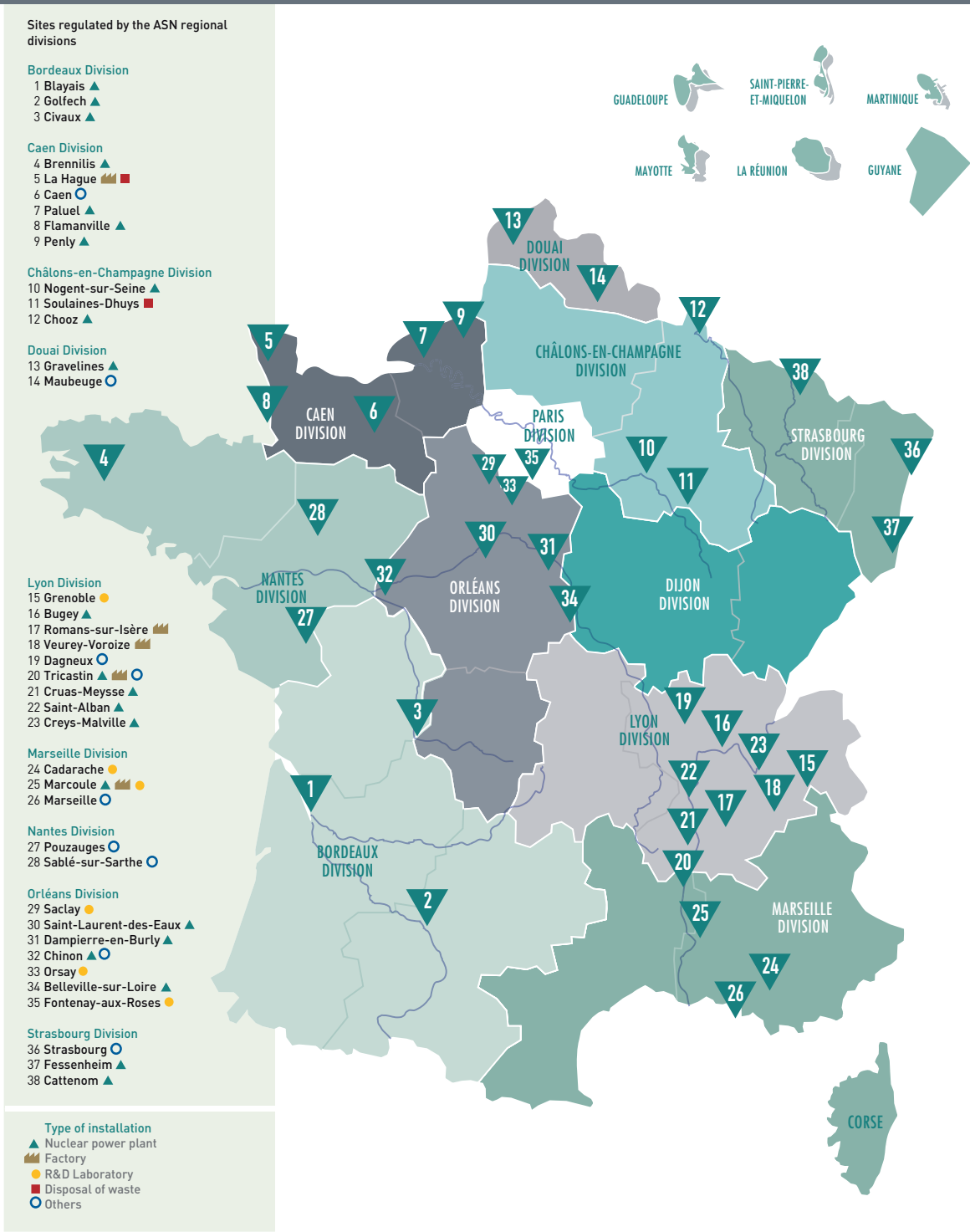


LIST OF BASIC NUCLEAR INSTALLATIONS AS AT 31.12.2009

To regulate all civil nuclear activities and installations in France, ASN has set up a regional organisation based on 11 divisions based in Bordeaux, Caen, Châlons-en-Champagne, Dijon, Douai, Lyon, Marseille, Nantes, Orleans, Paris and Strasbourg.

The Paris division is also responsible for activities in Martinique, Guadeloupe, French Guyana, Reunion, Mayotte and Saint-Pierre et Miquelon. The Caen and Orleans divisions are responsible for BNI regulation in the Brittany and Ile de France regions respectively. This organisation enables ASN to carry out its duties nationwide and in the overseas *départements*<sup>1</sup> and territories.



