science and Technology Organisation
APE	State-based approach
APEC	Fuel evacuation facility (EDF - Creys-Malville - Isère)
AP-HP	<i>Assistance Publique - Hôpitaux de Paris</i> (Public Health Service - Paris Hospitals)
AQG	Atomic Questions Group (European Union)
ARE	Steam generator feedwater system (PWR)
AREVA	Industrial group active in the nuclear fuel cycle and construction of nuclear installations
ARPE	Water intake and discharge licence (for BNIs)
ASG	Steam generator emergency feedwater system (PWR)
ASN	French nuclear safety authority
ASR	Refuelling outage
ASSET	Assessment of Safety Significant Events Team (IAEA expertise)
ATALANTE	Alpha facility and laboratory for transuranian elements analysis and reprocessing studies (CEA - Marcoule)
ATENA	Former contaminated sodium waste processing installation project (CEA)
ATPu	Plutonium technology facility (COGEMA - Cadarache)
AT1	Former pilot reprocessing plant for spent fuel from fast neutron reactors (CEA - La Hague)
ATUE	Enriched uranium processing facility(CEA - Cadarache)
AVN	<i>Association Vinçotte nucléaire</i> (technical support organisation for the Belgian Nuclear Safety Authority and approved organisation for supervision of nuclear installations in this country)
AZF	Former name of the company operating the fertiliser plant destroyed in the 21 September 2001 accident in Toulouse
BAC	Packaging auxiliaries building
BAG	Glovebox
BAM	German Federal Institute for Materials Research and Testing
BAN	Nuclear auxiliaries building
BASIAS	French former industrial sites and department activity database
BASOL	French database of polluted sites and soils requiring action by the public authorities

BCCN	<i>Bureau de contrôle des chaudières nucléaires</i> (French NSSS Control Office - ASN)
BCI	Spent fuel building
BCOT	Tricastin operational hot unit
BECQUEREL	Name of a nuclear exercise held in 1996 in Saclay - unit of activity
BEIR	Biological Effects of Ionizing Radiation (United States Academy of Science Committees)
BMU	German Ministry for the Environment and Nuclear Safety
BNFL	British Nuclear Fuels Limited
BNI	Basic Nuclear Installation
BNIS	Classified basic nuclear installation
BO	Official bulletin
Bq	Becquerel (unit of radioactivity)
BRGM	<i>Bureau de recherches géologiques et minières</i> (Geological and Mining Research Office)
BTE	Effluent treatment building
BWR	Boiling Water Reactor
CABRI	research reactor (CEA - Cadarache)
CADA	<i>Commission d'accès aux documents administratifs</i> (Administrative Documents Access Commission)
CAPE	<i>Centre d'appui au parc en exploitation</i> (Operating Plant Support Centre - EDF/DPN)
CAPRA	increased consumption of plutonium in fast neutron reactors (Plutonium Burnup Research Programme - CEA)
CASCAD	Cadarache bunker research reactor spent fuel storage facility (CEA)
CCAP	<i>Commission centrale des appareils à pression</i> (French Central Committee for Pressure Vessels)
CCS	component cooling system (PWR)
CCSN	Canadian Nuclear Safety Commission (CNSC)
CDE	Final shutdown
CDH	<i>Conseil départemental d'hygiène</i> (Departmental Health Council) "CE marking": mandatory, regulatory marking for certain products in the European Union, guaranteeing product conformity with the "essential requirements" defined by a European directive
CEA	<i>Commissariat à l'énergie atomique</i> (French Atomic Energy Agency)

CEDRA	Radioactive waste packaging and interim storage unit (CEA - Cadarache)
CEIDRE	Construction and Operation Appraisal and Inspection Centre (EDF)
CELIMENE	Former unit used to examine EL3 reactor fuel (CEA - Saclay)
CENAL	National Alarm Centre (division of the Swiss federal population protection office: the Confederation's technical organisation for unusual events such as a rise in radioactivity or various other technological accidents)
CENTRACO	Low-level waste processing and packaging centre (CEA - Marcoule)
CEPN	<i>Centre d'études sur l'évaluation de la protection dans le domaine nucléaire</i> (Study Centre for Nuclear Protection Assessment)
CERCA	<i>Compagnie pour l'étude et la réalisation des combustibles atomiques</i> (Company for the Design and Fabrication of Atomic Fuel)
CERN	European organization for nuclear research
CETEN-APAVE	<i>Centre technique national et international des associations de propriétaires d'appareils à vapeur et électriques</i> (National and International Technical Centre of Associations of Owners of Electric Equipment and Pressure Vessels)
CFCa	Cadarache fabrication complex (COGEMA - MOX facility)
CFU	Colony forming unit (CFU per litre is the unit used to measure the concentration of legionella)
CHICADE	Chemistry, waste characterization (CEA Cadarache)
CHU	University hospital, (treatment, education and research)
CHUV	Vaudois region university hospital (Lausanne)
CICNR	<i>Comité interministériel aux crises nucléaires ou radiologiques</i> (French Interministerial Committee for Nuclear or Radiological Emergencies - since 2003)
CIDEN	<i>Centre d'ingénierie déconstruction environnement</i> (Engineering Centre for Dismantling and Related Environmental Issues - EDF)
CIGEET	<i>Commission d'information auprès des grands équipements énergétiques du Tricastin</i> (Tricastin major energy facility information committee - name of the CLI on the Tricastin site)
CIINB	<i>Commission interministérielle des installations nucléaires de base</i> (Interministerial Commission for Basic Nuclear Installations)
CIPN	<i>Centre d'ingénierie du parc nucléaire</i> (Engineering Centre for Operating Plants)
CIREA	<i>Commission interministérielle des radioéléments artificiels</i> (French Interministerial Commission for Artificial Radioelements) (activities taken over by the ASN in 2002)
CIRIL	<i>Centre interdisciplinaire de recherche ions lasers</i> (Interdisciplinary ion laser research centre - CNRS & CEA - Caen)

