AKKUYU NUCLEAR JOINT STOCK COMPANY

**AKKUYU NUCLEAR POWER PLANT**

**LICENSE DATABASE OF REGULATIONS, STANDARDS AND GUIDES FOR AKKUYU NPP**

**AKU.P.010.&.&&&&&&.&&&&&.088.JZ.0002**

Revision 2

**Moscow, December 2014**

**AKKUYU NUCLEAR JOINT STOCK COMPANY**

**APPROVED BY**

**Deputy Chief   
Executive Officer for Construction  
 of AKKUYU NUCLEAR JSC**

/signature/ **A.M. Afrov**

*10.12.* **2014**

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**LICENSE DATABASE OF REGULATIONS, STANDARDS AND GUIDES FOR AKKUYU NPP**

**АКU.Р.010.&.&&«&&&&.&&«&&&.088JZ.0002**

Revision 2

**Head of   
Technical Department**

/signature/ **V.Ya. Biezbardis**

*10.12.* **2014**

**Head of   
Operations Department**

/signed/ **V.V. Vdovin**

*10.12.* **2014**

**Head of   
Technical  
 Regulation Administration**

/signature/ **I.M, Kogai**

*10. 12.* **2014**

Moscow,

December 2014

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1. INTRODUCTION

Akkuyu Nuclear Power Plant is being constructed in the Republic of Turkey in accordance with the Agreement between the Government of the Russian Federation and the Government of the Republic of Turkey on cooperation in construction and operation of nuclear power plant at Akkuyu site in the Republic of Turkey dated 12.05.2010

In order to determine the change in License Database, the joint Working Group on Regulations, Standards and Guides (WG02) which include the representatives of the Turkish Atomic Energy Authority (TAEK), AKKUYU NUCLEAR JSC, General Contractor (JSC Atomenergoproekt) and Consultant had held a series of meetings, the results therein were recorded in the Minutes of the meetings, and solutions of the issues raised assisted in the successful work for determining the required changes to the License Database of Regulations, Standards and Guides for Akkuyu NPP.

AKKUYU NUCLEAR JSC in compliance with the requirements of item 1 of Clause 6 of the "Manual for determining the Regulations, Guides and Standards and for determining the referece plant" had prepared and submitted to TAEK the List of Regulations, Standards and Guides proposed for inclusion/exclusion in the License Database of Regulations, Standards and Guides for Akkuyu NPP. The complete list of Regulations, Standards and Guides, which shall be taken as the basis when licensing the plants shall be determined at the beginning of the licensing process in accordance with the Decree on licensing of nuclear installations.

This License Database of Regulations, Standards and Guides for AKKUYU NPP, revision 2, has been taken by the decision of the Atomic Energy Commission No 133/1 dated 14.11.2014

1. LICENSE DATABASE OF REGULATIONS, STANDARDS AND GUIDES FOR AKKUYU NPP

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| **Item** | **Title and designation** | **NPP Stages** | **Issue year** |
| **A. Regulations** | | | |
| **1. Turkish Regulations** | | | |
| **a ТАЕК Regulations** | | | |
| **Laws** | | | |
| 1 | Law on Turkish Atomic Energy Authority, 1982,  No 2690 | General requirements | 1982 |
| **Decrees** | | | |
| 1 | Decree on Licensing of Nuclear Installations, Official Gazette No. 18256 dated 19.12.1983 83/7405, 18.11.1983 | General requirements | 1983 |
| 2 | Decree on Radiation Safety (Official Gazette No. 18861 dated 07.09.1985) | General requirements | 1985 |
| **Secondary legislation** | | | |
| 1 | Regulation on Working Procedures of the Atomic Energy Commission, Official Gazette No. 17927 dated 13.01.1983 | General requirements | 1983 |
| 2 | Regulation on the Establishment and Working Procedures of the Advisory Committee on Nuclear Safety, Office Gazette  No 23106 dated 09.10.1997 | General requirements | 1997 |
| 3 | Regulation on Radiation Safety. Official Gazette 23999 24.03.2000 | General requirements | 1985 |
| 4 | Regulation on Physical Protection of Nuclear Materials and Nuclear Facilities, Official Gazette No.28300 dated 22.05.2012 | General requirements | 2012 |
| 5 | Regulation on Accounting for and Control of Nuclear Materials, Official Gazette  No 28308 dated 30.05.2012 | General requirements | 2012 |
| 6 | Regulations on Basic Requirements of Quality Management for the Safety of Nuclear Installations, Official Gazette No 26642  dated 13.09.2007 | General requirements | 2007 |

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| **Item** | **Title and designation** | **NPP Stages** | **Issue year** |
| 7 | Regulations on Nuclear Safety Inspections and Enforcement, Official Gazette No 26642 dated 13.09.2007 | General requirements | 2007 |
| 8 | Regulation on Safe Transport of Radioactive Materials Official Gazette No. 25869 dated 08.07.2005 | General requirements | 2005 |
| 9 | Regulation on Nuclear and Radiological National Emergency Preparedness, Official Gazette No 23934 dated 15.01.2000 | General requirements | 2000 |
| 10 | Regulation on Specific Principles for Safety of Nuclear Power Plants, Official Gazette No. 27027 dated 17.10.2008 | General requirements | 2008 |
| 11 | Regulation on Design Principles for Safety of Nuclear Power Plants, Official Gazette No 27027 dated 17.10.2008 | Design | 2008 |
| A12 | Regulations on Sites of Nuclear Power Plants, Official Gazette No. 27176 dated 21.03.2009 | Engineering survey | 2009 |
| 13 | Regulation on Issuing Document Base to Export Permission for Nuclear and Nuclear Dual Use Items, Official Gazette No. 26642 dated 13.09.2007 | General requirements | 2007 |
| 14 | Regulation on Protection of Outside Workers in Controlled Areas from the Risks of Ionizing Radiation, Official Gazette No 27968 dated 18.06.2011 | Commissioning & Operation | 2011 |
| 15 | Regulation on Radioactive Waste Management (Official Gazette No 28582 dated 09.03.2013) | General requirements | 2013 |
| 16 | Rules of Release of NPP from Regulatory Control (Official Gazette No. 28582 dated 09.03.2013) | Decommissioning | 2013 |
| **b. Other Regulations** | | | |
| **Laws** | | | |
| 1 | Environmental Law (No: 2872, Official Gazette No. 18132 dated 09.08.1983) | General requirements | 1983 |

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| **Item** | **Title and designation** | **NPP Stages** | **Issue year** |
| 2 | Law No 5902 On Establishment and Duties of the Disaster and Emergency Management Presidency, No: 5902, 29.05.2009 | General requirements | 2009 |
| 3 | Law No 4817 on Work Permits for Foreigners | General requirements | 2003 |
| 4 | Law No. 1380 dated 22.03.1971 Aquatic Products Law | General requirements | 1971 |
| 5 | Law No. 5488 dated 18.04.2006 Agriculture Law | General requirements | 2006 |
| 6 | Law No 3194 On General Layout, No 3194, 03.05.1985 | General requirements | 1985 |
| 7 | Law No 5543 Settlement Law | General requirements | 2006 |
| 8 | Law No. 2565, Law on Military Forbidden Zones and Security Areas, No: 2565, 18.12.1981 | General requirements | 1981 |
| 9 | Law on Protection Against Floods and Inundations, No: 4373, 14.01.1943 | General requirements | 1943 |
| 10 | Law No 6200 on Establishment and Duties of the General Directorate of State Hydraulic Works, No: 6200, 18.12.1953 | General requirements | 1953 |
| 11 | Ground Water Law No. 167, No: 167, 16.12.1960 | General requirements | 1960 |
| A12 | Law No3152 On Establishment and Duties of the Ministry of Interior | General requirements | 1985 |
| 13 | Law No 7126 On Civil Defense, No: 7126, 09.06.1958 | General requirements | 1958 |
| 14 | Identity Notification Law, No 1774 | General requirements | 1973 |
| 15 | Law on Private Security Services, No 5188, 10.06.2004 | General requirements | 2004 |
| 16 | Law on Residence and Travel for Foreigners in Turkey, No 5683, 15.07.1950 | General requirements | 1950 |
| 17 | Passport Law, No 5682 | General requirements | 1950 |

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| **Item** | **Title and designation** | **NPP Stages** | **Issue year** |
| 18 | Law on Response to Emergencies and Compensation of Losses in Case of Pollution of Marine Environment due to Petroleum and Other Harmful Substances, No 5312, 03.03.2005 | General requirements | 2005 |
| 19 | Law on Preparation and Implementation of Technical Regulations on Products, No 4703, 29.06.2001 | General requirements | 2001 |
| 20 | Law on Construction Inspection, No: 4708, 29.06.2001 | General requirements | 2001 |
| 21 | Law on Road (Land, Highway) Transport (No 4925) | General requirements | 2003 |
| 22 | Turkish Criminal Law (Türk Ceza Kanunu), No: 5237, 26.09.2004 | General requirements | 2004 |
| 23 | Road (Highway) Traffic Law, No 2918 | General requirements | 1983 |
| 24 | Coastal Law, No 3621, 04.04.1990 | General requirements | 1990 |
| 25 | Law on Provincial Administration (Il Idaresi Kanunu), No: 5442, 10.06.1949 | General requirements | 1949 |
| 26 | 5271, Code of Criminal Procedure (Ceza Muhakemesi Kanunu), No: 5271, 17.12.2004 | General requirements | 2004 |
| 27 | 4045 Law on Security Investigations, Return of the Rights of Civil Servants That are Dismissed for Some Reasons and People That are not Taken for Public Office Because of Some Reasons Given and the Law Amending the Martial Law No 1402, 4045 26.10.1994 | General requirements | 1994 |
| **Decrees** | | | |
| 1 | Decree on Rules and Procedures for Production, Import, Transport, Storage, Sales, Use, Disposal and Inspection of explosives and hunting equipment, No: 87/12028, 14.08.1987 | General requirements | 1987 |
| 2 | Decree on Arrangement and Measures Related to Civil Defense 6/3150, 05.06.1964 | General requirements | 1964 |

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| **Item** | **Title and designation** | **NPP Stages** | **Issue year** |
| **Secondary legislation** | | | |
| 1 | Regulation on Disaster and Emergency Planning Services, No: 2013/5703, 18.12.2013 | General requirements | 2013 |
| 2 | Regulation on Shelters, Official Gazette No 19910 dated 25.08.1988 (with amendments issued in the Official Gazette  No 27714 dated 29.09.2010) | General requirements | 1988 |
| 3 | Regulations on Missions of Chemical, Biological, Radiological and Nuclear Hazards, No: 28281, 03.05.2012 | General requirements | 2012 |
| 4 | Regulation on the Employment of Foreign Personnel in Foreign Direct Investments, No: 25214, 29.08.2003 | General requirements | 2003 |
| 5 | Regulation on Electricity Network, 29013, 28.05.2014 | General requirements | 2014 |
| 6 | Regulation on High Current Electricity Facilities, No 24246 dated 30.11.2000 | General requirements | 2000 |
| 7 | Regulation on Fishery Products, No 22223 dated 10.03.1995 | General requirements | 1995 |
| 8 | Regulation to Law on Road Traffic No 2918, No: 23053, 18.07.1997 | General requirements | 1997 |
| 9 | Regulation on Parking, No: 21624, 01.07.1993 | General requirements | 1993 |
| 10 | Regulation on Internal Electric Wiring (Official Gazette No 18565 dated 04.11.1984 - Amendments, Official Gazette No 25494 dated 16.06.2004) | General requirements | 1984 |
| 11 | Regulation on Buildings to be Constructed on the Earthquake Regions, No: 26454, 06.03.2007 | General requirements | 2007 |
| A12 | 28784 Regulation on Environmental Impact Assessment (EIA) (03.10.2013 28784 Resmî Gazete) | General requirements | 2013 |
| 13 | Regulation on Protection of Groundwater Against Pollution and Degradation No: 28257, 07.04.2012 | General requirements | 2012 |

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| **Item** | **Title and designation** | **NPP Stages** | **Issue year** |
| 14 | Regulation on Environmental Permits and Licenses to be taken in Accordance with Environmental Law, No: 27214, 29.04.2009 | General requirements | 2009 |
| 15 | Regulation on Opening Workplace and Working Licenses, No: 2005/9207, 14.07.2005 | General requirements | 2005 |
| 16 | Regulation on Fire Protection of Buildings (Official Gazette No 26735 dated 19.12.2007 - Amendments, Official Gazette No 27344 dated 09.09.2009) | General requirements | 2007 |
| 17 | Regulations on Firearms, Knives and Other Toools, No: 91/1779, 21.03.1991 | General requirements | 1991 |
| 18 | Regulation on Implementation of Identity Reporting, No: 14944, 13.07.1974 | General requirements | 1974 |
| 19 | Regulation on Implementation of Law on Work Permits for Foreigners, No: 25214, 29.08.2003 | General requirements | 2003 |
| 20 | Regulation on Municipal Fire Department, No 26326, 21.10.2006 | General requirements | 2006 |
| 21 | Regulation on Implementation of the Law on Emergency Response and Compensation Principle in Case of Pollution of the Marine Environment by Oil and Other Harmful Substances, No: 26326, 21.10.2006 (26150  26.04.2006) | General requirements | 2006 |
| 22 | Regulation on Taking the Waste from the Ships and Control of Wastes, No: 25682, 26.12.2004 | General requirements | 2004 |
| 23 | Regulation on Control of Pollution from Hazardous Substances in Water and Environment, No: 26005, 26.11.2005 | General requirements | 2005 |
| 24 | Regulation on Control of Soil Pollution and Sites Polluted by Point Source, No 27605, 08.06.2010 | General requirements | 2010 |
| 25 | Regulation on Water Intended for Human Consumption, No: 25730, 17.02.2005 | General requirements | 2005 |
| 26 | Regulation on Road (Highway) Traffic (Official Gazette No 27255 dated 11.06.2009 | General requirements | 2009 |

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| **Item** | **Title and designation** | **NPP Stages** | **Issue year** |
| 27 | Regulation on Implementation of Coastal Law, No: 20594, 03.08.1990 | General requirements | 1990 |
| 28 | Regulation on Construction Materials, No: 28703, 10.07.2013 | General requirements | 2013 |
| 29 | Regulation on Control of Excavation Soil, Construction and Demolition Waste, No: 25406, 18.03.2004 | General requirements | 2004 |
| 30 | Regulation on Electricity Facility Projects, No 27434, 16.12.2009 | General requirements | 2009 |
| 31 | Regulation on Grounding of Electrical Installations (Official Gazette No. 24500 dated 21.08.2001) | General requirements | 2001 |
| 32 | Regulation on Energy Performance of Buildings (Official Gazette No 27075 dated 05.12.2008 - Amendments, Official Gazette  No 27539 dated 01.04.2010) | General requirements | 2008 |
| 33 | 18033 Regulation on Military Forbidden Zones and Security Areas, No: 18033, 30.04.1983 | General requirements | 1983 |
| 34 | 25606 Regulation on Implementation of Law on Private Security Services, No 25606, 07.10.2004 | General requirements | 2004 |
| 35 | 20033 Resolution on Protection Against Sabotage No: 20033, 28.12.1988 | General requirements | 1988 |
| 36 | Issued by the Council of Ministers No 6/3048 "Principles About the Security of Classified Document and the Gadgets" (6/3048 sayılı Bakanlar Kurulu kararı ile yürürlüğe konulan “Gizlilik Dereceli Evrak ve Gerecin Güvenliği Hakkında Esaslar”), 13.05.1964 | General requirements | 1964 |
| 37 | 24018 Regulation on the Security Investigations and the Archive Research, No: 24018, 14.02.2000, 2000/284 | General requirements | 2000 |
| 38 | Regulation on Water Pollution Control Official Gazette No 25687 | General requirements | 2004 |
| **2. IAEA Fundamentals and Requirements** | | | |
| **Safety Fundamentals** | | | |
| 1 | Fundamental Safety Principles. Safety Fundamentals Vienna, 2007. | General requirements | 2006 |