1. Administrative region headed by a *Préfet*.

## LIST OF BASIC NUCLEAR INSTALLATIONS AS AT 31.12.2009

A basic nuclear installation (BNI) is one that, by its very nature or owing to the quantity or activity of the radioactive materials it contains, is subject to specific regulation arrangements as defined by the TSN Act of 13 June 2006. These installations must be authorised by decree issued following a public inquiry and an ASN opinion. Their design, construction, operation and decommissioning are all regulated.

The following are considered to be BNIs:

1. nuclear reactors;
2. large installations for the preparation, enrichment, fabrication, treatment or storage of nuclear fuels or the treatment, storage or disposal of radioactive waste;
3. large installations containing radioactive or fissile materials;
4. large particle accelerators.

Except for nuclear reactors, which are all BNIs, a decree (see decree 2007-830 of 11 May 2007 concerning the list of basic nuclear installations) sets thresholds for each category determining the point at which they become subject to the BNI system.

For technical or legal reasons, the concept of a basic nuclear installation can reflect a number of different physical situations: for example in a nuclear power plant, each reactor can be considered a separate BNI, or a given BNI can in fact consist of two reactors. Similarly, a fuel cycle plant or a CEA centre can comprise several BNIs. This legal arrangement in no way alters the regulation conditions.

The following are subject to the BNI system:

- installations under construction, provided that they are the subject of a creation authorisation decree;
- installations in operation;
- installations shut down or undergoing decommissioning, until they are delicensed by ASN.

As at 31/12/2009, there were 125 basic nuclear installations (legal entities).

NPP name	Name and location of the installation	Licensee	Type of installation	Declared on:	Authorised on:	O.G. of:	Observations	BNI
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### LOCATION OF INSTALLATIONS REGULATED BY THE BORDEAUX DIVISION

BLAYAIS 1	BLAYAIS NUCLEAR POWER PLANT (reactors 1 and 2) 33820 Saint-Ciers-sur-Gironde	EDF	Reactors		14.06.76	19.06.76		86
BLAYAIS 1	BLAYAIS NUCLEAR POWER PLANT (reactors 3 and 4) 33820 Saint-Ciers-sur-Gironde	EDF	Reactors		05.02.80	14.02.80		110
GOLFECH 2	GOLFECH NUCLEAR POWER PLANT (reactor 1) 82400 Golfech	EDF	Reactors		03.03.83	06.03.83		135
GOLFECH 2	GOLFECH NUCLEAR POWER PLANT (reactor 2) 82400 Golfech	EDF	Reactors		31.07.85	07.08.85		142
CIVAUX 3	Civaux NPP (reactor 1) BP 1 86320 Civaux	EDF	Reactors		06.12.93	12.12.93	Commissioning postponement: decree of 11.06.99 O.G. of 18.06.99	158
CIVAUX 3	Civaux NPP (reactor 2) BP 1 86320 Civaux	EDF	Reactors		06.12.93	12.12.93	Commissioning postponement: decree of 11.06.99 O.G. of 18.06.99	159

NPP name	Name and location of the installation	Licensee	Type of installation	Declared on:	Authorised on:	O.G. of:	Observations	BNI
<b>BRENNILIS</b> 4	MONT'S D'ARRÉE EL4D Brennilis 29218 Huelgoat	EDF	Radioactive materials storage		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. Final shutdown and decommissioning decree of 09.02.2006. O.G. of 12.02.2006 – Cancelled by decision of the Conseil d'État <sup>1</sup> on 6 June 2007	162
<b>LA HAGUE</b> 5	SPENT FUEL REPROCESSING PLANT (UP2) (La Hague) 50107 Cherbourg	AREVA NC	Transformation of radioactive materials	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	33
<b>LA HAGUE</b> 5	EFFLUENT AND SOLID WASTE TREATMENT STATION (STE2) AND SPENT NUCLEAR FUELS REPROCESSING FACILITY (AT1) (La Hague) 50107 Cherbourg	AREVA NC	Transformation of radioactive materials	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	38
<b>LA HAGUE</b> 5	ELAN IIB FACILITY (La Hague) 50107 Cherbourg	AREVA NC	Transformation of radioactive materials		03.11.67	09.11.67	Change in licensee: decree of 09.08.78 O.G. of 19.08.78	47
<b>LA HAGUE</b> 5	NUCLEAR FUELS FABRICATION PLANT 50448 Beaumont-Hague	ANDRA	Disposal of radioactive materials		19.06.69	22.06.69	Change in licensee: decree of 24.03.95. O.G. of 26.03.95 Modification: decree of 10.01.03 O.G. of 11.01.03	66
<b>LA HAGUE</b> 5	HAO (HIGH LEVEL OXIDE) FACILITY (La Hague) 50107 Cherbourg	AREVA NC	Transformation of radioactive materials		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 Final shutdown and decommissioning decree 2009-961 of 31.07.09 (O.G. of 04.08.09)	80
<b>LA HAGUE</b> 5	REPROCESSING PLANT FOR SPENT FUEL ELEMENTS FROM LIGHT WATER REACTORS "UP3 A" (La Hague) 50107 Cherbourg	AREVA NC	Transformation of radioactive materials		12.05.81	16.05.81	Commissioning postponement: decree of 28.03.89. O.G. of 07.04.89. Modification: decrees of 18.01.93 (O.G. of 24.01.93) and 10.01.03 O.G. of 11.01.03) Boundary change: decree of 10.01.03 O.G. of 11.01.03	116
<b>LA HAGUE</b> 5	REPROCESSING PLANT FOR SPENT FUEL ELEMENTS FROM LIGHT WATER REACTORS "UP2 800" (La Hague) 50107 Cherbourg	AREVA NC	Transformation of radioactive materials		12.05.81	16.05.81	Commissioning postponement: decree of 28.03.89 O.G. of 07.04.89 Modifications: decrees of 18.01.93 O.G. of 24.01.93 and 10.01.03 O.G. of 11.01.03 Boundary change: decree of 10.01.03 O.G. of 11.01.03	117