CIS-Bio International	Company specialising in biomedical technologies, especially radiopharmaceuticals
CISN	<i>Comité interministériel de la sécurité nucléaire</i> (French Interministerial Committee for Nuclear Security - replaced by the CICNR in 2003)
CITMD	<i>Commission interministérielle du transport des matières dangereuses</i> (French Interministerial Commission for the Carriage of Dangerous Goods)
CLE	<i>Commission locale d'environnement</i> (Local environment committee - name of the CLI at the FBFC plant in Romans/s/Isère)
CLI	<i>Commission locale d'information</i> (Local Information Committee)
CLIO	Free electron laser (LURE - CNRS - Orsay)
CLIS	<i>Comité local d'information et de suivi</i> (Local Committee for Information and Follow-up - name of the CLI for underground laboratories)
CLS	<i>Commission locale de surveillance</i> (Local Surveillance Committee - name of the CLI at the Fessenheim plant)
CMIR	Mobile radiological intervention unit
CMS	Maximum design flood level (flood protection)
CNA	<i>Centrale nucléaire des Ardennes</i> (Ardennes first French PWR - Chooz A reactor - EDF)
CNA-D	Equipment storage facility during decommissioning of the Chooz A reactor (EDF - Chooz)
CNDP	<i>Commission nationale du débat public</i> (French National Public Debates Commission)
CNEN	<i>Centre national d'équipement nucléaire</i> (National Centre for Nuclear Equipment - EDF)
CNEPE	<i>Centre national d'équipement de production électrique</i> (National Electricity Generating Equipment Centre - EDF)
CNPE	<i>Centre nucléaire de production d'électricité</i> (Nuclear Power Generation Site - EDF)
CNRA	Committee on Nuclear Regulatory Activities (NEA)
CNRS	<i>Centre national de la recherche scientifique</i> (French National Centre for Scientific Research)
CNS	Council for Nuclear Safety (South African Nuclear Safety Authority until 1999)
Codex alimentarius	Collection of food health safety and consumer protection standards produced by a commission set up by the FAO and the WHO
CODIR-PA	Steering committee for managing the post-accident phase of a nuclear accident or radiological emergency situation

COFRAC	<i>Comité français d'accréditation</i> (French Accreditation Committee)
COFREND	<i>Confédération française pour les essais non destructifs</i> (French Non-Destructive Testing Confederation)
COGEMA	<i>Compagnie générale des matières nucléaires</i> (Nuclear Materials Company, AREVA group)
COGEMA LOGISTICS	Nuclear materials packaging and transport company (COGEMA subsidiary)
COGIC	<i>Centre opérationnel de gestion interministérielle des crises</i> (French Interministerial Emergency Management Operational Centre)
COMURHEX	<i>Société pour la conversion de l'uranium en métal et en hexafluorure</i> (Company for the conversion of uranium into metal and hexafluoride)
CONCERT	Concertation on European Regulatory Tasks (grouping of the nuclear safety authorities from eastern and western European countries)
Contrôle	Magazine published by the ASN
CO₂	carbon dioxide
CPA	Special authorisation conditions - radiation sources
CPE	Special utilisation conditions - radiation sources
CPP	Main primary system (PWR)
CPY	Second series of 900 MWe PWRs (EDF)
CP0	First series of 900 MWe PWRs (EDF)
CP1	1st subdivision of the CPY series
CP2	2nd subdivision of the CPY series
CRIIRAD	<i>Commission de recherche et d'information indépendantes sur la radioactivité</i> (Committee for Independent Research and Information on Radioactivity)
CRPPH	Committee on Radiation Protection and Public Health (NEA)
CSA	Aube waste repository (ANDRA)
CSD-C	Standard compacted waste package
CSHPF	<i>Conseil supérieur d'hygiène publique de France</i> (French High Public Health Council)
CSNI	Committee on the Safety of Nuclear Installations (NEA)
CSN	Spanish Nuclear Safety Authority
CSP	- Main secondary system (PWR) - Public Health Code