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| **Item** | **Title and designation** | **NPP Stages** | **Issue year** |
| **General Safety Requirements** | | | |
| 1 | Preparedness and Response for a Nuclear or Radiological Emergency Situation, GS-R-2, 2002 | Operation | 2002 |
| 2 | The Management System for Facilities and Activities Safety Requirements, GS-R-3, 2006 | General requirements | 2006 |
| 3 | Governmental, Legal and Regulatory Framework for Safety, General Safety Requirements GSR Part 1, 2010 | General requirements | 2010 |
| 4 | Radiation Protection and Safety of Radiation Sources: International Basic Safety Standards – General Safety Requirements GSR Part 3, 2014 | General requirements | 2011 |
| 5 | Safety Assessment for Facilities and Activities, General Safety Requirements GSR Part 4, 2009 | General requirements | 2009 |
| 6 | Pre-disposal Management of Radioactive Waste, General Safety Requirements GSR, Part 5, 2009 | Operation | 2009 |
| 7 | Decommissioning of Facilities General Safety Requirements GSR Part 6, 2014 | Decommissioning | 2006 |
| **Specific Requirements** | | | |
| 1 | Safety of Nuclear Power Plants: Design, SSR-2/1, 2012 | Design | 2012 |
| 2 | Safety of Nuclear Power Plants: Commissioning and Operation, No SSR-2.2, 2011 | Commissioning & Operation | 2011 |
| 3 | Site Evaluation for Nuclear Installations, NS-R-3, 2003 | Engineering survey | 2003 |
| 4 | Disposal of Radioactive Waste, SSR-5, 2011 | Operation | 2011 |
| 5 | Regulations for the Safe Transport of Radioactive Material SSR-6, 2012 | General requirements | 2012 |
| **3. Russian Federation Regulations** | | | |
| **Laws** | | | |
| 1 | On the Use of Atomic Energy, Federal Law No. 170-FZ dated 21.11.1995, revision dated 27.12.2009 | General requirements | 1995 |
| 2 | On Protection of the Population and Territories Against Emergencies of Natural and Man-Caused Origin Federal Law No 68-FZ dated 21.12.1994 | General requirements | 1994 |
| 3 | Federal Law On Fire Safety FZ No. 69, 1994 | General requirements | 1994 |
| 4 | On Ecologic Review, Federal law No. 174-FZ dated 23.11.1995, revised on 08.05.2009, with Amendments dated 17.12.2009 | General requirements | 1995 |

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| **Item** | **Title and designation** | **NPP Stages** | **Issue year** |
|  | Expert Review" |  |  |
| 5 | On Radiation Safety of the Population Federal Law No 3-FZ dated 09.01.1996, as amended on 23.07.2008 | General requirements | 1996 |
| 6 | On Industrial Safety of Hazardous Production Facilities, Federal Law No. 116-FZ | General requirements | 1997 |
| 7 | On Special Ecological Programs of Remediation of Territories with Radioactive Contamination, Federal law No 92-FZ dated 10.07.2001 as revised on 30.12.2008 | General requirements | 2001 |
| 8 | On the Protection of the Environment Federal Law No 7-FZ | General requirements | 2002 |
| 9 | On Technical Regulation Federal Law FZ-184 | General requirements | 2002 |
| 10 | Federal Law on Licensing of Individual Type of Activities No. 99-FZ dated 04.05.2011 (as revised on 02.07.2013 No. 185-FZ) | General requirements | 2011 |
| 11 | FZ - 384 dated 30.12.2009 Safety of Buildings and Structures Technical Regulations | General requirements | 2009 |
| A12 | Technical Regulations on Fire Safety Requirements No 123-FZ dated 22.07.08 | General requirements | 2008 |
| 13 | On Ensuring the Uniformity of Measurements, No 102-FZ dated 26.06.2008 | General requirements | 2008 |
| 14 | Technical Regulation of the Customs Union "Safety of Low Voltage Equipment" TP TS 004/2011. Approved by Decision of the Customs Union Committee dated 16.08.2011 No 768 | General requirements | 2011 |
| 15 | On Safety of Hydrotechnical Structures, No 117-FZ dated 21.07.97 | General requirements | 1997 |
| 16 | On Countering Terrorism" (as revised in 2013) No FZ-35 | Operation | 2006 |
| 17 | On Health and Epidemiological Well Being of the Population (as revised in 2008) No. 52-FZ dated 30.03.99 | General requirements | 1999 |
| 18 | On Radioactive Waste Management, No. FZ-190 dated 11.07.2011 | General requirements | 2011 |

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| **Item** | **Title and designation** | **NPP Stages** | **Issue year** |
| 19 | Regulations on the Discipline of Employees of Organizations Operating Highly Hazardous and Nuclear Hazardous Production Facilities in the Sphere of Nuclear Energy, Federal Law No. 35-FZ dated 08.03.2011 | Operation | 2011 |
| **Decrees (RF Presidential Edicts)** | | | |
| 1 | On the Control of Export from the Russian Federation of Nuclear Material, Equipment and Production Technologies, RF Presidential Edict No. 312 dated 27.03.1992 as revised on 16.02.2009 | Operation | 1992 |
| 2 | On the Operating Organization of Nuclear Power Plants of the Russian Federation, RF Presidential Edict No. 1055 dated 07.09.1992 as revised on 27.04.2007 | Operation | 1992 |
| 3 | On the Fulfillment by the Russian Federation of Intergovernmental Agreements on Cooperation in Construction of Nuclear Power Plants Abroad, RF Presidential Edict No. 472 dated 21.04.1993 as revised on 01.11.2002 | General requirements | 1993 |
| 4 | On the Perfection of the Management of the Enterprises of Nuclear Fuel Cycle, RF Presidential Edict No. 166 dated 08.02.1996 as revised on 27.04.2007 | Operation | 1996 |
| 5 | On the Approval of the List of Nuclear Materials, Equipment, Special Non-Nuclear Materials and Relevant Production Technologies Subject to Export Control, RF Presidential Edict No. 202 dated 14.02.1996 as revised on 14.10.2008 | Operation | 1996 |
| 6 | On the Guarantees of Safe and Sustainable Functioning of Nuclear Power Industry in the Russian Federation, RF Presidential Edict No. 1012 dated 02.07.1996 | Operation | 1996 |
| 7 | On the Perfection of State Management in the Area of Fire Safety, RF Presidential Edict No. 1309 dated 09.11.2001as revised on 08.05.2005 | Operation | 2001 |
| 8 | On Special Commission on the Issues of Import of Irradiated Fuel Assemblies of Foreign Manufacture to Territory of the Russian Federation, RF Presidential Edict No. 828 dated 10.07.2001 as revised on 18.06.2005 | Operation | 2001 |

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| **Item** | **Title and designation** | **NPP Stages** | **Issue year** |
| 9 | On the Approval of the Statute of the Special Commission on the Issues of Import of Irradiated Fuel Assemblies of Foreign Manufacturer to the Territory of the Russian Federation and its Composition, Decree of the President of the Russian Federation No. 858 dated 31.07.2003 as amended on 18.06.2005 | Operation | 2003 |
| **Bylaws (Government Decrees, Orders, etc.)** | | | |
| 1 | Government Decree No. 418 dated 11.07.2003 Regulation on the Order of Import to Russia of Spent Fuel Assemblies of Nuclear Reactors | Operation | 2003 |
| 2 | On Measures for the Fulfillment of the Decree of the President of the Russian Federation No. 166 dated 08.02.1996 "On the Perfection of the Management of the Enterprises of Nuclear Fuel Cycle ", RF Government Decree No. 677 dated 11.06.1996 | Operation | 1996 |
| 3 | On the Routine for Development of Radiation Hygiene Certificates "Passports" of Organizations and Territories, RF Government Decree No. 93 dated 28.01.1997 | Operation | 1997 |
| 4 | On the List of Medical Contra-Indications and List of Positions Which are Covered by the Above Contra-Indications, as well as on the Requirements for Performing Medical Examinations and Psychophysiological Tests of the Workers of Nuclear Facilities, Russian Federation Government Decree No. 233 dated 01.03.1997 | Operation | 1997 |
| 5 | On the Approval of the List of the Positions of the Workers of Nuclear Facilities Who Must Get the Permission of the Federal  Environmental, Industrial and Nuclear Supervision Service of Russia for the Right of Performing Works in the Area of Atomic Energy Use, Russian Federation Government Decree No 240 dated 03.03.1997 | Commissioning & Operation | 1997 |
| 6 | On the Approval of the Rules for Physical Protection of Nuclear Materials, Nuclear Facilities and Nuclear Material Storage Facilities, RF Government Decree No. 456 dated 19.07.2007 | General requirements | 2007 |
| 7 | On the Rules for Decision-Making on Siting and Construction of Nuclear Facilities, Radiation Sources and Storage Facilities, RF Government Decree No 306 dated 14.03.1997 as revised on 01.02.2005 | General requirements | 1997 |

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| **Item** | **Title and designation** | **NPP Stages** | **Issue year** |
| 8 | On Licensing of Activities in the Field of Atomic Energy Use, RF Government Decree No 280 dated 29.03.2013 (as revised in the RF Government Decree No 1225 dated 24.12.2013 | General requirements | 2013 |
| 9 | On the Approval of the Regulations on the Development and Approval of Federal Norms and Rules in the Area of Use of Atomic Energy and the List of Federal Norms and Rules in the Area of Use of Atomic Energy, RF Government Decree No 1511 dated 01.12.1997 as revised on 07.04.2008 | General requirements | 1997 |
| 10 | Rules of Organization and Implementation of Industrial Supervision of Compliance with the Industrial Safety Requirements at the Hazardous Industrial Facility (as amended by the Resolutions of the RF Government No. 49 dated 01.02.2005 and No. 526 dated 21.06.2013) | Operation | 2013 |
| 11 | Resolution No 973 dated 15.12.2000. On Export and Import of Nuclear Material, Equipment, Special Non-Nuclear Material and Relevant Production Technologies (as revised in the RF Government Resolutions No 612 dated 21.08.2001, No 731 dated 03.10.2002, No 54 dated 04.02.2005, No 771 dated 15.12.2006,  No 724 dated 31.10.2007, No 806 dated 06.11.2008,  No 266 dated 30.03.2009, No 484 dated 15.06.2009, No 560 dated 26.07.2010,  No 826 dated 12.10.2010) | Operation | 2000 |
| A12 | On the Approval of the Regulations on Executing Control of Foreign Trade Activities in Relation to Dual-Purpose Equipment and Materials and as well as Relevant Production Technologies Used for Nuclear Purposes, RF Government Decree No 462 dated 14.06.2001 as revised on 12.10.2010 | General requirements | 2001 |
| 13 | RF Government Decree No 401 dated 30.07.2004 (with amendments). On the Federal Service for Environmental, Industrial and Nuclear Supervision | General requirements | 2002 |
| 14 | Rostekhnadzor ORDER No 721 dated 21.12.2011 On Approval of the Administrative Regulation for Providing State Services for Issues of Permissions for Right to Perform Works in Area of Atomic Energy Use by the Federal Service for Environmental, Industrial and Nuclear Supervision by the Personnel of Nuclear Facilities | General requirements | 2008 |

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| **Item** | **Title and designation** | **NPP Stages** | **Issue year** |
| 15 | Order of Ministry of Natural Resources of the Russian Federation No. 262 dated 16.10.2008 On the approval of Administrative Regulation on Implementation of the State Function of Licensing Activities in the Field of Nuclear Energy by the Federal Environmental, Industrial and Nuclear Supervision Service of Russia. Registered in the Ministry of Justice of the Russian Federation No. 12877 dated 17.12.2008 | General requirements | 2008 |
| 16 | Rostekhnadzor ORDER No 480 dated 19.08.2011 On Approval of the Procedures of Technical Investigations of the Causes of Accidents, Incidents and Loss of Industrial Explosives at Facilities Supervised by the Federal Environmental, Industrial and Nuclear Supervision | General requirements | 2011 |
| 17 | Gosstroy of Russia Decree No. 76 dated 01.07.2002 Procedure for justification of applicability for construction purposes of new materials, products, structures and technologies | General requirements | 1997 |
| 18 | RF Government Decree No. 87 dated 16.02.2008 On composition of design documentation sections and requirements to their contents | Design | 2008 |
| 19 | Order of the RF Government No 1047 -p dated 21.06.2010 List of National Standards and Codes as a Result of Which Compliance with the Requirements of the Federal Law No 384-FZ dated 30.12.2009 is Provvided on a Compulsory Basis  . | General requirements | 2010 |
| 20 | Decision of the Commission of the Customs Union No 823 dated 18.11.2011 On Acceptance of the Technical Regulation of the Customs Union "On Safety of Machinery and  Equipment" Technical Regulation of the Customs Union TR TS 010/2011 "On Safety of Machinery and Equipment" | General requirements | 2011 |
| 21 | RF Government Decree No 1069 dated 19.10.2012  "On the Criteria for Rating Solid, Liquid and Gaseous Wastes as Radioactive Wastes, Criteria for Rating Radioactive Wasters as Special Radioactive Wastes and Removable Radioactive Wastes and Criteria for Classification of Removable Radioactive Wastes" | Design | 2012 |

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| **Item** | **Title and designation** | **NPP Stages** | **Issue year** |
| 22 | Resolution of Rosatom State Corporation and Rostekhnadzor No. 06-4421 dated 01.01.2012 "On Procedure and Scope of Performance of Assessments of Compliance of Equipment, Products, Components, Materials and Semi-Finished Products Supplied to Nuclear Power Plants | Construction | 2012 |
| 23 | A Unified List of the Positions of Nuclear Power Plant Employees for Which Permission Shall be Received from the Federal Service for Environmental, Industrial and Nuclear Supervision on Carrying Out Works in the Field of Atomic Energy Utilization (Rosatom State Corporation Order No. 884 dated 15.12.2009). | Design | 2009 |
| 24 | Uniform Qualifying Directory for Managers, Specialists and Other Employees.  Approved by the Order of Ministry of Health and Social Development of Russia No. 188 dated 23.04.2008 (as amended on 12.02.2014) Section "Qualifying Characteristics of the Posts of Managers and Specialists of Architecture and Urban Development" | Design | 2014 |
| 25 | RF Government Decree No. 390 dated 25.04.2012 "On Fire Prevention Regime" (together with the Fire Safety Regulations in the Russian Federation") | Design | 2012 |
| 26 | Procedure of Training to Occupational Safety and Knowledge Assessment of the Occupational Safety Requirements in Enterprise Employees (Decree of the Ministry of Labor and the Ministry of Education of Russia No.1/29 dated 13.01.2003). | General requirements | 2003 |
| **Norms and Rules** | | | |
| 1 | NP-001-97 (PNAE G-01-011-97) General Regulations on Ensuring Safety of Nuclear Power Plants | General requirements | 1997 |
| 2 | NP-087-11 Requirements for NPP Emergency Power Supply Systems | Design | 2011 |
| 3 | PNAE G-7-008-89 (rev. 1). Rules for Aarrangement and Safe Operation of Equipment and Pipelines for Nuclear Power Facilities | Design & Operation | 1989 |
| 4 | PNAE G-7-003-89 Rules of Certification of Welders of Equipment and Pipelines for Nuclear Power Plants | Operation | 1987 |
| 5 | SanPiN 2.6.1.2523-09 Radiation Safety Standards (NRB-99/2009) | Engineering survey & Design | 2009 |
| 6 | PNAE G-5-40-97 (NP-003-97) Requirements to  Full Scope Simulators for Training of NPP Main Control Room Operators | Operation | 1997 |