1. France's highest administrative court.

## LIST OF BASIC NUCLEAR INSTALLATIONS (continuation)

NPP name	Name and location of the installation	Licensee	Type of installation	Declared on:	Authorised on:	O.G. of:	Observations	BNI
LA HAGUE 5	LIQUID EFFLUENT AND SOLID WASTE TREATMENT STATION "STE3" (La Hague) 50107 Cherbourg	AREVA NC	Transformation of radioactive materials		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	118
CAEN 6	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)	113
PALUEL 7	PALUEL NUCLEAR POWER PLANT (reactor 1) 76450 Cany-Barville	EDF	Reactor		10.11.78	14.11.78		103
PALUEL 7	PALUEL NUCLEAR POWER PLANT (reactor 2) 76450 Cany-Barville	EDF	Reactor		10.11.78	14.11.78		104
PALUEL 7	PALUEL NUCLEAR POWER PLANT (reactor 3) 76450 Cany-Barville	EDF	Reactor		03.04.81	05.04.81		114
PALUEL 7	PALUEL NUCLEAR POWER PLANT (reactor 4) 76450 Cany-Barville	EDF	Reactor		03.04.81	05.04.81		115
FLAMANVILLE 8	FLAMANVILLE NUCLEAR POWER PLANT (reactor 1) 50830 Flamanville	EDF	Reactor		21.12.79	26.12.79		108
FLAMANVILLE 8	FLAMANVILLE NUCLEAR POWER PLANT (reactor 2) 50830 Flamanville	EDF	Reactor		21.12.79	26.12.79		109
FLAMANVILLE 8	FLAMANVILLE NUCLEAR POWER PLANT (reactor 3 - EPR) 50830 Flamanville	EDF	Reactor		10.04.07	11.04.07	Decree 2007-534 O.G. of 11.04.07	167
PENLY 9	PENLY NUCLEAR POWER PLANT (reactor 1) 76370 Neuville-lès-Dieppe	EDF	Reactor		23.02.83	26.02.83		136
PENLY 9	PENLY NUCLEAR POWER PLANT (reactor 2) 76370 Neuville-lès-Dieppe	EDF	Reactor		09.10.84	13.10.84		140

## LIST OF BASIC NUCLEAR INSTALLATIONS AS AT 31.12.2009

NPP name	Name and location of the installation	Licensee	Type of installation	Declared on:	Authorised on:	O.G. of:	Observations	BNI
<b>LOCATION OF INSTALLATIONS REGULATED BY THE CHÂLONS-EN-CHAMPAGNE DIVISION</b>								
NOGENT-SUR-SEINE 10	NOGENT-SUR-SEINE NUCLEAR POWER PLANT (reactor 1) 10400 Nogent-sur-Seine	EDF	Reactor		28.08.82	30.09.82	Boundary change: decree of 10.12.85 O.G. of 18.12.85	129
NOGENT-SUR-SEINE 10	NOGENT-SUR-SEINE NUCLEAR POWER PLANT (reactor 2) 10400 Nogent-sur-Seine	EDF	Reactor		28.08.82	30.08.82	Boundary change: decree of 10.12.85 O.G. of 18.12.85	129
SOULAINES-DHUYS 11	AUBE WASTE REPOSITORY (CSA) Soulaines-Dhuys 10200 Bar-sur-Aube	ANDRA	Radioactive materials surface repository		04.09.89	06.09.89	Change in licensee: decree of 24.03.95 O.G. of 26.03.95. Modification: decree of 10.08.06 O.G. of 11.08.06	149
CHOOZ 12	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	139
CHOOZ 12	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 11.06.99 O.G. of 18.06.99	144
CHOOZ 12	ARDENNES NUCLEAR POWER PLANT CNA-D 08600 Givet	EDF	Radioactive materials storage		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 Final shutdown and decommissioning decree of 27.09.07 O.G. of 29.09.07	163
<b>LOCATION OF INSTALLATIONS REGULATED BY THE DOUAI DIVISION</b>								
GRAVELINES 13	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	96
GRAVELINES 13	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	97
GRAVELINES 13	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 Modification: decree of 02.11.07 O.G. of 03.11.07	122
MAUBEUGE 14	NUCLEAR MAINTENANCE FACILITY (SOMANU) 59600 Maubeuge	SOMANU	Nuclear maintenance			18.10.85	22.10.85	143