CSPI	<i>Commission spéciale et permanente d'information près l'établissement COGEMA de La Hague</i> (Special and Permanent Information Committee for the COGEMA La Hague facility - name of the La Hague CLI)
CSS	– Commission on Safety Standards (IAEA) – Containment spray system (PWR)
CSSIN	<i>Conseil supérieur de la sûreté et de l'information nucléaires</i> (French High Council for Nuclear Safety and Information)
CSTB	<i>Centre scientifique et technique du bâtiment</i> (Building Industry Scientific and Technical Centre)
CSTFA	Morvilliers VLL waste repository (ANDRA)
CT	Labour Code
CTC	Technical Emergency Centre
CYCLADES	Nuclear fuel management method (EDF)
DAC	Authorisation decree (BNI procedure)
DANS	Director delegate for nuclear safety activities at Saclay (CEA)
DAPE	Operation extension approval dossier
DARPE	Effluent discharge and water intake licence application (for BNIs)
DARPMI	<i>Direction de l'action régionale et de la petite et moyenne industrie</i> (Directorate for Regional Action and Small and Medium-sized Enterprises - French Ministry of the Economy, Finance and Industry - until 2005)
DARQSI	<i>Direction de l'action régionale, de la qualité et de la sécurité industrielle</i> (Directorate for Regional Action, Quality and Industrial Safety - French Ministry of the Economy, Finance and Industry - since 2005)
DDAC	Community law adaptations bill
DDASS	<i>Direction départementale des affaires sanitaires et sociales</i> (Departmental Health and Social Action Directorate)
DDSC	<i>Direction de la défense et de la sécurité civiles</i> (Directorate for Civil Security and Defence - French Ministry of the Interior)
DDTEFP	<i>Direction départementale du travail, de l'emploi et de la formation professionnelle</i> (Departmental Labour, Employment and Professional Training Directorate)
DEM	Decommissioning
DFD	Franco-German Steering Committee for Nuclear Safety Issues
DFK	Franco-German Committee for Nuclear Plant Safety Issues
DGAC	<i>Direction générale de l'aviation civile</i> (General Directorate for Civil Aviation - French Ministry for Transport)

DGCCRF	<i>Direction générale de la concurrence, de la consommation et de la répression des fraudes</i> (General Directorate for Competition Policy, Consumer Affairs and Fraud Control - French Ministry of the Economy, Finance and Industry)
DGEMP	<i>Direction générale de l'énergie et des matières premières</i> (General Directorate for Energy and Raw Materials - French Ministry of the Economy, Finance and Industry)
DGS	<i>Direction générale de la santé</i> (General Directorate for Health - French Ministry for Health)
DGSNR	<i>Direction générale de la sûreté nucléaire et de la radioprotection</i> (General Directorate for Nuclear Safety and Radiation Protection - ASN central structure)
DG/TREN	Directorate General for Energy and Transport (European Commission)
DHOS	<i>Direction de l'hospitalisation et de l'organisation des soins</i> (Directorate for Hospitalisation and Health Care Organisation - French Ministry for Health)
DIDEME	<i>Direction de la demande et des marchés énergétiques</i> (Directorate for Energy Demand and Energy Markets - French Ministry of the Economy, Finance and Industry)
DIN	– <i>Division ingénierie nucléaire</i> (Nuclear Engineering Division - EDF) – <i>Division des installations nucléaires</i> (Nuclear Installation Department - replaced by the DSNR in 2002)
DNA	deoxyribonucleic acid
DOE	Department of Energy (United States)
DPMA	<i>Direction du personnel, de la modernisation et de l'administration</i> (Personnel, Modernisation and Administration Directorate - French Ministry of the Economy, Finance and Industry)
DPN	<i>Division production nucléaire</i> (Nuclear Generating Division - EDF)
DPPR	<i>Direction de la prévention des pollutions et des risques</i> (Directorate for the Prevention of Pollution and Risks - Ministry for Ecology and Sustainable Development)
DRASS	<i>Direction régionale des affaires sanitaires et sociales</i> (Regional Health and Social Action Directorate)
DRIRE	<i>Direction régionale de l'industrie, de la recherche et de l'environnement</i> (Regional Directorate for Industry, Research and the Environment)
DRL	diagnostic reference level
DRT	<i>Direction des relations du travail</i> (Directorate for Labour Relations - French Ministry for Employment, Social Cohesion and Housing)
DRTEFP	<i>Direction régionale du travail, de l'emploi et de la formation professionnelle</i> (Regional Labour, Employment and Professional Training Directorate - French Ministry for Employment, Social Cohesion and Housing)
DRYPAC	sludge drying process

DSIN	<i>Direction de la sûreté des installations nucléaires</i> (Nuclear Installation Safety Directorate - replaced by the DGSNR in 2002)
DSN	<i>Division principale de la sécurité des installations nucléaires</i> (Main Nuclear Installations Safety Division - Swiss Nuclear Safety Authority)
DSND	<i>Délégué à la sûreté nucléaire et à la radioprotection pour les activités et installations intéressant la défense</i> (Delegate for Nuclear Safety and Radiation Protection for National Defence Installations and Activities - French Ministries of Defence and of the Industry)
DSNR	<i>Division de la sûreté nucléaire et de la radioprotection</i> (Nuclear Safety and Radiation Protection Division - ASN regional entity)
DSS	<i>Direction de la sécurité sociale</i> (Directorate for Social Security - French Ministry for Health)
DTPA	diethylene-triamine-penta-acetate (substance used in nuclear medicine)
DUP	<i>Déclaration d'utilité publique</i> (declaration of public interest procedure)
EAN	European Alara Network (the aim of which is to promote implementation of the ALARA principle)
EBRD	European Bank for Reconstruction and Development
EC	European Community
ECUME	former spent fuel and radioactive solid waste interim storage facility project (CEA)
EDE	containment annulus ventilation system (PWR)
EDF	<i>Électricité De France</i>
EDS	Solid waste interim storage area
EEC	European Economic Community
EGRA	Expert Group on Regulatory Authorisation (sub-group of the NEA's CRPPH)
EIS	element important for safety
ELAN II B	Former sealed source fabrication installation (CEA - La Hague)
EL3	heavy water reactor No. 3 (former experimental reactor - CEA - Saclay)
EL4	heavy water reactor No. 4 (former Monts d'Arrée nuclear power plant - EDF - Brennilis)
EL4-D	equipment interim storage installation for decommissioning of the Monts d'Arrée nuclear power plant
ENT	Ear Nose and Throat
EOLE	research reactor (CEA - Cadarache)