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| **Item** | **Title and designation** | **NPP Stages** | **Issue year** |
| 7 | NP-004-08 Regulation on Order of Investigation and Accounting of NPP Operational Events | Operation | 2008 |
| 8 | NP-005-98 Regulation on the Order of Emergency Annunciation, Operative Information Transfer and Arrangement of Urgent Assistance to Nuclear Power Plants in Case of Radiologically Hazardous Situations | Operation | 1998 |
| 9 | NP-012-99 Rules to Ensure Safety of NPP Unit Decommissioning | Decommissioning | 1999 |
| 10 | NP-014-2000 Rules for Investigation and Accounting of Events Occurred During Handling of Radioactive Substances and Ionization Sources Applicable in General Economy | Operation | 2000 |
| 11 | NP-015-12 Standard Contents of the Plan of Activities for Personnel Protection in Case of Accident at Nuclear Power Plant | Operation | 2012 |
| A12 | NP-020-2000 Collection, Reprocessing, Storage and Conditioning of Solid Radioactive Wastes. Safety Requirements | Design & Operation | 2000 |
| 13 | NP-021-2000 Management of Gaseous Radioactive Wastes. Safety Requirements | Design & Operation | 2000 |
| 14 | NP-026-04 Requirements for Control Systems Important to the Safety of Nuclear Power Plants | Operation | 2004 |
| 15 | NP-030-12 General Rules for Accounting and Inspecting of Nuclear Materials | Operation | 2012 |
| 16 | NP-032-01 Nuclear Power Plants Siting. Main criteria and Safety Requirements | Engineering survey | 2001 |
| 17 | NP-034-01Rules for Physical Protection of Radiation Sources, Storage Facilities and Radioactive Substances | Operation | 2001 |
| 18 | NP-035-02 Spent Nuclear Fuel Dry Storage Facilities. Safety Requirements | Operation | 2002 |
| 19 | NP-036-05 Rules for Design and Operation of NPP Safety Significant Ventilation Systems | Design & Operation | 2005 |
| 20 | NP-038-11 General Provisions to Ensure Safety of Radiation Sources | Operation | 2011 |
| 21 | NP-045-03 Rules for Design and Safe Operation of Steam and Hot Water Pipelines at Nuclear Facilities | Design & Operation | 2003 |
| 22 | NP-046-03 Rules for the design and safe operation of steam and hot water boilers for nuclear facilities | Operation | 2003 |
| 23 | NP-053-04 Safety Rules for Transportation of Radioactive Materials | Design & Operation | 2004 |

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| **Item** | **Title and designation** | **NPP Stages** | **Issue year** |
| 24 | NP-055-04 Disposal of radioactive waste. Principles, criteria and basic safety requirements | Design & Operation | 2004 |
| 25 | NP-058-04 Safety of Radioactive Waste Management. General Provisions | Design & Operation | 2004 |
| 26 | NP-064-05 Consideration of External Natural and Man-Caused Impacts on Nuclear Facilities | Engineering survey & Design | 2005 |
| 27 | NP-061-05 Safety Rules at Nuclear Fuel Storage and Transporting at Nuclear Facilities | Design & Operation | 2005 |
| 28 | NP-067-11 Ground rules for Accounting and Control of Radioactive Substances and Radioactive waste in the Organization | Design & Operation | 2011 |
| 29 | NP-070-06 Rules for Design and Safe Operation of Equipment and Pipelines at Nuclear Facilities | Design & Operation | 2006 |
| 30 | NP-071-06 Rules for Compliance Assessment of the Equipment, Components, Materials and Semi-finished Products Delivered to the Nuclear Ffacilities | Design & Operation | 2006 |
| 31 | NP-073-11 Rules for Physical Protection of Radioactive Substances and Ionization Sources During Their Transportation (Document Number - NP-073-06) | Operation | 2012 |
| 32 | NP-074-06 Requirements to Planning and Ensure Preparedness for Emergency Aftermath Mitigation During Transportation of Nuclear Materials and Radioactive Substances | Operation | 2006 |
| 33 | NP-040-02 Regulations for Ensuring Hydrogen Explosion Protection at Nuclear Power Plants | Design & Operation | 2002 |
| 34 | NP-019-2000 Collection, Reprocessing, Storage and Conditioning of Liquid Radioactive Wastes. Safety requirements. | Design & Operation | 2000 |
| 35 | NP-002-04 Safety Regulations for Handling Radioactive Wastes from Nuclear Power Plants | Design & Operation | 2004 |
| 36 | NP-031-01 Standards for Design of Seismic Resistant Nuclear Power Plants. | Engineering survey & Design | 2001 |
| 37 | NR 34-70-118-87 Standards for Design of Thermal Insulation for Pipelines and Equipment of Thermal and Nuclear Power Plants | Design | 1987 |
| 38 | NPB 114-2002 Fire Protection of Nuclear Power Plants. Design Codes | Design | 2002 |

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| **Item** | **Title and designation** | **NPP Stages** | **Issue year** |
| 39 | NPB 113-2003 Fire Safety of Nuclear Power Plants. General requirements | Design | 2003 |
| 40 | NPB 105-03 Determining Categories of Premises, Buildings and Outdoor Installations as to Explosion-Fire and Fire Safety | Design | 2003 |
| 41 | NPB 151-2000 Fire-Fighting Cabinets. Technical Fire Safety Requirements. Test methods | Design | 2000 |
| 42 | NPB 152-2000 Fire Equipment. Pressure Fire Hoses. Technical Requirements of Fire Safety. Test methods | Design | 2000 |
| 43 | NPB 154-2000 Fire equipment. Fire Valves. Technical Fire Safety Requirements. Test methods | Design | 2000 |
| 44 | NPB 160-97 Signal colors. Fire Safety Signs. Types, Dimensions, Common Technical Demands | Design | 1997 |
| 45 | NPB 238-97 Flame-Retardant Cable Coating. General Technical Requirements and Test Methods | Design | 1997 |
| 46 | NPB 242-97 Classification and Test Methods of Electrical Cable Line Fire Hazard | Design | 1997 |
| 47 | PPB-АS-2011 Fire Safety Regulations in NPP Operation. | Operation | 2011 |
| 48 | SP 2.6.1.2612-10 (ОSPORB-99/2010) Basic  Sanitary Rules for Ensuring Radiation Safety | Design & Operation | 2010 |
| 49 | SanPiN 2.6.1.24-03 Sanitary Rules for Design and Operation of Nuclear Power Plants (SP AS-03) | Design & Operation | 2003 |
| 50 | Sanitary and Technical Requirements for Design and Operation of District Heating Systems (STT SOT As-91 Supplement to SP AS-88/93) | Design | 1991 |
| 51 | SP 2.6.6.1168-02 (SPORO-2002) Sanitary Rules for Radioactive Waste Management | Design & Operation | 2002 |
| 52 | SP 2.6.6.2572-2010 Radiation Safety When Managing NPP Industrial Wastes Containing Technogenic Radionuclides | Design | 2010 |
| 53 | SanPiN 2.2.8.46-03 Sanitary Rules for Decontamination of Individual Protection Aids | Operation | 2003 |
| 54 | SanPiN 2.2.8.48-03 Respiratory Individual Protection Aids for the Personnel of Radiation Hazardous Facilities | Design & Operation | 2003 |

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| **Item** | **Title and designation** | **NPP Stages** | **Issue year** |
| 55 | SanPiN 2.2.8.49-03 Skin Individual Protection Aids for the personnel of Radiation Hazardous Facilities | Operation | 2003 |
| 56 | SanPin 2.1.4.1110-02 Sanitary Protection Zones of Water Supply Sources and Drinking Water Supply Pipelines. Sanitary Standards. | Design | 2002 |
| 57 | SanPin 2.1.5.980-00 Hygienic Requirements for Surface Water Protection | Design | 2000 |
| 58 | SanPiN 2.2.1/2.1.1.1200-03 Sanitary Protection Zones and Sanitary Classification of Enterprises, Buildings and Other Facilities. Sanitary and Epidemiological Rules and Standards | Design | 2003 |
| 59 | SаnPiN 2.6.1.1281-03 Sanitary Rules for Personnel and Public Radiation Protection During Transportation of Radioactive Materials (Substances) | Operation | 2003 |
| 60 | PNAE G-7-009-89, rev. 1 Equipment and Pipelines for Nuclear Power Facilities. Welding and Overlay Cladding. Main principles | Design & Construction & Operation | 1989 |
| 61 | PNAE G-7-010-89, rev. 1. Equipment and Pipelines for Nuclear Power Facilities. Welded joints and Overlay Cladding. Rules of control. | Design & Construction & Operation | 1989 |
| 62 | PNAE G-7-002-86 Norms of Strength Calculation for Equipment and Pipelines of Nuclear Power Plants (PNAE G-7-002-87) | Design & Operation | 1986 |
| 63 | PNAE G-7-025-90 Steel Castings for Nuclear Power Plants. Rules of control. | Construction & Operation | 1990 |
| 64 | PNAE G-10-031-92 Main Provisions on Welding of NPP Localizing Safety Systems Elements | Design & Construction & Operation | 1992 |
| 65 | PNAE G-10-32-92 Rules of Control of NPP Localizing Safety System Elements Welded Joints. | Design & Construction & Operation | 1992 |
| 66 | PNAE G-7-014-89 Unified Methods of Control of Main Materials (Semi-Finished Items), Welded Joints and Overlay Cladding of Equipment and Pipelines for Nuclear Power Plants. Ultrasonic Testing. Control of Main Materials (Semi-Finished Products) | Construction & Operation | 1989 |

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| **Item** | **Title and designation** | **NPP Stages** | **Issue year** |
| 67 | PNAE G-7-015-89 Standardized methods of control of basic materials (semifinished products), welded joints and build-up weldings of equipment and pipelines of nuclear power facilities. Magnetic particle test | Construction & Operation | 1989 |
| 68 | PNAE G-7-016-89 Unified Methods of Control of Main Materials (Semi-Finished Items), Welded Joints and Overlay Cladding of Equipment and Pipelines for Nuclear Power Plants. Visual and Instrumentation Inspection. | Construction & Operation | 1989 |
| 69 | PNAE G-7-017-89 Unified Methods of Control of Main Materials (Semi-Finished Items), Welded Joints and Overlay Cladding of Equipment and Pipelines for Nuclear Power Plants. Radiographic Testing | Construction & Operation | 1989 |
| 70 | PNAE G-7-018-89 Unified Methods of Control of Main Materials (Semi-Finished Items), Welded Joints and Overlay Cladding of Equipment and Pipelines for Nuclear Power Plants. Capillary Testing | Construction & Operation | 1989 |
| 71 | PNAE G-7-019-89 Unified Methods of Control of Main Materials (Semi-Finished Items), Welded Joints and Overlay Cladding of Equipment and Pipelines for Nuclear Power Facilities. Tightness testing. Gas- and liquid- involving methods | Construction & Operation | 1989 |
| 72 | PNAE G-7-030-91 Unified Methods of Control of Main Materials (Semi-Finished Items), Welded Joints and Overlay Cladding of Equipment and Pipelines for Nuclear Power Facilities. Ultrasonic Testing. Testing of welded joints and overlay cladding. | Construction & Operation | 1991 |
| 73 | PNAE G-7-031-91 Unified Methods of Control of Main Materials (Semi-Finished Items), Welded Joints and Overlay Cladding of Equipment and Pipelines for Nuclear Power Facilities. Ultrasonic Testing. Monometal, bimetal and corrosion-protection coating thickness measurement | Construction & Operation | 1991 |
| 74 | PNAE G-7-032-92 Unified Monitoring Control of Main Materials (Semi-Finished Items), Welded Joints and Hard-Facing of NPP Equipment and Pipelines. Ultrasonic Testing. Monitoring of Welded Joints from Austenite Class Steel (Part 4) | Construction & Operation | 1992 |
| 75 | PNAE G-10-007-89 Regulations on Design of Reinforced Concrete Structures in NPP Localization Safety Systems | Design | 1989 |
| 76 | PNAE G-10-012-89 Standards for Strength Computation of Steel Containments of Nuclear Power Plants | Operation | 1989 |

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| **Item** | **Title and designation** | **NPP Stages** | **Issue year** |
| 77 | NP-086-12 Codes for the Design and Safe Operation of Reactivity Control Actuators. | Operation | 2012 |
| 78 | NP-010-98 Rules for Arrangement and Operation of Nuclear Power Plant Localizing Safety Systems | Design & Operation | 1998 |
| 79 | NP-068-05 Pipeline Valves for Nuclear Power Plants. General specifications. | Design & Operation | 2005 |
| 80 | NP-044-03 Codes for the Design and Safe Operation of Pressure Vessels at Nuclear Power Facilities | Design & Operation | 2003 |
| 81 | NP-043-11 Federal Standards and Regulations in the field of Nuclear Energy Use. Rules of Arrangement and Safe Operation of Lifting Cranes for Nuclear Facilities | Design & Operation | 2011 |
| 82 | PiN AE 5.10-87. Foundations of reactor compartments of nuclear power plants | Engineering survey | 1987 |
| 83 | PiN AE-5.6 Standards of NPP construction designing for different types of reactors | General requirements | 1986 |
| 84 | NP-082-07 Nuclear Safety Rules for Reactor Installations of Nuclear Power Plants | General requirements | 2007 |
| 85 | NP-006-98 (PNAE G-01-036-95) Requirements to Contents of Safety Analysis Report of Nuclear Power Plant with VVER Reactors | General requirements | 1998 |
| 86 | PNAE G-14-038-96 Requirements to Safety Analysis Report of Radioactive Waste Storage Facilities with Respect to Accounting of External Impacts | Design | 1996 |
| 87 | NP-090-11 Requirements for Quality Assurance Program for Nuclear Facilities | General requirements | 2011 |
| 88 | PBYa-06-09-90 Nuclear Safety Rules for Storage and Transportation of Nuclear Hazardous Fission Materials | Operation | 1990 |
| 89 | PBYa-06-10-99 Rules for Design and Operation of Self-Sustaining Chain Reaction Emergency Alarm System and Arrangement of the Activities to Mitigate its Aftermath | Design | 1999 |
| 90 | NRP-93 Standards for Strength Computation of Transportation Packing Sets for Nuclear Fission Materials | Operation | 1993 |
| 91 | SPPNAE-93 (p. 4.2) Requirements to the Development of Feasibility Study for Construction of a Nuclear Power Plant. Regulation on the Order of Site Selection | Design | 1993 |