## LIST OF BASIC NUCLEAR INSTALLATIONS (continuation)

NPP name	Name and location of the installation	Licensee	Type of installation	Declared on:	Authorised on:	O.G. of:	Observations	BNI
GRENOBLE 15	MÉLUSINE 38041 Grenoble Cedex	CEA	Reactor	27.05.64			Shutdown on 30.06.88 Modification prior to decommissioning and delicensing: decree of 08.01.04 O.G. of 09.01.04	19
GRENOBLE 15	SILÔÉ 38041 Grenoble Cedex	CEA	Reactor	27.05.64			Shutdown on 23.12.97. Final shutdown and decommissioning decree of 26.01.05 O.G. of 02.02.05	20
GRENOBLE 15	EFFLUENT AND SOLID WASTE TREATMENT STATION 38041 Grenoble Cedex	CEA	Transformation of radioactive materials	27.05.64				36
GRENOBLE 15	ACTIVE MATERIAL ANALYSIS LABORATORY (LAMA) 38041 Grenoble Cedex	CEA	Use of radioactive materials	08.01.68				61
GRENOBLE 15	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	67
GRENOBLE 15	DECAY INTERIM STORAGE FACILITY 38041 Grenoble Cedex	CEA	Radioactive materials storage		20.12.72	01.02.73		79
BUGEY 16	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 Decree 2008-1197 of 18.11.08 O.G. of 20.11.08 authorising completion of the final shutdown operations and the complete decommissioning operations	45
BUGEY 16	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	78
BUGEY 16	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	89
BUGEY 16	BUGEY INTER-REGIONAL 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	102
ROMANS-SUR-ISÈRE 17	FUEL ELEMENTS FABRICATION PLANT 26104 Romans-sur-Isère	FBFC	Fabrication of radioactive materials	09.05.67			Change in licensee: decree of 02.03.78 O.G. of 10.03.78 Modification: decree of 09.08.78 O.G. of 08.09.78	63

NPP name	Name and location of the installation	Licensee	Type of installation	Declared on:	Authorised on:	O.G. of:	Observations	BNI
ROMANS-SUR-ISÈRE 17	NUCLEAR FUELS FABRICATION UNIT 26104 Romans-sur-Isère	FBFC	Fabrication of radioactive materials		02.03.78	10.03.78	Modification: decree of 20.03.06 O.G. of 22.03.06	98
VEUREY-VOROIZE 18	NUCLEAR FUELS FABRICATION PLANT 38113 Veurey-Voroize	SICN	Fabrication of radioactive materials	27.10.67			Final shutdown and decommissioning decree of 15.02.2006 O.G. of 22.02.2006	65
VEUREY-VOROIZE 18	PELLET FABRICATION FACILITY 38113 Veurey-Voroize	SICN	Fabrication of radioactive materials		27.01.77	29.01.77	Modifications: decrees of 15.06.77 (O.G. of 19.06.77) and of 14.10.86 (O.G. of 17.10.86) Final shutdown and decommissioning decree of 15.02.2006 O.G. of 22.02.2006	90
DAGNEUX 19	DAGNEUX IONISATION PLANT Z.I. LES CHARTINIÈRES 01120 Dagneux	IONISOS	Use of radioactive materials		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	68
TRICASTIN 20	TRICASTIN 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	87
TRICASTIN 20	TRICASTIN NUCLEAR POWER PLANT (reactors 3 and 4) 26130 Saint-Paul-Trois-Châteaux	EDF	Reactors		02.07.76	04.07.76	Boundary change: decrees of 10.12.85 O.G. of 18.12.85 and 29.11.04 O.G. of 02.12.04	88
TRICASTIN 20	GEORGES BESSE PLANT FOR URANIUM ISOTOPE SEPARATION BY GASEOUS DIFFUSION EURODIF 26702 Pierrelatte Cedex	EURODIF PRODUCTION	Transformation of radioactive materials		08.09.77	10.09.77	Boundary change: decree of 22.06.84 O.G. of 30.06.84 Modification: decree of 27.04.07 O.G. of 29.04.07	93
TRICASTIN 20	URANIUM HEXAFLUORIDE PREPARATION PLANT (COMURHEX) 26130 Saint-Paul-Trois-Châteaux	COMURHEX	Transformation of radioactive materials				Classified secret until 31.12.78 (delicensing decision of 10.07.78)	105
TRICASTIN 20	URANIUM CLEAN-UP AND RECOVERY FACILITY (SOCATRI) 26130 Saint-Paul-Trois-Châteaux	AREVA NC	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	138
TRICASTIN 20	INSTALLATION TU 5 BP 16 26701 Pierrelatte	AREVA NC	Transformation of radioactive materials		07.07.92	11.07.92	Modification: decree of 15.09.94 O.G. of 24.09.94	155