E.ON	electricity and gas production and distribution company (Germany, various countries in Europe and the United States)
EPA	Environmental Protection Agency (United States)
EPN	Nuclear Capacity Operation Department (EDF)
EPR	European Pressurized Water Reactor (new type of nuclear reactor developed by FRA-MATOME-ANP)
EPRD	Revenue and spending forecast (public establishment “budget”)
ERNET	Emergency Response Network
ERP	Establishment open to the public
ESP	Pressure vessel
ESS	Event significant for safety
ESWS	Essential service water system (PWR)
EU	European Union
EURATOM	European AtoMic Energy Community
EUROFAB	Fabrication in Europe (experimental programme to produce MOX fuel from military plutonium under the terms of the American-Russian agreement to reduce plutonium stocks)
EURODIF	European gaseous diffusion enrichment plant
FAIOp	Operator fire action sheet
FAO	Food and Agriculture Organization (UN)
FBFC	<i>Société franco-belge de fabrication de combustibles</i> (Franco-Belgian Fuel Fabrication Company)
FBR	Fast breeder reactor
FDG	fluorodeoxyglucose (substance used in nuclear medicine)
FMEA	Failure Modes and Effects Analysis
FP	fission products
FRAMATOME	French NSSS builder (AREVA Group)
FRAMATOME-ANP	Framatome - Advanced Nuclear Power (company set up by AREVA and SIEMENS to develop the new EPR reactor type)
FRAREG	Framatome Regulators (Association of nuclear safety authorities in countries operating power plants of French design)
GALICE	nuclear fuel management method (EDF)

GAN	Russian nuclear safety authority
GANIL	Large National Heavy Ion Accelerator (Caen)
GB I	Georges Besse Plant I - EURODIF
GB II	Georges Besse Plant II - planned
GBq	gigaBecquerel (thousand million Becquerels)
GEMMES	nuclear fuel management method (EDF)
Génération IV	International “Forum” of ten countries and the European Union to develop future nuclear reactors, known as 4th generation (GEN IV)
GEP	Pluralistic experts group
GIAG	<i>Guide d'intervention en accident grave</i> (serious accident action guide)
GP	Advisory Committee (reporting to the ASN)
GV	Steam generator
Gy	gray (unit of absorbed dose)
G7	Group of the 7 leading industrial nations (Canada, France, Germany, Italy, Japan, United Kingdom and United States)
G8	Group of the 8 leading industrial nations (G7 + Russia)
HAO	oxide high activity facility (COGEMA - La Hague)
HARMONIE	former fast neutron source reactor (CEA - Cadarache)
HAS	<i>Haute Autorité de santé</i> (French High Health Authority - since 2005)
HLLLW	High level long-lived waste
HFD	<i>Haut Fonctionnaire de défense</i> (Defence High Official) (at each French ministry)
HSE	Health and Safety Executive (United Kingdom)
HSK	Main Nuclear Installations Safety Division - DSN (Swiss Nuclear Safety Authority)
HTR	High Temperature Reactor
Hydrotéléray	network for continuous measurement of radioactivity in major rivers (IRSN)
IAEA	International Atomic Energy Agency (UN)
IARC	International Agency for Research on Cancer (part of the WHO and located in Lyons)
ICAO	International Civil Aviation Organisation