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| **Item** | **Title and designation** | **NPP Stages** | **Issue year** |
| 92 | ST GO AS-92 Sanitary Requirements to the Order of the Personnel Access into Containment During Operation of the NPP Unit with VVER-1000 | Operation | 1992 |
| 93 | RB-002-97 (RB G-12-43-97) Water Chemistry of Nuclear Power Plants. General Safety Requirements | Design & Operation | 1997 |
| 94 | RB-004-98 Requirements to Certification of NPP Safety Significant Control Systems | Operation | 1998 |
| 95 | RB 005-98 Requirements to Certification of Safety-Significant Civil Structures at Nuclear Facilities. | Construction | 1998 |
| 96 | RB-007-99 Accounting of Fast Neutron Fluence in VVER Vessels and Surveillance Specimens of VVER for Further Forecasting of the Vessel Radiation Lifetime | Operation | 1999 |
| 97 | RB-009-99 Methodology for Assessment of Physical Protection Vulnerability at Nuclear Materials and Nuclear Facilities | Operation | 1999 |
| 98 | RB-013-2000 Requirements to the NPP Unit Decommissioning Program | Decommissioning | 2000 |
| 99 | RB-018-01 Methodology of Neutron Monitoring at External Surface of the NPP Pressurized Water Reactor Vessels. | Operation | 2001 |
| 100 | RB-019-01 Evaluation of Seismic Hazards of Sites Intended for Nuclear and Radiation Hazardous Installations Based on Geodynamic Data | Engineering survey | 2001 |
| 101 | RB-020-01 Methodology for Assessment of Iodine Compound Atmospheric Releases During Accidents at VVER-1000 NPPs | Operation | 2001 |
| 102 | RB-023-02 Recommendations for Establishment of Acceptability Criteria for Storage and Disposal of the Conditioned Radioactive Waste | Operation | 2002 |
| 103 | RB-036-06 Monitoring of Geotechical conditions of Siting of Nuclear Fuel Cycle Facilities | Engineering survey | 2006 |
| 104 | RB-039-07 Ensuring of Safety in Transportation of Radioactive Materials (Reference material to the Rules of Ensuring of Safety in Transportation of Radioactive Materials, NP-053-04) | Operation | 2007 |
| 105 | RB-046-08 Monitoring of Meteorological and Aerological Conditions in Nuclear Facility Host Regions | Engineering survey | 2008 |

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| **Item** | **Title and designation** | **NPP Stages** | **Issue year** |
| 106 | RB-054-09 Regulation on Contents and Composition of the Radiation Safety Report at the Organizations Using Radionuclide Sources | Operation | 2009 |
| 107 | STO 1.1.1.01.0678-2007 Basic Rules for Ensuring Operation of Nuclear Power Plants | Design & Operation | 2007 |
| 108 | RTD 2730.300.02-91 Equipment and Pipelines of Nuclear Power Plants. Welding, Deposition and Thermal Treatment of Welded Joints, Parts made of Steels 10GN2MFA, 10GN2MFAL, 15Х2NMFA, 15Х2NMFA-А | Operation | 1991 |
| 109 | TPKME-20-96 General Program for Inspection of Metal Mechanical Properties in the Pipelines of VVER-1000 NPPs After 100,000 Hours of Operation | Operation | 1996 |
| 110 | RB-064-11 Regulation on Structure and Contents of Safety Analysis Report for radioactive sources. (Issued from 30.06.2011) | Construction | 2011 |
| 111 | Sanitary Rules for Industrial and Municipal Active Laundries for Decontamination of Overalls and other Personal Protective Equipment, 1989 (Approved by the Chief State Medical Officer of the USSR, A. I. KONDRUSEV, 29.12.1989 No 5163-89) | Operation | 1989 |
| 112 | NP 080-07 Main Requirements for Fuel Rods and Fuel Assemblies with Uranium-Plutonium (MOX) Fuel for Nuclear Power Plants | Design | 2007 |
| 113 | NP-017-2000 Basic Requirements for Nuclear Power Plant Unit Lifetime Extension | Operation | 2000 |
| 114 | NP-024-2000 Requirements for the Analysis of Potential Extension of the Assigned Service Life of Nuclear Facilities | Operation | 2000 |
| 115 | NP-072-06 Rules for Transferring Nuclear Materials to the Category of Radioactive Waste | Operation & Decommissioning | 2006 |
| 116 | SP 2.6.1.28-2000 Radiation Safety Rules at Nuclear Power Plant Operations (PRB AS-99). Ministry of Health of the Russian Federation, 1999. | Designing, Operation and Decommissioning | 2000 |
| 117 | RB-056-10 Regulations on Physical Inventory of Nuclear Materials | Operation | 2010 |
| 118 | RB-027-04 Structure and Content of Report on the Results of Comprehensive Examination of a Nuclear Unit for the Purpose of Its Lifetime Extension. | Operation | 2004 |

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| **Item** | **Title and designation** | **NPP Stages** | **Issue year** |
| 119 | RB-028-04 Analysis of Non-conformance of a Nuclear Power Plant Unit to the requirements of Existing Regulatory Documents. | Operation | 2004 |
| 120 | RB-029-04 Structure and Content of Materials for the Substantiation of Residual Lifetime of NPP Unit Elements for the Purpose of its Lifetime Extension. | Operation | 2004 |
| 121 | RB-030-04 Analysis of Operating Experience when Extending NPP Unit Lifetime | Operation | 2004 |
| 122 | RB-031-04 Structure and Content of the Safety Analysis Report for NPP Unit Decommissioning | Decommissioning | 2004 |
| 123 | RB-001-05 Recommendations on the Content of In-depth Safety Assessment Report for Operating Power Units of Nuclear Power Plants | Operation | 2005 |
| 124 | Interim rules for calculating the strength of VVER internals, 1993 (Approved by the USSR State Committee for Atomic Energy Use, 01.01.1993) (PNAE G-003-87) | Design | 1993 |
| 125 | Interim rules for calculating the strength of the elements of control and protection systems of water-moderated power reactors, Norms, 1993 (Approved by the USSR State Committee for Atomic Energy Use, 01.01.1993) | Design | 1993 |
| 126 | STK-5- 2005 Nuclear reactors. Organizational and technical procedure for development and launching into manufacture of cores and their constituent parts. | Construction | 2005 |
| 127 | М-ТPR-01-93. Methods of calculation of pipelines of nuclear power facilities within the framework of the "leak before break" concept: Moscow: ITsP MAE, 1993. | Construction & Operation | 1993 |
| 128 | ATPE-9-03. Standard program on operational monitoring of main metal condition and condition of welded joints of equipment and pipelines of nuclear power plants with VVER-1000 (with amendment No 1, 2 2007) | Operation | 2003 |
| 129 | The principal requirements to the instrumentation means of control of nuclear safety parameters, 1991 | Design | 1991 |
| 130 | ST EO-0644-2005. On the order of recruitment and and advance training of NPP personnel. Rosenergoatom | Operation | 2005 |

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| **Item** | **Title and designation** | **NPP Stages** | **Issue year** |
| 131 | Unified qualification reference book of positions held by managers, experts and employees. Section "Qualification characteristics of positions held by employees of nuclear energy companies" (Order of the Ministry of Health and Social Development of the Russian Federation dated December 10, 2009 No. 977 On the Approval of The Unified Skills Guide for positions of Managers, Specialists and Non-Manual Workers, Section "Job description of positions held by employees of the nuclear industry organizations") | Operation | 2001 |
| 132 | NP-083-07 Requirements for physical protection systems of nuclear materials, nuclear plants and nuclear material storage facilities | Design | 2007 |
| 133 | SanPin 2.6.1.07-03 Sanitary requirements for design of nuclear industry facilities and plants (SPP PUAP-03) | Design | 2003 |
| 134 | NP-081-07 Requirements for the setting up material balance areas. | Design | 2007 |
| 135 | Recommendations MI 2453-2000 Radiation monitoring techniques. | Design | 2000 |
| 136 | STO 1.1.1.03.002.0912-2012 Regulations on design of constructions sealed enclosures zone accident localization of nuclear power plants with dual containment | Design | 2012 |
| **Third countries laws and regulations** | | | |
| To be determined later | | | |
| **B. Standards** | | | |
| **1. Turkish National Standards** | | | |
| 1 | TS EN 60964 Nuclear power plants. Control rooms Design | Design | 2010 |
| 2 | TS EN 60965 Nuclear power plants. Equipment rooms. Additional control posts for reactor shutdown without access to the main control room | Design | 2011 |
| 3 | TS EN 60987 Nuclear power plants. Instrumentation and Control Systems important for safety. Hardware design requirements for computer-based systems | Design | 2010 |
| 4 | TS EN 61226 Nuclear power plants. Instrumentation and Control Systems important for safety. Classification of instrumentation and control functions | Design | 2010 |

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| **Item** | **Title and designation** | **NPP Stages** | **Issue year** |
| 5 | TS EN 62138 Nuclear power plants. Instrumentation and Control Systems important for safety. Software aspects for computer-based systems performing category B or C functions | Design | 2010 |
| **2. Standards of equipment and services vendor country** | | | |
| **International standards** | | | |
| 1 | IEC 60639 1979 Nuclear reactors Use of the protection system for non-safety purposes | Design | 1979 |
| 2 | IEC 60643 1979 Application of digital computers to nuclear reactor instrumentation and control | Design | 1979 |
| 3 | IEC 60709-2004 Nuclear power plants Instrumentation and Control Systems important for safety. Separation | Design | 2004 |
| 4 | IEC 60812 1985-07 Analysis technique for system reliability. Procedure for failure mode and effects analysis. | Design | 2007 |
| 5 | IEC 60860 1987 Warning equipment for criticality accidents | Design | 1987 |
| 6 | IEC 60960 1988 Functional design criteria for a safety parameter display system for nuclear power plants | Design | 1988 |
| 7 | IEC 61025 1990-10 Fault Tree Analysis | Design | 1990 |
| 8 | IEC 61500 1996 Nuclear Power Plants. Instrumentation and Control Systems important for safety.  Functional requirements for a multiplexed data transmission | Design | 1996 |
| 9 | IEC 61508-1,2,4 1998 / 2000 Functional safety of electrical (electronic) programmable electronic safety-related systems Part 1. General requirements Part 2 Requirement for electrical (electronic) programmable safety-related systems. Part 4. Definitions and abbreviations | Design | 1998 |
| 10 | IEC 61513-2011 Nuclear power plants Instrumentation and Control Systems important for safety. General requirements | Design | 2011 |
| 11 | IEC 60605 1978 Equipment reliability testing. Part 1: General requirements | Design | 1978 |
| A12 | IEC 60671 1980-01 Periodic tests and monitoring of the protection system of a nuclear reactor | Design | 1980 |
| 13 | IEC 60780 1998-10 Nuclear Power Plants. Electrical equipment of the safety system. Qualification | Design | 1998 |

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| **Item** | **Title and designation** | **NPP Stages** | **Issue year** |
| 14 | EN / IEC 61000-4 1995 - 02 Electromagnetic Compatibility | Design | 1995 |
| 15 | ISO 9001:2008 Quality management systems. Requirements | Design | 2008 |
| 16 | ISO 10007:2003 Quality management systems. Guidelines for configuration management | Design | 2003 |
| 17 | ISO 9000:2005 Quality Management Systems – Fundamentals and Vocabulary | Design | 2005 |
| 18 | IEC 60980 1989-06 Recommended practices for seismic qualification of electrical equipment of the NPP safety systems | Design | 1989 |
| 19 | IEC 60880 1986-09 Software for computers in the safety systems of nuclear power plants | Design | 1986 |
| 20 | IEC 60880-2 2000-12 computer software in safety-related systems of nuclear power plants | Design | 2000 |
| 21 | IEC 61131 Programmable Controllers | Design | 1992 |
| 22 | IEC 61326 2002-02, Electrical equipment for measurements, control and laboratory use. | Design | 2002 |
| 23 | EN 1990 Basis of design | Design | 1990 |
| 24 | EN 1991 Eurocode 1: Actions on structures. | Design | 1991 |
| 25 | EN 1992 Eurocode 2: Design of concrete structures | Design | 1992 |
| 26 | EN 1993 Eurocode 3: Design of steel structures | Design | 1993 |
| 27 | EN 1994 Eurocode 4: Design of composite steel and concrete structures | Design | 1994 |
| 28 | EN 1996 Eurocode 6: Design of masonry structures | Design | 1996 |
| 29 | EN 1997 Eurocode 7: Geotechnical design | Design | 1997 |
| 30 | EN 1997 Eurocode 7: Design of structures for earthquake resistance | Design | 1997 |
| 31 | IEC 61869-1(2007) Instrument transformers. Part 1. General requirements | Design | 2013 |
| 32 | IEC 61869-2(2012) Instrument transformers. Part 2. Additional requirements for current transformers. | Design | 2013 |

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| **Item** | **Title and designation** | **NPP Stages** | **Issue year** |
| 33 | IEC 61869-3(2011) Instrument transformers. Part  3. Additional requirements for inductive voltage transformers | Design | 2008 |
| 34 | IEC 61869-4(2013) Instrument transformers. Part  4. Additional requirements for combined transformers | Design | 2002 |
| 35 | IEC 60214- (2004) Tap-changers. Part 2. Application guide | Design | 1976 |
| 36 | IEC 61771:1995 Nuclear power plants. Main control rooms. Verification and Validation | Design | 1995 |
| 37 | IEC 61839:2000 Nuclear power plants. Design of control rooms. Functional analysis and assignment | Design | 2000 |
| 38 | IEEE 387-1995 (R 2001) Unified IEEE Technical Requirements for diesel generator units used as sources of standby power supply at nuclear power plants. | Design | 1995 |
| 39 | IEEE Std 317-1983(R2013). IEEE standard for electric penetration assemblies in containment structures for nuclear power generating stations | Design | 2013 |
| 40 | Calculation of decay heat power in nuclear fuels of light-water reactors MS ISO 10645-92 (International Organization for Standardization) | Design | 1992 |
| 41 | IEC 60034-5-2006 Ed 4.1 Rotating electrical machines – Part 5: Degrees of protection provided by the integral design of rotating electrical machines (IP code) - Classification. | Design | 2006 |
| **1** | **Russian National Standards** |  |  |
| 1 | GOST 26291-84 Reliability of Nuclear Power Plants and Their Equipment. General Provisions and Indicators Nomenclature (as amended 1987, 1990) | Design | 1984 |
| 2 | GOST R 51102-97 Decontaminable Protective Polymeric Coatings. General Technical Requirements | Design | 1997 |
| 3 | GOST 14254-96 Degrees of Protection Provided by Enclosures (IP code) | Design | 1996 |
| 4 | GOST 17137-87 Monitoring, Control and Protection Systems of Nuclear Reactors. Terms and Definitions | Design | 1987 |

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| **Item** | **Title and designation** | **NPP Stages** | **Issue year** |
| 5 | Equipment for Monitoring Fuel Element Ruptures in Nuclear Reactors of Nuclear Power Plants. General Technical Requirements and Test Methods | Design | 1981 |
| 6 | GOST 17516.1-90 Electrical Products. General Requirements for Resistance to External Mechanical Impacts | Design | 1990 |
| 7 | GOST 23765-79 Equipment for Radiation Safety Monitoring at Nuclear Power Plants. General Technical Requirements to the Data Transmission Channel | Design | 1979 |
| 8 | GOST 26344.0-84. Nuclear Instrumentation for Nuclear Power Plants Main principles | Design | 1984 |
| 9 | GOST 26635-85 Nuclear Power Vessel-Encapsulated Pressurized Water Reactors. General Requirements to in-Core Monitoring System. | Design | 1985 |
| 10 | GOST R 54257-2010 Reliability of Civil Structures and Foundations. Вasic Provisions and Requirements | Design | 2010 |
| 11 | GOST 27445-87 Neutron Flux Monitoring System for Protection and Control of Nuclear Reactors. General Technical Requirements | Design | 1987 |
| A12 | GOSТ 27451-87 Measurement Instrumentation for Ionizing Radiation. General Specifications | Design | 1987 |
| 13 | GOST 27452-87 Equipment for Radiation Safety Monitoring at Nuclear Power Plants. General Technical Requirements | Design | 1987 |
| 14 | GOST 28195-89 Software Quality Assessment General Provisions | Design | 1989 |
| 15 | GOST 29075-91 Nuclear Instrumentation System for Nuclear Power Plants. General requirements | Design | 1991 |
| 16 | OTT 08042462 Instrumentation and Automation Tools for Nuclear Power Plants. General Technical Requirements (Minpribor of the USSR, 06.11.1985 ) | Design | 1985 |
| 17 | Requirements (ОТТ) 1988. Computer Hardware for Nuclear Power Plants. General specifications. | Design | 1988 |