## LIST OF BASIC NUCLEAR INSTALLATIONS (continuation)

NPP name	Name and location of the installation	Licensee	Type of installation	Declared on:	Authorised on:	O.G. of:	Observations	BNI
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### LOCATION OF INSTALLATIONS REGULATED BY THE LYON DIVISION (continuation)

TRICASTIN 20	TRICASTIN OPERATIONAL HOT UNIT (BCOT) BP 127 84504 Bollène Cedex	EDF	Nuclear maintenance	29.11.93	07.12.93	Modification: decree of 29.11.04 O.G. of 02.12.04	157
TRICASTIN 20	GEORGES BESSE 2 PLANT FOR CENTRIFUGAL SEPARATION OF URANIUM ISOTOPES 26702 Pierrelatte Cedex	SET	Transformation of radioactive materials	27.04.07	29.04.07	Decree 2007-631 O.G. of 29.04.07	168
CRUAS 21	CRUAS-MEYSSE NUCLEAR POWER PLANT (reactors 1 and 2) 07350 Cruas	EDF	Reactors	08.12.80	31.12.80	Boundary change: decrees of 10.12.85 (O.G. of 18.12.85) and 29.11.04 (O.G. of 02.12.04)	111
CRUAS 21	CRUAS-MEYSSE 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	112
SAINT-ALBAN 22	SAINT-ALBAN-SAINT-AURICE NUCLEAR POWER PLANT (reactor 1) 38550 Le Péage-de-Roussillon	EDF	Reactor	12.11.81	15.11.81		119
SAINT-ALBAN 22	SAINT-ALBAN-SAINT-AURICE NUCLEAR POWER PLANT (reactor 2) 38550 Le Péage-de-Roussillon	EDF	Reactor	12.11.81	15.11.81		120
CREYS-MALVILLE 23	SUPERPHÉNIX REACTOR 38510 Morestel	EDF	Fabrication of radioactive materials	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 Modification: decree of 10.01.1989 O.G. of 12.01.1989 Final shutdown and change in operator decree of 30.12.98 O.G. of 31.12.98 Final shutdown (last step) and decommissioning: decree of 20.03.06 O.G. of 21.03.06	91
CREYS-MALVILLE 23	FUEL EVACUATION FACILITY (CREYS-MALVILLE) 38510 Morestel	EDF	Radioactive materials storage	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 Modification: decree of 20.03.06 O.G. of 21.03.06	141