ICCRB	International Consultative Committee of Regulatory Bodies (group comprising representatives from the Regulatory authorities of Canada, Finland, France, Germany, Italy, Spain, Switzerland, United Kingdom and United States for the purpose of advising the Ukrainian Nuclear Safety Authority with respect to the Chernobyl site)
ICPE	installation classified on environmental protection grounds (owing to its potential impact on the public and the environment, installation subject to the regulations defined in part I of book V of the French Environment Code)
ICRP	International Commission on Radiological Protection
IDSP	weighted scanner dose index
IEC	International Electrotechnical Commission
IFSI	<i>Institut de formation en soins infirmiers</i> (Nursing Training Institute)
ILE	ITER Legal Entity (international body to be created to operate ITER)
ILL	Institut Laue-Langevin (Laue-Langevin Institute - Grenoble)
IMDG	International Maritime Code for Dangerous Goods
IN	Nuclear Inspectorate (EDF)
INERIS	<i>Institut national de l'environnement industriel et des risques</i> (French National Institute for the Study of Industrial Environments and Risks)
INES	International Nuclear Event Scale
INEX	International Nuclear Emergency Exercise (in particular carried out by the NEA)
INRA	– International Nuclear Regulators' Association (comprising the regulators from Canada, France, Germany, Japan, Spain, Sweden, United Kingdom and the United States) – <i>Institut national de recherche agronomique</i> (French National Agronomy Research Institute)
INSAG	International Nuclear Safety Advisory Group (IAEA)
INSERM	<i>Institut national de la santé et de la recherche médicale</i> (French National Health and Medical Research Institute)
INSTN	<i>Institut national des sciences et techniques nucléaires</i> (French National Institute for Nuclear Science and Techniques - CEA)
InVS	<i>Institut de veille sanitaire</i> (French Health Watch Institute)
IPN	<i>Institut de physique nucléaire</i> (Nuclear Physics Institute - Orsay)
IPSN	<i>Institut de protection et de sûreté nucléaire</i> (Institute for Nuclear Safety and Protection - replaced by the IRSN in 2002)
IRCA	Cadarache irradiator (CEA)
MRI	magnetic resonance imaging

IRPA	International Radiation Protection Association
IRRT	International Regulatory Review Team (organised by the IAEA to audit a safety authority) see PROSPER
IRSN	<i>Institut de radioprotection et de sûreté nucléaire</i> (French Institute for Radiation Protection and Nuclear Safety - since 2002)
ISIS	research reactor (CEA - Saclay)
IS Ouest	<i>Institut de Soudure Ouest</i>
ISO	International Standard Organisation
ISOE	Information System on Occupational Exposure (OCDE)
ISR	safety and radiation protection engineer (EDF)
ITER	International Thermonuclear Experimental Reactor (to be installed in Cadarache)
JAA	Joint Aviation Authorities (Association of the national civil aviation authorities of the European countries, attached to the European Civil Aviation Conference. It sets guidelines for civil aviation certification, operations, maintenance and licensing)
JAR	Joint Aviation Requirements (rules drafted by the JAA)
JAR-OPS	Rules drafted by the JAA concerning aircraft operations
JFR	French radiology days) (conferences organised annually by the SFR)
JNES	Japan Nuclear Energy Safety Organisation (technical support organisation for the Japanese Nuclear Safety Authority)
JO	French Official Gazette
KEY	experimental sealing of drifts by pouring an “anchoring key” (ANDRA - Bure)
K€	kiloeuros (thousand euros) cf Meuros
kW	kiloWatt
KEPCO	Kansai Electric Power Company (Japanese electricity production utility)
KER	Nuclear Island Liquid Effluent Monitoring and Discharge System (PWR)
KINS	Korean Institute of Nuclear Safety (technical support organisation for the South Korean Nuclear Safety Authority)
KKU	Unterweser nuclear power plant (Germany)
K1	equipment qualification category (PWR)
LAMA	Active Materials Analysis Laboratory (CEA Grenoble)
LCC	Central Product Quality Control Laboratory (COGEMA La Hague)

LCPu	Plutonium Chemistry Laboratory (CEA - Fontenay-aux-Roses)
LDAC	Fuel Assembly Shearing Laboratory (CEA - Cadarache)
LECA	Active Fuel Examination Laboratory (CEA - Cadarache)
LECI	Spent Fuel Testing Laboratory (CEA - Saclay)
LEFCA	Laboratory for research and experimental fabrication of advanced nuclear fuels (CEA - Cadarache)
LEP	Large Electron Positron Collider (CERN - Geneva)
LHA	High Activity Laboratory (CEA - Saclay)
LHC	Large Hadron Collider (CERN - Geneva)
LILW	low and intermediate level waste (LL - IL waste)
LLW-LL	low level long-lived waste (LL - LL waste)
LOLF	French constitutional bylaw on budget acts
LPC	Chemical Purification Laboratory (COGEMA - Cadarache)
LUDD	Laboratories, Plants, Waste and Dismantling
LURE	Electromagnetic Radiation Laboratory (CNRS - Orsay)
MAD	decommissioning
MAGENTA	cellular nuclear materials storage facility project (CEA)
MAGNUC	nuclear viewdata magazine (replaced by the ASN website, with publication halted in 2006)
MAPu	medium level Plutonium (MAPu facility: COGEMA - La Hague)
MARN	<i>Mission d'appui à la gestion du risque nucléaire</i> (Nuclear Risk Management Aid Committee - French Ministry of the Interior/DDSC)
MAS alpha	special intermediate level alpha effluent
MASURCA	Cadarache fast-breeder mockup (research reactor - CEA - Cadarache)
MAU	medium level uranium activity (MAU facility: COGEMA - La Hague)
MBq	megaBecquerel (million Becquerels)
MCMF	central fissile material warehouse (CEA - Cadarache)
MDB	<i>Mission déléguée de bassin</i> (River authority)
MDS	organic solvent mineralisation facility (COGEMA - La Hague)
M€	mégaeuros (million euros)