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| **Item** | **Title and designation** | **NPP Stages** | **Issue year** |
| 18 | TI-1L-84 Standard Instruction for Carrying out Local Tests of Penetrations, Stop Valves of Process Systems, Lock Hatches, and Other Sealing Equipment Pertaining to Accident Localization Systems at NPPs with VVER-1000 Reactors  Note: the pipeline and its elements may be used both in safety-related and non-safety-related systems. Thus, depending on system relation to safety, the corresponding codes for welds production and codes for welds inspection and codes for piping strength analysis are used. | Operation | 1984 |
| 19 | GOST 34.603-92 Kinds of Tests of Automated Systems | Construction | 1992 |
| 20 | GOST 9.401-91 Varnish and Paint Coatings. General Requirements and Methods of Quick Tests on Climatic Factors Effects Endurance | Construction | 1991 |
| 21 | GOST 9.402-2004 Varnish and Paint coatings. Metal Surfaces Preparation for Painting | Construction | 2004 |
| 22 | GOST 12.3.016-87 Anticorrosive Works. Safety Requirements | Design & Construction | 1987 |
| 23 | GOST 21.501-2011 Design Documentation System for Construction. Rules of Draw-up of Detailed Documentation on Architectural and Structural Concepts. | Design | 2011 |
| 24 | GOST R 21.1101-2013 System of Design Documents for Construction. Main Requirements for Design and Detailed Documentation | Design | 2013 |
| 25 | GOST R 15.201-2000 Procedure of Product Development and Launching into Manufacture | Construction | 2000 |
| 26 | GOST 15.005-86, rev. 1, 2, 3 Making of Products of Individual and Small-Serial Production | Construction | 1986 |
| 27 | GOST 4.472-87 Water Treatment Equipment for Power Boilers and Industrial Enterprises Boilers | Construction | 1987 |
| 28 | GOST 2.601-2013 Unified System for Design Documentation. Exploitative Documents | Design | 2013 |
| 29 | GOST 29074-91 Equipment for Monitoring Radiation Environment. General requirements | Operation | 1991 |
| 30 | GOST 8.377-80 State System for Ensuring the Uniformity of Measurements. Soft-Magnetic Materials. Measuring Methods of Static Magnetic Characteristics Determination | Operation | 1980 |

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| **Item** | **Title and designation** | **NPP Stages** | **Issue year** |
| 31 | GOST 26843-86 Nuclear Power Reactors. General Requirements for Control and Protection System | Operation | 1986 |
| 32 | GOSТ R 27.002-2009 Dependability in Technics. Terms and Definitions | Operation | 2009 |
| 33 | GOST R 8.563-2009 State System for Ensuring the Uniformity of Measurements. Procedures of Measurements | Design & Operation | 2009 |
| 34 | GOST 9.014-78 Unified System of Corrosion and Ageing Protection. Temporary Corrosion Protection of Products. General requirements | Operation | 1978 |
| 35 | GOST 12.3.019-80 Occupational Safety Standards System. Electrical Tests and Measurements. General Safety Requirements | Operation | 1980 |
| 36 | GOSТ 27.003-90 Industrial Product Dependability. Dependability requirements: Contents and General Rules for Specifying | Operation | 1990 |
| 37 | GOST 15150-69 Machines, Instruments and Other Technical Items. Modifications for Different Climatic Regions. Categories, Operating, Storage and Transportation Conditions as to Environment Climatic Aspects Influence | Design & Operation | 1969 |
| 38 | GOST 25100-2011 Soils. Classification | Engineering survey | 2011 |
| 39 | GOST 12071-2000 Soils. Selection, Packing, Transportation and Storage of Samples | Engineering survey | 2000 |
| 40 | GOST 12248-2010 Soils. Laboratory Methods for Determining the Strength and Strain Characteristics | Engineering survey | 2010 |
| 41 | GOST 19912-2012 Soils. Field Test Methods: Cone Penetration Test and Dynamic Probing | Engineering survey | 2012 |
| 42 | GOST 20276-2012 Soils. Field Test Methods for Determining the Strength and Strain Characteristics | Engineering survey | 2012 |
| 43 | GOST 20522-2012 Soils. Methods of Statistical Treatment of Test Results | Engineering survey | 2012 |
| 44 | GOST 21.302-96 System of Design Documents for Construction. Graphic Symbols for Engineering Geological Investigation Documents | Engineering survey | 1996 |
| 45 | GOST 21153.2-84 Rocks. Test Methods for Uniaxial Compressive Strength (Amendment No. 1 1986) | Engineering survey | 1984 |
| 46 | GOST 21153.5-88 Rocks. Method for the determination of cut strength limit | Engineering survey | 1988 |
| 47 | GOST 23061-2012 Soils Methods for radioisotope measurement of density and humidity | Engineering survey | 2012 |

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| **Item** | **Title and designation** | **NPP Stages** | **Issue year** |
| 48 | GOST 23161-2012 Soils. Method of laboratory determination of subsiding characteristics | Engineering survey | 2012 |
| 49 | GOST 23740-79 Soils. Methods of laboratory determination of organic composition | Engineering survey | 1979 |
| 50 | 24846-2012 Soils. Methods of measuring the strains of structure and building bases | Engineering survey | 2012 |
| 51 | GOST 24849-81 Drinking water. Field methods of sanitary and microbiological analysis | Engineering survey | 1981 |
| 52 | GOST 24902-81\*(1988) Household and potable water. General requirements for field methods of analysis . | Engineering survey | 1981 |
| 53 | GOST 25260-82\* Rocks. Field test method by penetration logging | Engineering survey | 1982 |
| 54 | GOST 5180-84. Soils. Laboratory methods for determination of physical characteristics | Engineering survey | 1984 |
| 55 | GOST R 51593-2000 Potable water. Sampling. | Engineering survey | 2000 |
| 56 | GOST 12536-79 Soils. Methods of laboratory granulometric (grain-size) and microaggregate distribution | Engineering survey | 1979 |
| 57 | GOST 17.1.5.01-80 Nature protection. Hydrosphere. General requirements for sampling of bottom sediments of water objects for their pollution analysis | Design | 1980 |
| 58 | GOST 17.1.5.05-85 Nature protection. Hydrosphere. General requirements for surface and sea waters, ice and atmospheric precipitation sampling | Design | 1985 |
| 59 | GOST 17.4.4.02-84 Nature protection. Soils. Methods for sampling and preparation of soil for chemical, bacteriological, helmintological analysis | Design | 1984 |
| 60 | GOST 17.2.3.01-86 Nature protection. Atmosphere. Air quality control regulations for populated areas | Engineering survey | 1986 |
| 61 | GOST 17.2.1.03-84 Nature protection. Atmosphere. Terms and definitions for air pollution control | Engineering survey | 1984 |
| 62 | GOST 17.2.4.02-81 Nature protection. Atmosphere. General requirements for determination of pollutants | Engineering survey | 1981 |
| 63 | GOST 17.2.6.02-85 Nature protection. Atmosphere. Automatic gas analysers for air pollution monitoring. General Technical Requirements | Engineering survey | 1985 |
| 64 | GOST R 22.6.01-95 Safety in emergencies. Monitoring and forecasting. Main principles | Engineering survey | 1995 |

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| **Item** | **Title and designation** | **NPP Stages** | **Issue year** |
| 65 | GOST R 22.1.02-95 Safety in emergencies. Monitoring and forecasting. Terms and Definitions | Engineering survey | 1995 |
| 66 | GOST 12730.5-84 Concretes. Methods for determination of watertightness | Design & Construction | 1984 |
| 67 | GOST 10060-2012 Concretes. Methods for determination of frost-resistance. | Design & Construction | 2012 |
| 68 | GOST 9128-2009 Asphaltic concrete mixtures for roads, aerodromes and asphaltic concrete. Specifications. | Design & Construction | 2009 |
| 69 | GOST 2.105-95 Unified system for design documentation. General requirements for textual documents | Design | 1995 |
| 70 | GOST 2.503-2013 Unified system of design documentation. Rules of making modifications | Engineering survey | 2013 |
| 71 | GOST 2.312-72 Unified system for design documentation. Symbolic designations and representations of welds and welded joints | Design | 1972 |
| 72 | GOST 9.602-2005 Unified system of corrosion and ageing protection. Underground constructions. General requirements for corrosion protection | Engineering survey | 2005 |
| 73 | GOST 12.1.030-81 Occupational safety standards system. Electric safety. Protective conductive earth, neutralling | Design | 1981 |
| 74 | GOST 12.2.003-91 Occupational Safety Sstandards System. Industrial Equipment. General Safety Requirements | Design | 1991 |
| 75 | GOST 12.2.007.0-75 O Electrical equipment. General Safety Requirements | Design | 1991 |
| 76 | GOST 21.110-95 System of building design documents. Rules of developing specifications for equipment, products and materials | Design | 1995 |
| 77 | GOST 21.204-93 System of building design documents. Graphical symbols and signs of elements of general layouts and transport | Design | 1993 |
| 78 | GOST 21.608-84 System of design documents for construction. Execution rules of design and detailed documents for metal structures | Design | 2007 |
| 79 | GOST 21.508-93 System of building design documents. Rules of fulfilment of working documentation of general layouts of enterprises, buildings and civil housing objects | Design | 1993 |
| 80 | GOST 380-2005 Common quality carbon steel. Grades | Design | 2005 |

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| **Item** | **Title and designation** | **NPP Stages** | **Issue year** |
| 81 | GOST 492-2006 Nickel, nickel and copper-nickel alloys treated by pressure.  Grades | Design | 2006 |
| 82 | GOST 6235-91 Strips and ribbons of nickel.  Specifications | Design | 1991 |
| 83 | GOST 9454—78 Metals. Method for testing the impact strength at low, room and high temperature | Design | 1978 |
| 84 | GOST R 54808-2011 Pipeline valves. Leakage rates of valves | Design | 2011 |
| 85 | GOST R 50088-92 Water-moderated water-cooled power reactors (VVER) General requirements for performing neutron physical calculations | Design | 1992 |
| 86 | GOST R 50753-95 Cylindrical helical compression (extension) springs made of special steels and alloys. General Specifications | Design | 1995 |
| 87 | GOST R 51318.22-99 Electromagnetic compatibility of technical equipment. Man-made radio disturbance from information technology equipment. Limits and test methods | Design | 1999 |
| 88 | GOST R 51321.1-2007 Low-voltage switchgear and control gear assemblies. Part 1. Type-tested and partially type-tested tested assemblies. General Technical Requirements and Test Methods | Design | 2007 |
| 89 | GOST R 52287-2004 Electrical penetration in containment structures for nuclear power generating stations | Design | 2004 |
| 90 | GOST 1497—84 (ISO 6892—84) Metals. Methods  of tension test | Design | 1984 |
| 91 | GOST 2590-2006. Round hot-rolled steel bars. Dimensions | Design | 2006 |
| 92 | GOST 2678-94 Rolled roofing and waterproof materials. Methods of Testing | Design | 1994 |
| 93 | GOST 2789-73 Surface roughness. Parameters and characteristics | Design | 1973 |
| 94 | GOST 3242-79 Welded joints. Quality control methods | Design | 1979 |
| 95 | GOST 3262-75 Water-supply and gas-supply steel pipes. Specifications | Design | 1975 |
| 96 | GOST 3760-79 Reagents. Aqueous ammonia. Specifications | Design | 1978 |

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| **Item** | **Title and designation** | **NPP Stages** | **Issue year** |
| 97 | GOST 5632-72 High-alloy steels аnd corrosion-рrооf, heat-resisting and heat treated alloys. Grades and technical requirements. | Design | 1972 |
| 98 | GOST 5781-82 Hot-rolled steel for the reinforcement of ferroconcrete structures. Specifications | Design | 1982 |
| 99 | GOST 6665-91 Concrete and reinforced concrete curbs.  Specifications | Design | 1991 |
| 100 | GOST 6727-80 Cold-drawn low-carbon steel wire for reinforced concrete. Specifications | Design | 1980 |
| 101 | GOST 6996-66 Welded joints. Method of mechanical properties determination | Design | 1966 |
| 102 | GOST R 51685-2000 Railway rails. General Specifications | Design | 2000 |
| 103 | GOST 7338-90 Rubber and rubber-fabric sheets. Specifications | Design | 1990 |
| 104 | GOST 7350-77 Plate steel, corrosion-resistant,  heat-resistant and high-temperature.  Specifications | Design | 1977 |
| 105 | GOST 7512-82 Nondestructive testing. Welding joints. Radiography method | Design | 1982 |
| 106 | GOST 8239-89 Hot-rolled steel flange beams. Dimensions | Design | 1989 |
| 107 | GOST 8240-97 Hot-rolled steel channels. Dimensions | Design | 1997 |
| 108 | GOST 8267-93 Crushed stone and gravel of solid rocks for construction. Specifications | Design | 1993 |
| 109 | GOST 8269.0−97 Mountainous rock road-metal and gravel, industrial waste products for construction works. Methods of physical and mechanical tests | Design | 1997 |
| 110 | GOST 8509-93 Hot-rolled steel equal-leg angles. Dimensions | Design | 1993 |
| 111 | GOST 8510-86 Hot-rolled steel unequal-leg angles. Dimensions | Design | 1986 |
| 112 | GOST 8732-78 Seamless hot-deformed steel pipes. Dimensions | Design | 1978 |
| 113 | GOST 8736-93 Sand for construction works. Specifications | Design | 1993 |
| 114 | GOST 9466-75 Covered metal electrodes for manual arc welding of steels and deposition. Classification and general specifications | Design | 1975 |

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| **Item** | **Title and designation** | **NPP Stages** | **Issue year** |
| 115 | GOST 9467-75 Metal covered electrodes for manual arc welding of structural and heat-resistant steels. Types | Design | 1975 |
| 116 | GOST 10052-75 Metal covered electrodes for manual arc welding of high-alloyed steels with special properties. Types | Design | 1975 |
| 117 | GOST 10434-82 Electric contact connections. Classification. General specifications. | Design | 1982 |
| 118 | GOST 10704-91 Electrically welded steel line-weld tubes. Dimensions | Design | 1991 |
| 119 | GOST 10705–80 Electrically welded steel tubes. Specifications | Design | 1980 |
| 120 | GOST 10706-76 Electrically welded steel line-weld tubes Technical Requirements | Design | 1976 |
| 121 | GOST 10922-2012 Welded reinforcing products and inserts, welded, lap and mechanical joints for reinforced concrete structures. General Specifications | Design | 2012 |
| 122 | GOST 14098-91 Welded joints of reinforcement and inserts for reinforced concrete structures. Types, constructions and dimensions | Design | 1991 |
| 123 | GOST 14782-86 Non-destructive testing. Welding joints. Ultrasonic methods | Design | 1986 |
| 124 | GOST 14918-80 Continuously galvanized sheet steel. Specifications | Design | 1980 |
| 125 | GOST R 52776-2007 Rotating electrical machines. Rating and performance | Design | 2007 |
| 126 | GOST 18442-80 Non-destructive testing. Capillary methods. General requirements | Design | 1980 |
| 127 | GOST 19807-91 Wrought titanium and titanium alloys. Grades | Design | 1991 |
| 128 | GOST 19903-74 Hot-rolled steel sheets. Dimensions | Design | 1974 |
| 129 | GOST 19904-90 Cold-rolled steel sheets. Dimensions | Design | 1990 |
| 130 | GOST 20397-82 Technical facilities for minicomputers. General technical requirements, acceptance, methods of testing, marking, packaging, transportation and storage, manufacturer's warranty | Design | 1982 |
| 131 | GOST 22727–88 Rolled sheet. Ultrasonic test methods. | Design | 1988 |