NPP name	Name and location of the installation	Licensee	Type of installation	Declared on:	Authorised on:	O.G. of:	Observations	BNI
CADARACHE 24	TEMPORARY DISPOSAL FACILITY (PÉGASE) AND SPENT NUCLEAR FUEL DRY STORAGE INSTALLATION (CASCAD) (Cadarache) 13115 Saint-Paul-lez-Durance	CEA	Disposal of radioactive materials	27.05.64	17.04.80	27.04.80	Former reactor shutdown on 31.07.85 Modification: decree of 04.09.89	22
CADARACHE 24	CABRI AND SCARABEE (Cadarache) 13115 Saint-Paul-lez-Durance	CEA	Reactors	27.05.64			Modification: decree of 20.03.06 O.G. of 21.03.06	24
CADARACHE 24	RAPSODIE/LDAC (Cadarache) 13115 Saint-Paul-lez-Durance	CEA	Reactor	27.05.64			Shutdown on 15.04.83	25
CADARACHE 24	PLUTONIUM TECHNOLOGY FACILITY (ATPU) (Cadarache) 13115 Saint-Paul-lez-Durance	CEA	Fabrication or Transformation of radioactive materials	27.05.64				32
CADARACHE 24	EFFLUENT AND SOLID WASTE TREATMENT STATION (Cadarache) 13115 Saint-Paul-lez-Durance	CEA	Transformation of radioactive materials	27.05.64				37
CADARACHE 24	MASURCA (Cadarache) 13115 Saint-Paul-lez-Durance	CEA	Reactor		14.12.66	15.12.66		39
CADARACHE 24	EOLE (Cadarache) 13115 Saint-Paul-lez-Durance	CEA	Reactor		23.06.65	28 and 29.06.65		42
CADARACHE 24	ENRICHED URANIUM PROCESSING FACILITY (ATUE) (Cadarache) 13115 Saint-Paul-lez-Durance	CEA	Fabrication of radioactive materials	08.01.68			Final shutdown and decommissioning decree of 08.02.06 O.G. of 15.02.2006	52
CADARACHE 24	ENRICHED URANIUM AND PLUTONIUM WAREHOUSE (Cadarache) 13115 Saint-Paul-lez-Durance	CEA	Radioactive materials storage	08.01.68				53
CADARACHE 24	CHEMICAL PURIFICATION LABORATORY (Cadarache) 13115 Saint-Paul-lez-Durance	CEA	Transformation of radioactive materials	08.01.68				54
CADARACHE 24	ACTIVE FUEL EXAMINATION LABORATORY (LECA) AND SPENT FUEL REPROCESSING, CLEAN-OUT AND REPACKAGING STATION (STAR) (Cadarache)	CEA	Use of radioactive materials	08.01.68			Modification: decree of 04.09.89 O.G. of 08.09.89 (creation of STAR)	55

## LIST OF BASIC NUCLEAR INSTALLATIONS (continuation)

NPP name	Name and location of the installation	Licensee	Type of installation	Declared on:	Authorised on:	O.G. of:	Observations	BNI
CADARACHE 24	RADIOACTIVE WASTE INTERIM STORAGE AREA (Cadarache) 13115 Saint-Paul-lez-Durance	CEA	Disposal of radioactive materials	08.01.68				56
CADARACHE 24	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	92
CADARACHE 24	MINERVE (Cadarache) 13115 Saint-Paul-lez-Durance	CEA	Reactor		21.09.77	27.09.77		95
CADARACHE 24	LABORATORY FOR THE EXPERIMENTAL DESIGN AND FABRICATION OF ADVANCED NUCLEAR FUELS (LEFCA) (Cadarache) 13115 Saint-Paul-lez-Durance	CEA	Fabrication of radioactive materials		23.12.81	26.12.81		123
CADARACHE 24	CHICADE (Cadarache) BP 1 13108 Saint-Paul-lez-Durance Cedex	CEA	R&D laboratory		29.03.93	30.03.93		156
CADARACHE 24	CEDRA (Cadarache) 13115 Saint-Paul-lez-Durance Cedex	CEA	Packaging and interim storage of radioactive materials		04.10.04	05.10.04		164
CADARACHE 24	MAGENTA 13115 Saint-Paul-lez Durance Cedex	CEA	Reception and shipment of nuclear materials		25.09.08	27.09.08	Decree 2008-1004 O.G. of 27.09.08	169
CADARACHE 24	EFFLUENT ADVANCED MANAGEMENT AND PROCESSING FACILITY "Agate" (Cadarache) 13115 Saint-Paul-lez Durance Cedex	CEA	Packaging and interim storage of radioactive materials		25.03.09	28.03.09	Decree 2009-332 O.G. of 28.03.09	171
CADARACHE 24	JULES HOROWITZ REACTOR (RJH) (Cadarache) 13115 Saint-Paul-lez-Durance Cedex	CEA	Reactor		12.10.09	14.10.09	Decree 2009-1219 O.G. of 14.10.09	172
MARCOULE 25	PHENIX NUCLEAR POWER PLANT (Marcoule) 30205 Bagnols-sur-Cèze	CEA	Reactor		31.12.69	09.01.70		71
MARCOULE 25	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 Final commissioning: ASN decision 2007-DC-0050 of 22.06.2007	148