MELOX	MOX fuel fabrication plant (Marcoule)
MELUSINE	research reactor (CEA - Grenoble)
MEM	Moroccan Ministry for Energy and Mines
METI	Japanese Ministry of Economy, Trade and Industry
MIBI	2-methoxy isobutyl isonitrile (substance used in nuclear medicine)
MIMAUSA	History and impact of uranium mines: Summary and Archive - Programme for an inventory of uranium mining sites
MINEFI	French Ministry of the Economy, Finance and Industry
MINERVE	research reactor (CEA - Cadarache)
MIR	inter-regional fuel stores (EDF Guey and Chinon)
MMS	– mobile emergency equipment – Main Steam System (PWR)
MOST	Ministry of Science and Technology (South Korean Nuclear Safety Authority)
MOX	mixed uranium and plutonium oxide fuel
mSv	millisievert (thousandth of a sievert)
MWe	megawatt electrical (unit of electrical power)
NATURA 2000	All the natural sites protected by various European directives concerning birdlife and “natural habitats”
NEA	Nuclear Energy Agency (OECD)
NERSA	<i>“centrale nucléaire européenne à neutrons rapides SA”</i> company (former operator of Superphénix)
NF	– Naegleria Fowleri (species of amoeba) – French standard
nGy	nanogray (thousand millionth of a gray)
NII	Nuclear Installations Inspectorate (HSE - United Kingdom)
NISA	Nuclear Industrial Safety Agency (METI - Japan)
NNEMA	National Nuclear Emergency Management Administration (China)
NNR	South African Nuclear Safety Authority (since 1999)
NNSA	Chinese Nuclear Safety Authority
NORM	Naturally Occurring Radioactive Materials
NOx	nitrogen oxides

NPH	spent fuel element unloading and interim storage facility (plant UP2 800 - COGEMA - La Hague)
NRBC	Nuclear, Radiological, Biological, Chemical (NRBC hazard)
NRC	American Nuclear Safety Authority
NRPB	National Radiological Protection Board (United Kingdom - in April 2005 incorporated into the "Health Protection Agency")
NRR	Nuclear Reactor Regulation (NRC office in charge of reactor safety)
NSC	Japanese Nuclear Safety Authority
NSD	United Kingdom Nuclear Safety Authority
NSSG	Nuclear Safety and Security Group (G8)
nSv	nanosievert (thousand millionth of a sievert)
NSWG	Nuclear Safety Working Group (G7)
NUPEC	Technical expertising organisation of the NISA (METI - Japan)
NUSSC	Nuclear Safety Standards Committee (IAEA)
NuPEER	Nuclear Pressure Equipment Expertise & Regulation (nuclear pressure vessel symposium)
N4	1450 MWe nuclear reactor series (EDF)
OA	approved organisation for supervision
OASIS	name of the ASN intranet
OECD	Organization for Economic Cooperation and Development
OHF	organisational and human factors
OMF	reliability centred maintenance
OPECST	<i>Office parlementaire d'évaluation des choix scientifiques et technologiques</i> (French Parliamentary Office for the Assessment of Scientific and Technological Options)
OPRI	<i>Office de protection contre les rayonnements ionisants</i> (Office for Protection Against Ionising Radiation - until 2002)
OPS	see JAR-OPS
ORCADE	Project set up by COGEMA for decommissioning of the La Hague installations
ORPHEE	research reactor (CEA - Saclay)
ORSEC	general plan organising the emergency services at departmental, defense zone, or maritime prefecture level, should a disaster be declared by the State

OSART	Operational Safety Review Team (IAEA)
OSIRIS	research reactor (CEA - Saclay)
OSPAR	Convention for the Protection of the Marine Environment of the North-East Atlantic (signed in 1992 and combining and updating the Oslo 1972 and Paris 1974 conventions)
PAI	fire-fighting action plan
PAP	annual performance plan (within the framework of the LOLF - document appended to the finance bill and for a given programme, presenting in particular the objectives and the expected results of the various programme actions)
PAREX	post-accident experience feedback
PASEPRI	action plan for monitoring patient exposure to ionising radiation
PBMR	Pebble Bed Modular Reactor (reactor project - South Africa)
PC	command post
PCC	command and control post (evaluation of consequences and measures)
PCD	strategic management command post
PCL	local command post (installation operation)
PCM	logistic management command post)
PCR	person with competence for radiation protection
PEGASE	spent fuel and radioactive substances interim storage installation (CEA - Cadarache)
PET	Positron Emission Tomography (see TEP)
PETSCAN	PET camera coupled with a scanner
PHARE	Poland and Hungary Assistance for Reconstruction of Economy (European Union programme for aid to the countries of central and eastern Europe)
PHEBUS	research reactor (CEA – Cadarache)
PHENIX	fast neutron reactor (CEA – Marcoule)
PIC	Additional Investigation Programme (EDF)
PIRATOME	defence plan designed to counter the malicious use or threatened malicious use of radioactive or nuclear materials against people, the environment or property
PMSI	Medicalised Programme for Information Systems
PNGDR-MV	National Radioactive Waste and Reusable Materials Management Plan
PNSE	French National Health Environment Plan (to reduce the effects of environmental damage on the health of the population)