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| **Item** | **Title and designation** | **NPP Stages** | **Issue year** |
| 132 | GOST 23118-2012 Building steel structures. General Specifications | Design | 2012 |
| 133 | GOST 23120-78 Steel flights of steps, stair landings and railings. Specifications | Design | 1978 |
| 134 | GOST 23279-2012 Welded reinforcing meshes for reinforced concrete structures and products. General Specifications | Design | 2012 |
| 135 | GOST 23304-78 Boits, studs, nuts and washers for flanged connections for atomic power plants. Technical requirements. Acceptance. Test methods. Marking, packing, transportation and storage | Design | 1978 |
| 136 | GOST 25.506—85 Design, calculation and strength testing. Methods of mechanical testing of metals. Determination of fracture toughness characteristics under the static loading | Design | 1985 |
| 137 | GOST 27384-2002 Water. Rates of measurement error of characteristics of composition and properties | Design | 2002 |
| 138 | GOST 34.003-90 Information technology. Set of standards for automated systems.  Automated systems. Terms and Definitions | Design | 1990 |
| 139 | GOST 34.201-89 Information technology. Set of standards for automated systems. Types, sets and indication of documents for automated systems development. | Design | 1989 |
| 140 | GOSТ 34.602-89 – Information technology. Set of standards for automated systems. Technical directions for automated system making | Design | 1989 |
| 141 | GOST 23732-2011 Water for concretes and mortars. Specifications | Design | 2011 |
| 142 | GOST 24452-80 Concretes. Methods of prismatic, compressive strength, modulus of elasticity and Poisson's ratio determination | Design | 1980 |
| 143 | GOST 25192-2012 Concretes. Classification and general technical requirements. | Design | 2012 |
| 144 | GOST 25820-2000 Lightweight aggregates concretes. Specifications | Design | 2000 |
| 145 | GOST 26633-2012 Heavy-weight and sand concretes. Specifications | Design | 2012 |
| 146 | GOST 30515-97 Cements. General Specifications | Design | 1997 |
| 147 | GOST R 8.563-2009 State system for ensuring the uniformity of measurements. Procedures (methods) of measurements | Design | 2009 |

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| **Item** | **Title and designation** | **NPP Stages** | **Issue year** |
| 148 | GOST R 8.565-96 State system for ensuring the uniformity of measurements. Metrological ensuring of atomic power stations exploitation Main principles | Design | 1996 |
| 149 | GOST R 8.596-2002 State system for ensuring the uniformity of measurements. Metrological assurance for measuring systems. Main principles | Design | 2002 |
| 150 | GOST R IEC 60073-2000 Basic and safety principles for man-machine interface. Marking and identification. Coding principles for indication devices and actuators Information encoding regulations | Design | 2000 |
| 151 | GOST 32137-2013 Electromagnetic compatibility of technical equipment. Technical equipment for nuclear power plants. Requirements and test methods | Design | 2013 |
| 152 | GOST 18105-2010 Concretes. Rules for control and assessment of strength | Design | 2010 |
| 153 | GOST R 52544-2006 Weldable deformed reinforcing rolled products of A500C and B500C classes for the reinforcement of concrete constructions. Specifications | Design | 2006 |
| 154 | GOST 5264-80 Manual arc welding. Welding joints. Main types, design elements and dimensions | Design | 1980 |
| 155 | GOST 21.205-93 System of design documents for construction. Elements of sanitary engineering systems - symbols | Design | 1993 |
| 156 | GOST 21.601-2011 System of design documents for construction. Rules for the execution of working documents of internal water and sewerage systems | Design | 2011 |
| 157 | GOST 21.704-2011 System of design documents for construction. Rules for the execution of working documentation of outside networks of water supply and sewerage | Design | 2011 |
| 158 | GOST 16037-80 Welded joints in steel pipelines. Main types, design elements and dimensions | Design | 1980 |
| 159 | GOST R 50996-96 Соllесtion, stоrаge, treatment and burial of radioactive waste. Terms and definitions | Design | 1996 |
| 160 | GOST R 51883-2002 Cemented radioactive waste. General technical requirements | Design | 2002 |
| 161 | OST 10 070-95 Industrial Standard. Soils. Procedure for determining strontium-90 in the soils of agricultural lands | Design | 1995 |

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| **Item** | **Title and designation** | **NPP Stages** | **Issue year** |
| 162 | OST 10 071-95 Industrial Standard. Soils. Procedure for determining cesium-137 in the soils of agricultural lands | Design | 1995 |
| 163 | OST 10 179-96 Industrial Branch Standard. Defining of Cesium-134, -137 in the products of plant growing and feeding stuff | Design | 1996 |
| 164 | OST 6 40-76 - OST 46 52-76 Methods of agrochemical soil analysis | Design | 1976 |
| 165 | OST 95.503 -2006 Welded and soldered joints for the active zones of nuclear reactors. General Technical Requirements | Design | 2006 |
| 166 | OST 95 10517-95 Solid radioactive wastes storage facilities. General requirements | Design | 1995 |
| 167 | OST 108.109.01-92. Semi-manufactured articles of housing parts from corrosion-resistant steels of austenite class.  Specifications | Design | 1992 |
| 168 | MU 1.2.2.05.0057-2011 Design of steel sealing lining for reinforced concrete structures of of NPP buildings. | Design | 2011 |
| 169 | STO 1.1.1.01.005.0841-2010 General requirements for the scope of radiation monitoring in the radiation monitoring systems of nuclear power plants | Design | 2010 |
| 170 | STO 1.1.1.01.007.0281-2010 Control of life characteristics of the power unit elements of nuclear power plants | Design | 2010 |
| 171 | STO 1.1.1.03.003.0911-2012 Concretes for NPP civil structures and radiation protection | Design | 2012 |
| 172 | GOST 24297-87 Incoming inspection of products. Key provisions | Design | 1987 |
| 173 | GOST 21.201-2011 Symbol graphics elements of buildings, works and structures | Design | 2011 |
| 174 | GOST 21779-82 System for ensuring the accuracy of geometrical parameters in civil engineering.  Technological toleranses. | Design | 1982 |
| 175 | GOST 14771-76. Gas-shielded arc welding. Welding joints. Main types, design elements and dimensions | Design | 1976 |
| 176 | GOST R 52086-2003. Formworks | Design | 2003 |
| 177 | GOST 27772-88 Structural steel structures rolled products. General Specifications | Design | 1988 |
| 178 | GOST 8568-77 Corrugated sheet rhombic and lentil form steel. Specifications | Design | 1977 |

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| **Item** | **Title and designation** | **NPP Stages** | **Issue year** |
| 179 | GOST R 52643-2006 High-strength screws and nuts and washers for metal structures. General specifications. | Design | 2006 |
| 180 | GOST 14637–89 Rolled plate from carbon steel of general quality. Specifications | Design | 1989 |
| 181 | GOST 19281-89 Rolled steel with increased strength. General Specifications | Design | 1989 |
| 182 | GOST 1050-88 Carbon structural quality steel gauged bars with special surface finish. General Specifications | Design | 1988 |
| 183 | GOST 3282-74 General purpose low carbon steel wire Specifications | Design | 1974 |
| 184 | GOST R 55265.2-2012 Mechanical vibration. Evaluation of machine vibration by measurements on non-rotating parts. Part 2. Land-based steam turbines and generators in excess of 50 MW with normal operating speeds of 1500 r/min, 1800 r/min, 3000 r/min and 3600 r/min | Design | 2012 |
| 185 | GOST 27165-97 Large land-based steam turbine-generator sets. Evaluation of machine vibration by measurement on rotating shafts and general requirements for the measurement of vibration. | Design | 1997 |
| 186 | GOST 53307-2009 Elements of building constructions. Fire doors and gates. Fire resistance test method | Design | 2009 |
| 187 | GOST 30247.3-2002 Building structures. Fire-resistance test methods. Elevator shaft doors | Design | 2002 |
| 188 | GOST 25804.1-83 Atomic power station technological processes control system equipment. General principles | Design | 1983 |
| 189 | GOST 25804.2-83  Atomic power station technological processes control system equipment. Reliability requirements | Design | 1983 |
| 190 | GOST 25804.3-83 Atomic power station technological processes control system equipment. Durability, endurance, resistance requirements for outer impacts. | Design | 1983 |

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| **Item** | **Title and designation** | **NPP Stages** | **Issue year** |
| 191 | GOST 25804.4-83 Atomic power station technological processes control system equipment. General design-constructional requirements | Design | 1983 |
| 192 | GOST 25804.5-83 Atomic power station technological processes control system equipment. General rules of conducting test specimens and serial items test and acceptance | Design | 1983 |
| 193 | GOST 25804.6-83 Atomic power station technological processes control system equipment. Evaluation methods of meeting reliability requirements | Design | 1983 |
| 194 | GOST 25804.7-83 Atomic power station technological processes control system equipment. Evaluation methods of meeting durability, endurance and resistance requirements for highest influential factors | Design | 1983 |
| 195 | GOST 25804.8-83 Atomic power station technological processes control system equipment. Evaluation methods of meeting general design-constructional requirements | Design | 1983 |
| 196 | GOST 30247.1-94 Elements of building constructions. Fire-resistance test methods. Loadbearing and separating constructions | Design | 1994 |
| 197 | GOST 30247.0-94 Elements of building constructions. Fire-resistance test methods. General requirements. | Design | 1994 |
| 198 | GOST 6134-2007 Rotodynamic pumps. Test methods. | Design | 2007 |
| 199 | GOST 12.1.005-88 General sanitary requirements for working zone air. | Design | 1988 |
| 200 | GOST 12.1.004-91 Fire safety. General requirements. | Design | 1991 |
| 201 | GOST 27331-87 Fire engineering. Classification of fires (CEA ST 5637-86) | Design | 1987 |
| 202 | GOST 17433-80 Industries purity. Compressed air. Grades of contamination (CEA ST 1704-79) | Design | 1980 |
| 203 | GOST 305-82 Diesel fuel. Specifications. | Design | 1982 |
| 204 | GOST 23170-78. Packing for products of engineering industry. General requirements. | Design | 1978 |

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| **Item** | **Title and designation** | **NPP Stages** | **Issue year** |
| 205 | GOST R 51043-2002 Automatic water and foam fire fighting systems. Sprinklers. General specifications. Test methods. | Design | 2002 |
| 206 | GOST R 50969-96. Automatic gas fire extinguishing systems. General specifications. Test methods. | Design | 1996 |
| 207 | GOST 24277-91 Stationary steam turbines for nuclear power plants. General specifications. | Design | 1991 |
| 208 | GOST R 8.594-2002 The metrological ensuring of radiation control. General principles | Design | 2002 |
| 209 | GOST R 8.417-2002 State system for ensuring the uniformity of measurements. Units of quantities. | Design | 2002 |
| 210 | GOST R 52735-2007 Short circuits in electrical installations. Calculation methods in alternating current electrical installations with voltage above 1 kV | Design | 2007 |
| 211 | GOST R 52736-2007 Short circuits in electrical installations. Calculation methods of electrodynamics and thermal effects of short-circuit current | Design | 2007 |
| 212 | GOST 28249-93. Short-circuits in electrical installations. Calculation methods in AC electrical installations with voltage below 1 kV | Design | 1993 |
| 213 | GOST R IEC 61225-2011 (IEC 61225:2005) Nuclear  Power Plants. Instrumentation and Control Systems important for safety. Requirements for power supply | Design | 2011 |
| 214 | GOST 31565-2012. Cable products. Fire safety requirements | Design | 2012 |
| 215 | GOST 30011.1-2012 (IEC 60947-1:2004) Low-voltage  switchgear and control gear. Part 1. General requirements | Design | 2012 |
| 216 | GOST 30011.7.1-2012 Low-voltage switchgear and controlgear. Part 7. Ancillary electrical equipment. Section 1. Terminal blocks for copper conductors | Design | 2012 |
| 217 | GOST 30011.7.2-2012 Low-voltage switchgear and controlgear. Part 7. Ancillary electrical equipment. Section 2. Protective conductor terminal blocks for copper conductors | Design | 2012 |
| 218 | GOST 15.309-98 Tests and acceptance of produced goods. Principal provisions | Design | 1998 |

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| **Item** | **Title and designation** | **NPP Stages** | **Issue year** |
| 219 | GOST R IEC 61140-2000 Protection against electric shock. Provisions for safety ensured by electrical equipment and electrical installations n thier interconnection | Design | 2000 |
| 220 | GOST R IEC 60536-2-2001 Classification of electrical and electronic equipment with regard to protection against electric shock. Part  2. Guidelines to requirements for protection against electric shock | Design | 2001 |
| 221 | GOST 15543.1-89 Electrical and other industrial products. General requirements for resistance to environment climatic factors | Design | 1989 |
| 222 | GOST 16962.1-89 Electrical articles. Test methods as to environment climatic factors resistance | Design | 1989 |
| 223 | GOST 16962.2-90 Electrical articles. Test methods as to environment mechanical factors stability | Design | 1990 |
| 224 | GOST 16962-71 Electronic and electrical equipment. Mechanical and climatic influence. Requirements and test methods | Design | 1971 |
| 225 | GOST 23216-78 Electrotechnical products. Storage, transportation, temporary corrosion protection and packing. General requirements and test methods | Design | 1978 |
| 226 | GOST 533-2000 Rotating electrical machinery. Turbo-generators. General specifications. | Design | 2000 |
| 227 | GOST 21558-2000 Excitation system for turbogenerators, hydrogenerators and synchronous condensers General Specifications | Design | 2000 |
| 228 | GOST 9630-80 Three-phase asynchronous motors of voltage over 1000 V. General Specifications | Design | 1980 |
| 229 | GOST R 50034-92 Electromagnetic compatibility of hardware. Asynchronous motors of voltage about 1000 В. Limits and test methods on immunity to electromagnetic disturbance | Design | 1992 |
| 230 | GOST R 53148-2008 Rotating electrical machines. Noise limits | Design | 2008 |
| 231 | GOST 21130-75 Electrical items. Grounding clamps and grounding signs. Design and dimensions | Design | 1975 |
| 232 | GOST 7217-87 Rotating electric machines. Asynchronous motors. Methods of Testing | Design | 1987 |

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| **Item** | **Title and designation** | **NPP Stages** | **Issue year** |
| 233 | GOST 14693-90  Unsealed metal-enclosed switchgear and controlgear for voltages up to 10 кV. General specifications. | Design | 1990 |
| 234 | GOST 14694-76 "Metal-clad switchgears up to 10 kV. Test methods | Design | 1976 |
| 235 | GOST R 52565-2006 Alternating-current circuit-breakers for voltages from 3 to 750 kV. General Specifications | Design | 2006 |
| 236 | GOST R 52726-2007 Alternating current disconnectors and earthing switches for voltage above 1 kV and operating mechanisms for them General specifications. | Design | 2007 |
| 237 | GOST 9920-89 АC electrical installations for voltage from 3 to 750 kV. Creepage distance of external insulation | Design | 1989 |
| 238 | GOST 1516.1-76 Electrical equipment for AC voltages from 3 to 500 kV. Requirements to electrical strength of insulation | Design | 1976 |
| 239 | GOST 1516.2-97 Electrical equipment and installations for AC voltages 3 kV and higher. General methods of dielectric tests. | Design | 1997 |
| 240 | GOST 1516.3-96 Electrical equipment for AC voltages 1 to 750 kV. Requirements for dielectric strength of insulation | Design | 1996 |
| 241 | GOST 12.2.007.3-75 Electrical devices for voltages above 1000 V Safety requirements | Design | 1975 |
| 242 | GOST 12.2.007.4-75 Cubicles of factory-assembled switchgears and of complete transformer substations. Safety requirements | Design | 1975 |
| 243 | GOST 11920-85 General-purpose oil power transformers up to 35 kV, inclusive. Specifications | Design | 1985 |
| 244 | GOST 17544-85 General-purpose 220, 330, 500 and 750 kV power oil transformers. Specifications | Design | 1985 |
| 245 | GOST 11677-85 Power transformers. General specifications. | Design | 1985 |
| 246 | GOST R 54827-2011 Dry-type transformers. General specifications. | Design | 2011 |