NPP name	Name and location of the installation	Licensee	Type of installation	Declared on:	Authorised on:	O.G. of:	Observations	BNI
<b>LOCATION OF INSTALLATIONS REGULATED BY THE MARSEILLE DIVISION (continuation)</b>								
MARCOULE ▼ <sup>25</sup>	NUCLEAR FUELS FABRICATION PLANT (MELOX) BP 2 30200 Chusclan	AREVA NC	Fabrication of radioactive materials		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, 04.10.04 O.G. of 05.10.04 and 26.04.07 O.G. of 27.04.07	151
MARCOULE ▼ <sup>25</sup>	CENTRACO Codolet 30200 Bagnols-sur-Cèze	SOCODEI	Radioactive waste and effluent processing		27.08.96	31.08.96	Decree 96-761 Modification: decree of 09.02.06 O.G. of 12.02.2006 Modification: decree 2008-1003 O.G. of 27.09.08	160
MARCOULE ▼ <sup>25</sup>	GAMMATEC 30200 Chusclan	ISOTRON FRANCE S.A.S	Ionisation treatment of materials, products and equipment, for industrial purposes and for research and development		25.09.08	27.09.08	Decree 2008-1005 O.G. of 27.09.08	170
MARSEILLE ▼ <sup>26</sup>	GAMMASTER IONISATION PLANT M.I.N. 712 13323 Marseille Cedex 14	ISOTRON FRANCE	Ionisation installation		30.01.89	31.01.89		147
NARBONNE ▼	Bassins B1 et B2 Malvési, 11100 Narbonne	COMURHEX	Packaging and interim storage of radioactive materials				ASN decision no. 2009-DC-170 on 22 December 2009 requesting that COMURHEX file an application for a creation authorisation decree no later than 31 December 2010	
<b>LOCATION OF INSTALLATIONS REGULATED BY THE NANTES DIVISION</b>								
POUZAUGES ▼ <sup>27</sup>	IPOUZAUGES 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	146
SABLÉ-SUR-SARTHE ▼ <sup>28</sup>	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	154
<b>LOCATION OF INSTALLATIONS REGULATED BY THE ORLEANS DIVISION</b>								
SACLAY ▼ <sup>29</sup>	ULYSSE (Saclay) 91191 Gif-sur-Yvette Cedex	CEA	Reactor	27.05.64				18
SACLAY ▼ <sup>29</sup>	ARTIFICIAL RADIONUCLIDES PRODUCTION FACILITY (SACLAY) 91191 Gif-sur-Yvette Cedex	CIS-BIO International	Fabrication or Transformation of radioactive materials	27.05.64			Change in licensee: decree of 15.12.08 O.G. of 17.12.08	29

## LIST OF BASIC NUCLEAR INSTALLATIONS (continuation)

NPP name	Name and location of the installation	Licensee	Type of installation	Declared on:	Authorised on:	O.G. of:	Observations	BNI
SACLAY ▼ <sup>29</sup>	LIQUID EFFLUENT MANAGEMENT ZONE (SACLAY) 91191 Gif-sur-Yvette Cedex	CEA	Transformation of radioactive materials	27.05.64			Modification: decree of 08.01.04 O.G. of 09.01.04	35
SACLAY ▼ <sup>29</sup>	OSIRIS-ISIS (SACLAY) 91191 Gif-sur-Yvette Cedex	CEA	Reactors		08.06.65	12.06.65	Decision n° 2008-DC-113	40
SACLAY ▼ <sup>29</sup>	HIGH ACTIVITY LABORATORY (SACLAY) 91191 Gif-sur-Yvette Cedex	CEA	Use of radioactive materials	08.01.68			Extension: decree of 22.02.88 O.G. of 24.02.88	49
SACLAY ▼ <sup>29</sup>	SPENT FUEL TEST LABORATORY (LECI) (SACLAY) 91191 Gif-sur-Yvette Cedex	CEA	Use of radioactive materials	08.01.68			Modification: decree of 30.05.00 O.G. of 03.06.00	50
SACLAY ▼ <sup>29</sup>	SOLID RADIOACTIVE WASTE MANAGEMENT ZONE (SACLAY) 91191 Gif-sur-Yvette Cedex	CEA	Radioactive materials storage		14.06.71	22.06.71		72
SACLAY ▼ <sup>29</sup>	POSÉIDON - CAPRI IRRADIATION FACILITIES (SACLAY) 91191 Gif-sur-Yvette Cedex	CEA	Use of radioactive materials		07.08.72	15.08.72		77
SACLAY ▼ <sup>29</sup>	ORPHÉE (SACLAY) 91191 Gif-sur-Yvette Cedex	CEA	Reactor		08.03.78	21.03.78		101
SAINT-LAURENT-DES-EAUX ▼ <sup>30</sup>	SAINT-LAURENT-DES-EAUX 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	46
SAINT-LAURENT-DES-EAUX ▼ <sup>30</sup>	INTERIM STORAGE OF IRRADIATED GRAPHITE SLEEVES (Saint-Laurent-des-Eaux) 41220 La Ferté-Saint-Cyr	EDF	Radioactive materials storage		14.06.71	22.06.71	Change in licensee: decree of 28.06.84 O.G. of 06.07.84	74
SAINT-LAURENT-DES-EAUX ▼ <sup>30</sup>	SAINT-LAURENT-DES-EAUX POWER PLANT (reactors B1 and B2) 41220 La Ferté-Saint-Cyr	EDF	Reactors		08.03.78	21.03.78		100
DAMPIERRE-EN-BURLY ▼ <sup>31</sup>	DAMPIERRE-EN-BURLY NUCLEAR POWER PLANT (reactors 1 and 2) 45570 Ouzouer-sur-Loire	EDF	Reactors		14.06.76	19.06.76		84
DAMPIERRE-EN-BURLY ▼ <sup>31</sup>	DAMPIERRE-EN-BURLY NUCLEAR POWER PLANT (reactors 3 and 4) 45570 Ouzouer-sur-Loire	EDF	Reactors		14.06.76	19.06.76		85