PPI	off-site emergency plan (specific plan established by the State to address risks linked to the existence and the functioning of specific installations or facilities)
PRECIS	Programme for recovery of spent fuel elements stored in fuel assembly block
PRER	<i>Pôle de radioprotection environnement et risques</i> (Radiation Protection, Environment and Risks Centre)
PRI	integrated radiological protection
Procédé	name of BNI 165 project (CEA - Fontenay-aux-Roses)
PROSPER	Peer Review of Operational Safety Performance Experience (organised by the IAEA)
PSA	probabilistic safety study
PSI	Irradiation Monitoring Programme (PWR)
PSR	preliminary safety report (BNI procedure)
PSRPM	medical radiophysics specialist
PSS	specialised emergency plan
PSS-TMR	specialised emergency plan for the transport of radioactive materials
PTB	low operating range (PWR)
PTD	technical documentation series
PTR	reactor cavity and spent fuel pit cooling and treatment system (PRW)
PUI	on-site emergency plan (established by a BNI licensee to manage a possible emergency situation)
PuO₂	plutonium oxide
P4	first series of 1300 MWe nuclear reactors (EDF)
P'4	second series of 1300 MWe nuclear reactors (EDF)
RADWASS	Radioactive Waste Safety Standards (IAEA)
RAMG	Regulatory Assistance Management Group (group set up by the European Commission to advise it on technical assistance requests from the nuclear regulators of Eastern European states)
RAPSODIE	former fast neutron experimental reactor (CEA - Cadarache)
RASSC	Radiation Safety Standards Committee (IAEA)
RaSSIA	Radiation Safety and Security Infrastructure Appraisal (IAEA)
RBE	Relative Biological Effectiveness
RCC	design and construction rules

RCC-E	RCC for electrical equipment
RCC-G	RCC for civil engineering
RCC-M	RCC for mechanical equipment
RCD	waste recovery and packaging
RCV	chemical and volume control system (PWR)
PWR	Pressurised Water Reactor
RESERVOIR	aqueous radioactive effluent storage installation (CEA - Saclay)
REX	experiencefeedback
RFS	basic safety rule
RGE	general operating rules
RHF	high flux reactor (Institut Laue-Langevin - Grenoble)
RIA	Radio Immunology Assay
RIC	in-core instrumentation system (PWR) - Regulatory Information Conference (annual public conference by the United States Nuclear Safety Authority)
RID	regulations concerning the International Carriage of Dangerous Goods by Rail
RIS	safety injection circuit (PWR)
RIVM	Dutch National Institute for Public Health and the Environment
RJH	Jules Horowitz reactor (irradiation reactor project: CEA - Cadarache)
RM2	former radiometallurgy laboratory No. 2 (CEA - Fontenay-aux-Roses)
RNA	ribonucleic acid
ROTONDE (la)	solid waste management installation project (CEA - Cadarache)
RPII	Radiological Protection Institute of Ireland
RHRS	residual heat removal system (PWR)
RSE-M	rules for in-service monitoring of mechanical equipment
RSN	regulation concerning the safety of ships
RTGV	steam generator tube rupture
RTR	Research and Test Reactors (fuel assemblies known as "aluminides" used in research reactors)
RTV	main steam rupture

RUS	Louis Pasteur University reactor (Strasbourg)
RWMC	Radioactive Waste Management Committee (NEA)
R & D	Research and Development
SCR	Radiation Protection Department
SAFARI	South African nuclear reactor
SAMU	French Emergency Medical Service
SATURNE	former particle accelerator (CEA - Saclay)
SCHAPI	<i>Service central d'hydrométéorologie et d'appui à la prévision des inondations</i> Central Hydrometeorology and Flood Prediction Support Department - French Ministry for Ecology and Sustainable Development / Water Directorate)
SCSIN	<i>Service central de sûreté des installations nucléaires</i> (Central Nuclear Installations Safety Department - replaced by the DSIN in 1991)
SEIVA	Valduc information exchange structure (Association created around the CEA centre at Valduc)
SEK	conventional island liquid waste discharge system (PWR)
SENA	Ardennes Franco-Belgian nuclear energy company (operated the first Chooz plant until 1996)
SEPTEN	Design Department for Thermal and Nuclear Projects (EDF/DIN)
SFBMN	<i>Société française de biophysique et de médecine nucléaire</i> (French Society for Biophysics and Nuclear Medicine)
SFEN	<i>Société française d'énergie nucléaire</i> (French Nuclear Energy Society)
SFMNIM	<i>Société française de médecine nucléaire et d'imagerie moléculaire</i> (French Nuclear Medicine and Molecular Imaging Society)
SFPM	<i>Société française de physique médicale</i> (French Medical Physics Society)
SFR	<i>Société française de radiologie</i> (French Radiological Society)
SFRO	<i>Société française de radiothérapie oncologique</i> (French Oncology Radiotherapy Society)
SFRP	<i>Société française de radioprotection</i> (French Radiation Protection Society)
SGCISN	<i>Secrétariat général du comité interministériel de la sécurité nucléaire</i> (French General Secretariat of the Interministerial Commission for Nuclear Security - until 2003)
SGDN	<i>Secrétariat général de la défense nationale</i> (French General Secretariat for National Defence)
SHFJ	<i>Service hospitalier Frédéric Joliot</i> (CEA hospital service located in Orsay hospital - Essonne)