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| **Item** | **Title and designation** | **NPP Stages** | **Issue year** |
| 247 | GOST 14209-85 General-purpose oil-immersed power transformers. Permissible loads | Design | 1985 |
| 248 | GOST 8865-93 Electrical insulation systems. Estimation of thermal resistance and classification. | Design | 1993 |
| 249 | GOST 12.2.007.2-75 Power transformers and reactors. Safety requirements | Design | 1975 |
| 250 | GOST 12.2.024-87 Noise. Oil-immersed power transformers. Norms and methods of control | Design | 1987 |
| 251 | GOST 1983-2001 Voltage Transformers. General specifications. | Design | 2001 |
| 252 | GOST 7746-2001 Current Transformers. General specifications. | Design | 2001 |
| 253 | GOST 20243-74 Power transformers. Methods of short-circuit tests | Design | 1974 |
| 254 | GOST 21023-75 Power transformers. Methods of measuring partial discharge characteristics during power frequency voltage testing | Design | 1975 |
| 255 | GOST 22756-77 Power and voltage transformers and reactors. Test methods of electric insulation strength. | Design | 1977 |
| 256 | GOST 24126-80 Power transformer on-load tap-changing devices. General specifications. | Design | 1980 |
| 257 | GOST 24687-81 Power transformers and electrical reactors. Degrees of protection. | Design | 1981 |
| 258 | GOST 30830-2002 Power transformers. Part 1. General provisions | Design | 2002 |
| 259 | GOST 3484.1-88 Power transformers. Electromagnetic test methods | Design | 1988 |
| 260 | GOST 3484.2-88 Power transformers. Heat tests | Design | 1988 |
| 261 | GOST 3484.3-88 Power transformers. Measuring methods of dielectric parameters of insulation | Design | 1988 |
| 262 | GOST 3484.4-88 Power transformers. Tank tests for mechanical strength | Design | 1988 |
| 263 | GOST 3484.5-88 Power transformers. Tank tests for leakproofness | Design | 1988 |
| 264 | GOST 982-80 Transformer oils. Specifications | Design | 1980 |
| 265 | GOST 26881-86 Stationary lead-acid cells. General specifications. | Design | 1986 |

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| **Item** | **Title and designation** | **NPP Stages** | **Issue year** |
| 266 | GOST R IEC 60896-2-99 Stationary lead-acid batteries. General requirements and methods of test. Part 2. Valve regulated types | Design | 1999 |
| 267 | GOST R IEC 896-1-95 Stationary lead-acid batteries. General requirements and methods of test. Part 1. Open types | Design | 1995 |
| 268 | GOST 12.2.007.12-88 Occupational safety standards system. Chemical sources of electric energy. Safety requirements | Design | 1988 |
| 269 | GOST 27699-88 Uninterrupted power supply systems of AC receivers.  General specifications. | Design | 1988 |
| 270 | GOST 18142.1-85 Semiconductor rectifiers of power higher than 5 kW. General specifications. | Design | 1985 |
| 271 | GOST 25953-83 Electric energy semiconductor converters of 5 kVA power and above.  Parameters | Design | 1983 |
| 272 | GOST 26284-84 Semiconductor power converters. Conventional designations | Design | 1984 |
| 273 | GOST 26416-85 Uninterrupted power supply units for voltage of up to 1 kV. General Specifications | Design | 1985 |
| 274 | GOST 26567-85 Semiconductor electric energy converters. Electric tests methods | Design | 1985 |
| 275 | GOST 24376-91 Semiconductor inverters.  General specifications. | Design | 1991 |
| 276 | GOST 12434-83 Low-voltage switching devices. General specifications. | Design | 1983 |
| 277 | GOST 28668-90 Low-voltage switchgear and controlgear assemblies. Part 1. Requirements for type-tested and partially type-tested assemblies | Design | 1990 |
| 278 | GOST R 50030.2-2010 Low-voltage switchgear and controlgear. Part 2. Circuit breakers | Design | 2010 |
| 279 | GOST R 50030.3-2012 Low-voltage switchgear and controlgear. Part 3. Switches, disconnectors, switch-disconnectors and fuse-combination units | Design | 2012 |
| 280 | GOST 12.2.007.6-75 Occupational safety standards system. Switching devices for up to 1000 V. Safety requirements | Design | 1975 |
| 281 | GOST 12.1.010-76 Explosion safety. General requirements. | Design | 1976 |

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| **Item** | **Title and designation** | **NPP Stages** | **Issue year** |
| 282 | GOST 12.1.012-2004 Vibration safety. General requirements. | Design | 2004 |
| 283 | GOST 25980-83 Vibration. Means for protection. Nomenclature of parameters. | Design | 1983 |
| 284 | GOSТ 30.001-83 The system of ergonomics and technical design standards. General principles | Design | 1983 |
| 285 | GOST R ISO 9004-2010 National Standard of the Russian Federation. Managing for the sustained success of an organization. A quality management approach | Design | 2010 |
| 286 | GOST R-12.3.047-98 Fire safety of technological processes. General requirements. Methods of control | Design | 1998 |
| 287 | GOST R 21.1003-2009 National standard of the Russian Federation System of design documents for construction. Registration and storage rules of design documentation. | Design | 2009 |
| 288 | OTT 1.3.3.99.0141-2012 Non-safety-related pipeline valves for NPP process systems. General specifications. | Design | 2012 |
| 289 | OST 108.004.10-86 Program for controlling the quality of nuclear power industry articles. | Design | 1986 |
| 290 | OST 24.125.30‑89 Seamless pipes made of carbon and silicon-manganese steels for NPP pipelines. Dimensions. | Design | 1989 |
| 291 | TS-5800-012-56294930-2007. Mechanical joints of construction rebars made with the use of couplings produced by ANCON Building PRODUCTS. Technical Requirements | Design | 2007 |
| 292 | TU 14-1-5596-2010 Thermally and mechanically strengthened rolled articles of A600S grade for reinforcing reinforced concrete structures. Specifications | Design | 2010 |
| **Non-nuclear Rules and Norms of the Russian Federation** | | | |
| 1 | PB 10-573-03 Rules for design and safe operation of steam and hot water pipelines | Design & Operation | 2003 |
| 2 | VSN 10-83 Instruction for the designing of gaseous oxygen pipelines. Minkhimprom | Design | 1983 |
| 3 | Safety regulations for hazardous production facilities at which load lifting structures are used (Gosgortekhnadzor Order No. 533 dated 12.11.2013) | General requirements | 2013 |

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| **Item** | **Title and designation** | **NPP Stages** | **Issue year** |
| 4 | PB 03-576-2003 Rules for design and safe operation of pressurized vessels | Design & Operation | 2003 |
| 5 | NPB 250-97 Elevators for transportation of fire brigades in buildings and structures. General Technical Requirements | Design & Construction | 1997 |
| 6 | PB 03-581-03 Rules for design and safe operation of stationary compressors, air ducts and gas lines | Operation | 2003 |
| 7 | PB 03-583-03 Rules for development, production and application of membrane safety devices | Operation | 2003 |
| 8 | PB 03-584-03 Rules for design, production and acceptance of steel welded vessels and devices | Design | 2003 |
| 9 | PB 03-598-03 Safety rules for hydrogen production by water electrolysis | Operation | 2003 |
| 10 | PB 03-605-03 Rules for design of vertical cylindrical steel tanks for oil and petroleum products storage | Design | 2003 |
| 11 | PB 09-560-03 Industrial safety rules for Oil delivery terminals and oil products stores | Design | 2003 |
| A12 | PB 09-566-03 Safety rules for stores of liquefied hydrocarbon gases and pressurized flammable liquids | Operation | 2003 |
| 13 | PB 09-592-03 Rules for design and safe operation of cooling systems | Operation | 2003 |
| 14 | PB 10-558-03 Rules for design and safe operation of elevators | Operation | 2003 |
| 15 | PB 10-574-03 Rules for design and safe operation of steam and hot water boilers | Operation | 2003 |
| 16 | PB 11-544-03 Safety rules for production and consumption of air separation products | Design | 2003 |
| 17 | PB 12-529-03 Safety rules for systems of gas distribution and gas consumption | Design | 2003 |
| 18 | PUG-69 Rules for design and safe operation of pipelines with burning, toxic and liquefied gases | Operation | 1969 |
| 19 | PPB 01-03 Fire safety regulations in the Russian Federation | Operation | 2003 |
| 20 | NPB 51-96 Fire fighting gas mixes. General fire safety requirements and methods of testing | Operation | 1996 |

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| **Item** | **Title and designation** | **NPP Stages** | **Issue year** |
| 21 | NPB 54-01 Automatic gas fire fighting installations. Modules and batteries. General specifications. Methods of Testing | Operation | 2001 |
| 22 | NPB 58-97 Address-type fire alarm systems. General specifications. Methods of Testing | Operation | 1997 |
| 23 | NPB 65-97 Smoke-detection optic-electronic fire annunciators. General specifications. Methods of Testing | Operation | 1997 |
| 24 | NPB 67-98 Automatic dry powder fire-fighting installations. Modules. General specifications. Methods of Testing | Operation | 1998 |
| 25 | NPB 77-98 Fire annunciation and evacuation management tools. General specifications. Methods of Testing | Operation | 1998 |
| 26 | NPB 80-99 Automatic water mist spray fire-fighting module units. General specifications. Methods of Testing | Operation | 1999 |
| 27 | NPB 88-2001 \* Fire fighting and signalling installations. Design norms and rules | Design | 2001 |
| 28 | NPB-110-03 List of buildings, structures, premises and equipment subject to protection by automatic fire fighting plants and automatic fire alarm systems | Design | 2003 |
| 29 | PB-09-596-03 Safety provisions at application of inorganic liquid acids and alkalis | Design & Operation | 2003 |
| 30 | RD 10-249-98 Amendment No.1 - RDI 10-413 (249)-01 Norms of stress calculation of station boilers, steam and hot water pipelines | Design | 1998 |
| 31 | RCN (Republic-wide Construction Norms) 60-86 Engineering surveys for construction. Microseismic zoning. Work execution norms. Moscow, Gosstroy RSFSR, 1986 | Engineering survey | 1986 |
| 32 | RCN 65-87 Engineering survey for construction. Microseismic zoning. Technical requirements for work execution. Moscow, Gosstroy RSFSR, 1987 | Engineering survey | 1987 |
| 33 | RSN 75-90 Engineering survey for construction. Logging methods | Engineering survey | 1990 |
| 34 | NPB 104-03 Public address and evacuation management systems in case of fire in buildings and constructions | Design | 2003 |

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| **Item** | **Title and designation** | **NPP Stages** | **Issue year** |
| 35 | SP 12.13130.2009 Determining the categories of premises, buildings and outdoor installations as to explosion-fire and fire hazard | Design | 2009 |
| 36 | SP 22.13330.2011 Foundations of buildings and structures | Design & Construction | 2011 |
| 37 | SP 24.13330.2011 Pile foundations. Updated version of SNiP 2.02.03-85 | Design & Construction | 1985 |
| 38 | SP 31.13330.2012 Water supply, outdoor networks and structures. Revised edition SNiP 2.04.02-84 | Design & Construction | 2012 |
| 39 | SP 45.13330.2012 Set of rules. Earthworks, footings and foundations. Revised edition SNiP 3.02.01-87 | Design | 2012 |
| 40 | SP 30.13330.2012 Set of rules. Indoor water supply and sewer system of buildings. Revised edition SNiP 2.04.01-85\* | Design & Construction | 2012 |
| 41 | SP 47.13330.2012 Set of rules. Engineering survey for construction. Fundamentals. Revised edition SNiP 11-02-96 | Engineering survey | 2012 |
| 42 | SNiP 21-01-97\* Fire safety of buildings and structures. | Design & Construction | 1997 |
| 43 | SP 60.13330.2012 Set of rules. Heating, ventilation and air conditioning. Revised edition SNiP 23-02-2003 | Design & Construction | 2012 |
| 44 | SP 50.13330.2012 Set of rules. Thermal protection of buildings. Revised edition SNiP 23-02-2003 | Design & Construction | 2012 |
| 45 | SP 28.13330.2011. Set of Rules. Anticorrosive protection of civil structures. Revised edition SNiP 2.03.11-85 | Construction | 2012 |
| 46 | SP 29.13330.2011 Set of rules. Floors. Revised edition SNiP 2.03.13-88 | Construction | 2011 |
| 47 | SNiP 3.04.03-85 Anticorrosive protection of civil constructions and structures | Design & Construction | 1985 |
| 48 | SP 32.13330.2012 Set of rules. Sewer system. Outdoor networks and structures. Revised edition SNiP 2.04.03-85 | Design & Construction | 2012 |
| 49 | SP 73.13330.2012 Set of rules. Indoor sanitary engineering system of buildings. Revised edition SNiP 3.05.01-85 | Design & Construction | 2012 |

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| **Item** | **Title and designation** | **NPP Stages** | **Issue year** |
| 50 | SNiP 3.05.04-85 External networks and structures for water supply and sewage | Design & Construction | 1985 |
| 51 | SP 18.13330.2011 Set of rules. General layouts of industiral enterprises. Revised edition SNiP II-89-80\* | Construction | 2011 |
| 52 | SP 16.13330.2011 Steel structures. Code of practice. Revised edition of SNiP II-23-81\* | Design & Construction | 2011 |
| 53 | SP 14.13330.2011 Set of rules. Construction in seismic areas. Revised edition SNiP II-7-81\* | Engineering survey | 2011 |
| 54 | SP 131.13330.2012 Set of rules. Building climatology. Revised edition SNiP 23-01-99\* | Engineering survey | 2012 |
| 55 | SP 126.13330.2012 Set of rules. Survey operation in construction. Revised edition SNiP 3.01.03-84 | Engineering survey | 2012 |
| 56 | SNiP 3.01.04-87 Taking over of constructed facilities into operation. Main principles | Construction | 1997 |
| 57 | SP 116.13330.2012 Set of rules. Engineering protection of territories, buildings and structures against hazardous geological processes. Basic provisions. Revised edition SNiP 22-02-2003 | Engineering survey | 2012 |
| 58 | SPPNAE-87 p. 4.1. General requirements to the scope of investigation and survey for a place for NPP site selection. | Engineering survey | 1987 |
| 59 | SP 20.13330.2011 Set of rules. Loads and effects. Revised edition SNiP 2.01.07-85\* | Construction | 2011 |
| 60 | SP 27.13330.2011 Concrete and reinforced concrete structures intended for operation under conditions of increased and high temperatures effect. Code of practice. Revised edition of SNiP 2.03.04-84 | Design & Construction | 2011 |
| 61 | SNiP II-11 -77 Protection structures of civil defense (replaces SN 405-70, SN 427-71) | Construction | 1977 |
| 62 | SP 70.13330.2012 Set of rules. Bearing and enclosing structures. Revised edition SNiP 3.03.01-87 | Construction | 2012 |