NPP name	Name and location of the installation	Licensee	Type of installation	Declared on:	Authorised on:	O.G. of:	Observations	BNI
CHINON 32	IRRADIATED MATERIALS FACILITY (Chinon) 37420 Avoine	EDF	Use of radioactive materials	29.01.64			Modification: decree of 15.04.85 O.G. of 19.04.85	94
CHINON 32	CHINON INTER-REGIONAL 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	99
CHINON 32	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	107
CHINON 32	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	132
CHINON 32	CHINON A1D 37420 Avoine	EDF	Radioactive materials storage		11.10.82	16.10.82	Former reactor shutdown on 16.04.73	133
CHINON 32	CHINON A2D 37420 Avoine	EDF	Radioactive materials storage		07.02.91	13.02.91	Former reactor shutdown on 14.06.85	153
CHINON 32	CHINON A3D 37420 Avoine	EDF	Radioactive materials storage		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	161
ORSAY 33	LABORATORY FOR THE USE OF ELECTROMAGNETIC RADIATION (LURE) 91405 Orsay Cedex	CNRS	Particle accelerator	22.03.79			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) Final shutdown and decommissioning decree 2009-405 of 14.04.1009 (O.G of 16.04.09)	106
BELLEVILLE-SUR-LOIRE 34	BELLEVILLE-SUR-LOIRE NUCLEAR POWER PLANT (reactor 1) 18240 Léré	EDF	Reactor		15.09.82	16.09.82		127
BELLEVILLE-SUR-LOIRE 34	BELLEVILLE-SUR-LOIRE 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	128
FONTENAY-AUX-ROSES 35	PROCESS 92265 Fontenay-aux-Roses Cedex	CEA	Decommissioning research installation		30.06.06	02.07.06	Decree 2006-772 of 30.06.06 O.G. of 02.07.06	165

## LIST OF BASIC NUCLEAR INSTALLATIONS (continuation)

NPP name	Name and location of the installation	Licensee	Type of installation	Declared on:	Authorised on:	O.G. of:	Observations	BNI
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### LOCATION OF INSTALLATIONS REGULATED BY THE ORLEANS DIVISION (continuation)

FONTENAY-AUX-ROSES 35	SUPPORT 92265 Fontenay-aux-Roses Cedex	CEA	Installation for treatment of effluents and storage of decommissioning waste		30.06.06	02.07.06	Decree 2006-771 of 30.06.06 O.G. of 02.07.06	166
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### LOCATION OF INSTALLATIONS REGULATED BY THE STRASBOURG DIVISION

STRASBOURG 36	STRASBOURG UNIVERSITY REACTOR 67037 Strasbourg Cedex	Université Louis Pasteur	Reactor		25.06.65	01.07.65	Final shutdown and decommissioning decree of 15.02.2006 O.G. of 22.02.2006	44
FESSENHEIM 37	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	75
CATTENOM 38	CATTENOM NUCLEAR POWER PLANT (reactor 1) 57570 Cattenom	EDF	Reactor		24.06.82	26.06.82		124
CATTENOM 38	CATTENOM NUCLEAR POWER PLANT (reactor 2) 57570 Cattenom	EDF	Reactor		24.06.82	26.06.82		125
CATTENOM 38	CATTENOM NUCLEAR POWER PLANT (reactor 3) 57570 Cattenom	EDF	Reactor		24.06.82	26.06.82		126
CATTENOM 38	CATTENOM NUCLEAR POWER PLANT (reactor 4) 57570 Cattenom	EDF	Reactor		29.02.84	03.03.84		137

The declared BNIs are those which existed prior to the publication of decree 63-1228 of 11 December 1963 concerning nuclear installations and for which neither said decree nor the TSN Act (Articles 33 and 62) stipulates authorisation rather than notification.

The missing BNI numbers correspond to facilities which were included in previous editions of the list but which are no longer basic nuclear installations or which have been authorised as new basic nuclear installations.