SICN	<i>Société industrielle de combustible nucléaire</i> (Industrial Nuclear Fuel Company)
SIGIS	Source Inventory Management Information System)
SILOE	CEA research reactor (Grenoble)
SILOETTE	CEA research reactor (Grenoble)
SIRCOM	<i>Service de la communication</i> (Communication Department - Ministry of the Economy, Finance and Industry)
SISE-Habitat	Environment Habitat Health Information System
SISE-RI	Environment-Ionising Radiation Health Information System
SISE-Eau	Environment-Water Health Information System
SITA FD	“ultimate” waste and polluted earth processing and disposal company (SITA Group)
SITOP	SITe Optimisation (SITOP project about organisation change at COGEMA La Hague)
SKI	Swedish Nuclear Safety Authority
SMHV	maximum historically probable earthquake
SNCS	Norman Company for Sterilization
SNM	military nuclear system
SNRCU	Ukrainian Nuclear Safety Authority
SOCATRI	<i>Société auxiliaire du Tricastin</i> (company operating a clean-up and uranium recovery installation at Bollène - Vaucluse)
SOCODEI	Company for industrial effluent and waste treatment
SOMANU	Nuclear Maintenance Company (Maubeuge)
SOx	sulphur oxides
SPF	fission products disposal (SPF facilities - COGEMA - La Hague)
SPIN	in-pile separation and incineration (Actinides Incineration Research Programme - CEA)
SPIRAL	radioactive accelerated ion beam production source (GANIL - Caen)
SPN	<i>Section permanente nucléaire de la CCAP</i> (standing section of the CCAP for nuclear matters)
SPRA	<i>Service de protection radiologique des armées</i> (French Army Radiological Protection Service)
SPS	Super Proton Synchrotron (CERN - Geneva)
SSI	Swedish Radiation Protection Authority

STA	Science and Technology Agency (Japan)
STAR	treatment, cleanup and reconditioning station (CEA - Cadarache)
STD	waste treatment station
STE	– effluent treatment station – technical operating specifications
STED	effluent and waste treatment station
STEDS	radioactive effluent and solid waste treatment station
STEL	liquid effluent treatment station
STELLA	active liquid effluent treatment station project (CEA - Saclay)
STUK	Finnish Nuclear Safety Authority
SÚJB	Czech Nuclear Safety and Radiation Protection Authority
Superphénix	Fast neutron nuclear power plant currently being decommissioned (Creys-Malville - Isère)
Support	Name of BNI 166 project (CEA - Fontenay-aux-Roses)
Sv	sievert (equivalent dose unit and effective dose unit)
TACIS	Technical Assistance to the Commonwealth of Independent States (EU)
TAR	cooling tower
TBq	teraBecquerel (million million Becquerels)
Téléhydro	network for continuous monitoring of waste water radioactivity in major cities (IRSN)
Téléray	ambient radioactivity measurement network (IRSN)
TENORM	Technologically Enhanced Naturally Occurring Radioactive Materials
TEP	primary effluent treatment system (PWR)
PETSCAN	PET camera coupled with a scanner
TER	liquid waste discharge system (PWR)
TID	total indicative dose
TRANSAS	Transport Safety Appraisal Service (IAEA)
TRANSSC	Transport Safety Standards Committee (IAEA)
TU5	fuel cycle installation (COGEMA - Pierrelatte)
TVO	Finnish electricity utility

Ualx	mixture of uranium and aluminium
UF4	uranium tetrafluoride
UF6	uranium hexafluoride
UJD	Slovak Nuclear Safety Authority
UKEA	United Kingdom Environmental Agency (England and Wales)
ULYSSE	“Teaching” reactor (CEA - Saclay)
UN	United Nations
UNGG	former French gas-cooled reactor technology
UNIPE	corporate NPP operational engineering department (EDF)
UNSCEAR	United Nations Scientific Committee on the Effects of Atomic Radiation
UOX	uranium oxide
UP2-400	1st spent fuel reprocessing unit (COGEMA - La Hague)
UP2-800	spent fuel reprocessing unit (COGEMA - La Hague)
UP3	spent fuel reprocessing unit (COGEMA - La Hague)
URE	enriched reprocessing uranium (fuel assemblies)
USSR	Union of Soviet Socialist Republics (until 1991)
UTE	<i>Union technique de l'électricité et de la communication</i> (Technical Union of Electricity and Communication)
UTO	operational technical unit (EDF)
UO2	uranium oxide
UO2(NO3)2	uranyl nitrate
U3O8	uranium oxide (yellowcake)
VATESI	Lithuanian Nuclear Safety Authority
VLLW	Very Low Level Waste
W	fuel cycle plant (COGEMA - Pierrelatte)
WANO	World Association of Nuclear Operators
WASSC	Waste Safety Standards Committee (IAEA)
WATRP	Waste Management Assessment and Technical Review Programme (IAEA)

WENRA	Western European Nuclear Regulators' Association (extended in 2003 to all "nuclear" States that are members of the European Union or currently negotiating membership)
WGIP	Working Group on Inspection Practices (NEA)
WGWD	Working Group on Waste and Decommissioning (WENRA)
WHO	World Health Organization (UN)
WPAQ	Working Party on Atomic Questions (Council of the European Union)

Photos :

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