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| **Item** | **Title and designation** | **NPP Stages** | **Issue year** |
| 63 | SP 41.13330.2012 Set of rules. Concrete and reinforced concrete structures of hydraulic facilities. Revised edition SNiP 2.06.08-87 | Construction | 2012 |
| 64 | SP 43.13330.2012 Set of rules. Constructions of industrial enterprises. Revised edition SNiP 2.09.03-85 | Construction | 2012 |
| 65 | SP 63.13330.2012 Set of rules. Concrete and reinforced concrete structures. Basic provisions. Revised edition SNiP 52-01-2003 | Construction | 2012 |
| 66 | SP 23.13330.2011 Foundations of hydraulic structures. Revised edition SNiP 2.02.02-85 | Design & Construction | 1985 |
| 67 | SP 26.13330.2012 Set of rules. Foundations of machines with dynamic loads. Revised edition of SNiP 2.02.05-87 | Construction | 2012 |
| 68 | SP 15.13330.2012 Set of rules. Stone and reinforced masonry structures. Revised edition SNiP II-22-81\* | Construction | 2012 |
| 69 | SNiP 3.05.06-85 Regulations for execution and acceptance of work. Electrical devices | Construction | 1985 |
| 70 | SNiP 3.05.07-85 Regulation for execution and acceptance of work. Automation systems | Construction | 1985 |
| 71 | SP 51.13330.2011 Set of rules. Noise protection. Revised edition of SNiP 23-03-2003 | Design & Construction | 2011 |
| 72 | SNiP 2.04.05-91\* Heating, ventilation and air conditioning. With amendments No 1 and No 2 | Design & Construction | 1991 |
| 73 | SP 34.13330.2012 Set of rules. Highways. Revised edition SNiP 2.05.02-85\* | Design & Construction | 2012 |
| 74 | SP 37.13330.2012 Set of rules. Industrial transport. Revised edition SNiP 2.05.02-85\* | Design & Construction | 2012 |
| 75 | SP 58.13330.2012 Set of rules. Hydraulic engineering facilities. Basic provisions. Revised edition SNiP 33-01-2003 | Design & Construction | 2012 |
| 76 | SP 39.13330.2012 Set of rules. Earth dams. Revised edition SNiP 2.06.05-84\* | Design | 2012 |

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| **Item** | **Title and designation** | **NPP Stages** | **Issue year** |
| 77 | SP 40.13330.2012 Set of rules. Concrete and reinforced concrete dams. Revised edition SNiP 2.06.06-85 | Design & Construction | 2012 |
| 78 | SP 56.13330.2011 Industrial buildings. Code of practice. Revised edition of SNiP 31-03-2001 | Design | 2011 |
| 79 | SNiP 124.13330.2012 Set of rules. Heat networks. Revised edition SNiP 41-02-2003 | Design | 2012 |
| 80 | SP 44.13330.2011 Administrative and amenity buildings. Code of practice. Revised edition SNiP 2.09.04-87 | Design | 2011 |
| 81 | SP 35.13330.2011 Bridges and pipes. Code of practice. Revised edition SNiP 2.05.03-84\* | Design | 2011 |
| 82 | SNiP 2.06.15-85 Engineering protection of territory against flood and inundation | Design | 1985 |
| 83 | VSN 5-84 Use of natural stone in marine hydraulic engineering | Design | 1984 |
| 84 | SP 101.13330.2012 Set of rules. Retaining walls, shipping locks, fishways and fish screen. Revised edition SNiP 2.06.07-87 | Design | 2012 |
| 85 | VSN 361-85 Installation of process equipment on foundations | Design | 1985 |
| 86 | SP 38.13330.2012 Set of rules. Loads and impacts on hydraulic structures (wave, ice and from boats) SNiP 2.06.04-82\* | Design | 2012 |
| 87 | SN 460-75, Provisional instruction on the contents and presentation of civil working drawings of buildings and structures, Section 5 Metal structures. KM drawings | Construction | 1975 |
| 88 | Geodesic methods of earths’ crustal deformations study at geodynamical test sites. Methodological guideline. State Department of Geodesy and Cartography, Central Surveying and Mapping Research Institute, Moscow 1985 | Engineering survey | 1985 |
| 89 | GK INTP (GNTA)-03-010-03. Federal Geodetic and Cartography Service of Russia. Geodesic, cartographic guidelines, rules and regulations. Instruction on leveling survey of I, II, III and IV classes. Moscow. ZNIIGAiK, 2004 | Engineering survey | 2003 |
| 90 | GKINP-07-016-91 Laying principles for centers and benchmarks at the points of geodetic and leveling network. Мoscow 1993 | Engineering survey | 1991 |

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| **Item** | **Title and designation** | **NPP Stages** | **Issue year** |
| 91 | VSN AS-90 Rules for the acceptance of completed power units  of power plants | Construction | 1990 |
| 92 | VSN 01-87 Fire-fighting design standards for nuclear power plants | Design | 1987 |
| 93 | GKINP (GNTA) 17-195-99 Instructions for the geodetic instruments calibration | Engineering survey | 1999 |
| 94 | SP 48.13330.2011 Set of rules. Construction management. Revised edition SNiP 12-01-2004 | Design | 2011 |
| 95 | PB 13-407-01 Unified safety rules during blasing operations | Design | 2001 |
| 96 | PB-03-428-02 Safety rules during construction of underground structures | Design | 2002 |
| 97 | SNiP 12-04-2002 Occupational safety in construction. | Design | 2002 |
| 98 | SN 527-80 Instruction for designing process-related steel pipelines Pn up to 10 MPa | Design | 1980 |
| 99 | SO 153-34.20.501-2003 Rules of technical operation of power plants and grids of the Russian Federation | Design | 2003 |
| 100 | SP 90.13330.2012. Thermal power plants. | Design | 2012 |
| 101 | SNiP 3.05.05-84 Process Equipment and Process Pipelines | Design | 1984 |
| 102 | SanPin 2.3.2.1078-01 Hygienic requirements for safety and nutrition value of food products. | Design | 2001 |
| 103 | NPB 237-97 Building structures. Cable penetration and sealed cable inlet fire resistance test methods | Design | 1997 |
| 104 | RD EO 1.1.2.25.0363-2011 Digital  (micrprocessor) relay protection devices and computer aided devices of normal operation electric installations, safety related systems and emergency power supply systems in nuclear power plants. General technical requirements. | Design | 2011 |
| 105 | RD 153-34.0-20.262-2002, SO 34.20.262-2002 Rules  of application of flame retardant coats for cables in power generation enterprises | Design | 2002 |
| 106 | STO 0062-2009. Anchor stops | Design | 2009 |
| 107 | STO 002 099 64.01-2006 Regulations for designing the manufacture of air separation products | Design | 2006 |

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| **Item** | **Title and designation** | **NPP Stages** | **Issue year** |
| 108 | STO 1.1.1.01.004.0441-2008 Programs for training NPP personnel for a position (profession) and for maintenance of skills. Basic requirements. | Design | 2008 |
| 109 | STO 1.1.1.01.004.0644-20 10 Statement about staffing and advanced training of personnel for nuclear power plants. | Design | 2010 |
| 110 | STO 1.1.1.02.001.0673-2006 Labor protection rules in operation of thermal mechanical equipment and heat networks of nuclear power plants operated by FSUE Rosenergoatom Concern | Design | 2006 |
| 111 | STO 1.1.1.03.003.0879-2012 Commissioning of NPP power units equipped with water-moderated water-cooled power generating reactors. Procedure for carrying out and acceptance of adjustment works on process systems and equipment. | Design | 2012 |
| 112 | STO 1.1.1.03.003.0880-2012 Commissioning of NPP power units equipped with water-moderated water-cooled power generating reactors. Scope and sequence of adjustment works. General Provisions. | Design | 2013 |
| 113 | STO 1.1.1.03.003.0881-2012 Commissioning of NPP power units equipped with water-moderated water-cooled power generating reactors. Terms and definitions. | Design | 2012 |
| 114 | STO 1.1.1.03.003.0914-2012 Commissioning of power units equipped with water-moderated water-cooled power generating reactors. Procedure for carrying out and acceptance of APCS adjustment works | Design | 2013 |
| 115 | STO 79814898 108‑2009 Parts and elements of nuclear power plant pipelines made of corrosion-resistant steel for pressure up to 2.2 MPa (22 kgf/cm2). Technical requirements. | Design | 2009 |
| 116 | STO 79814898 109-2012 Added Parts and elements of pipelines of nuclear plants, made of corrosion-resistant steel for pressure up to 2.2 MPa (22 kg/cm2). Pipes and rolled articles. Dimensions. | Design | 2012 |
| 117 | STO SRO‑II 60542948 00009‑2013 Parts and elements of Group B and C pipelines for nuclear power plants made of pearlitic grade steels for pressure up to 2.2 MPa (22 kgf/cm2). Pipes and rolled articles. Dimensions. | Design | 2013 |
| 118 | STO TsKTI 011-2007 Steam and water sampling devices at NPP. General specifications. | Design | 2007 |

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| **Item** | **Title and designation** | **NPP Stages** | **Issue year** |
| 119 | STO 95 113–2013 Parts and elements of nuclear power plant steam and hot water and process pipelines made of pearlitic steel for pressure up to 2.2 MPa (22 kgf/cm²). Pipes and rolled articles. Dimensions. | Design | 2013 |
| **3. Third Party Standards** | | | |
| To be determined later | | | |
| **C. Guides** | | | |
| **1. Turkish National Guides** | | | |
| 1 | A guide on format and content of site report for nuclear power plants, / GK-GR-01, 2009 | Engineering survey | 2009 |
| 2 | Manual on special design principles | Design | 2012 |
| 3 | A Guide for on establishing and implementing a of quality assurace program for safety in nuclear installations / GK-KYS-01, 2009 | General guides | 2009 |
| 4 | A Guide on management on non-conformance control and corrective actions for safety in Nuclear installations./ GK-KYS-02, 2009 | General guides | 2009 |
| 5 | A Guide on management of document control and records for safety in nuclear installations / GK-KYS-03, 2009 | General guides | 2009 |
| 6 | A Guide on inspection and testing for acceptanc for safety in Nuclear installations  / GK-KYS 04, 2009 | General guides | 2009 |
| 7 | A Guide on assessment of the organization and implementation of the quality control system for safety in nuclear installations / GK-KYS-05 2010 | General guides | 2010 |
| 8 | A Guide on quality control in procurement of items and services for safety in nuclear installations /GK-KYS 06, 2010 | General guides | 2010 |
| 9 | A Guide on quality control in manufacturing for safety in nuclear installations/GK-KYS 07, 2011 | Construction | 2011 |
| 10 | A Guide on quality control in research and development for safety in nuclear installations /GK-KYS 08, 2011 | General guides | 2011 |
| 11 | A Guide on establishing and implementing a quality control system during engineering survey for safety in nuclear installations /GK-KYS 09, 2010 | Engineering survey | 2010 |

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| **Item** | **Title and designation** | **NPP Stages** | **Issue year** |
| A12 | A Guide on quality control in design for safety of nuclear installations/GK-KYS 10, 2011 | Design | 2011 |
| 13 | A Guide on quality control in construction for safety in nuclear installations/GK-KYS 11, 2011 | Construction | 2011 |
| 14 | A Guide on quality control in commissioning for safety in nuclear installations/GK-KYS 12, 2011 | Commissioning | 2011 |
| 15 | A Guide on quality control in operation for safety in Nuclear installations /GK-KYS 13, 2011 | Operation | 2011 |
| 16 | A Guide on quality control in decommissioning for safety of nuclear installations/GK-KYS 14, 2011 | Decommissioning | 2011 |
| 17 | Directive on determination of licensing basis regulations, guides and standards and reference plant for NPP, 2012 | General guides | 2012 |
| 18 | A guide on owner and authorized application for nuclear installations. Adopted by decision of the Committe for Nuclear Energy No 131/3 dated 05.06.2014 | General guides | 2014 |
| **2. IAEA guides** | | | |
| 1 | NS-G-1.6 Seismic design and qualification for NPP. | Design | 2003 |
| 2 | NS-G-3.2 Dispersion of radioactive materials in air and water and consideration of population distribution in site evaluation for NPP. Draft safety guide. Vienna, 2002. | Engineering survey | 2002 |
| 3 | SSG-9 Seismic hazard in site evaluation for nuclear power plants (2010). | Engineering survey | 2010 |
| 4 | NS-G-3.6 Geotechnical aspects of site evaluation and foundations for nuclear power plants Safety guide. Vienna, 2005. | Engineering survey | 2005 |
| 5 | NS-G-1.5, External effects, including earthquakes in the design of nuclear power plant | Engineering survey | 2003 |
| 6 | GS-G-2.1 Organization of emergency preparedness for nuclear and radiological emergencies | Operation | 2007 |
| 7 | GS-G-3.1 Application of the administrative management system for facilities and activities | Designing, Construction, Operation and Decommissioning | 2006 |

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| **Item** | **Title and designation** | **NPP Stages** | **Issue year** |
| 8 | GS-G-3.2 Management system for technical services in radiation safety | Designing, Construction, Operation and Decommissioning | 2008 |
| 9 | GS-G-3.3 Management system for the processing, handling and storage of radioactive wastes. | Designing, Construction, Operation and Decommissioning | 2008 |
| 10 | GSG 1 Classification of radioactive waste | Operation & Decommissioning | 2009 |
| 11 | GSG-2 Critical hazard levels for the preparedness and response in case of nuclear and radiological emergency | Design | 2011 |
| A12 | RS-G-1.1 Occupational radiation protection | Operation & Decommissioning | 1999 |
| 13 | RS-G-1.3 Assessment of occupational exposure due to external sources of ionizing radiation | Design & Operation | 1999 |
| 14 | RS-G-1.4 Building competence in radiation protection and safe use of radiation sources | Design & Operation | 2001 |
| 15 | RS-G-1.8 External environment and source monitoring for purposes of radiation protection | Design & Operation | 2005 |
| 16 | WS-G-2.3 Regulatory control of radioactive discharges to the environment | Design & Operation | 2000 |
| 17 | WS-G-2.5 Pre-disposal management of low level and medium level radioactive waste | Operation | 2003 |
| 18 | WS-G-2.6 Pre-disposal management of high level radioactive waste | Operation | 2003 |
| 19 | WS-G-5.1 Release of sites from regulatory control on termination of practices | Decommissioning | 2006 |
| 20 | WS-G-5.2 Safety assessment for the decommissioning of facilities using radioactive materials. 2008 | Decommissioning | 2008 |
| 21 | WS-G-6.1 Storage of radioactive waste | Design & Operation | 2006 |
| 22 | GS-G-1.1 Organization and staffing of the regulatory body for nuclear facilities | General guides | 2002 |

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| **Item** | **Title and designation** | **NPP Stages** | **Issue year** |
| 23 | GS-G-1.2 Review and assessment of nuclear facilities by the regulatory body | General guides | 2002 |
| 24 | GS-G-1.3 Regulatory inspection of nuclear facilities and enforcement by the regulatory authority | General guides | 2002 |
| 25 | GS-G-1.4 Documentation for use in regulating nuclear facilities | General guides | 2002 |
| 26 | GS-G-3.5 Management system for nuclear facilities management | General guides | 2009 |
| 27 | NS-G-1.1 Software for computer based systems important to safety in NPP | Design | 2000 |
| 28 | NS-G-1.10 Design of reactor containment systems for nuclear power plants | Design | 2004 |
| 29 | NS-G-1.11 Protection against internal hazards other than fires and explosions in the design of NPP | Design | 2004 |
| 30 | NS-G-1.12 Design of the reactor core for nuclear power plants | Design | 2005 |
| 31 | NS-G-1.13 Radiation protection aspects of design for nuclear power plants | Design | 2005 |
| 32 | NS-G-1.3 Istrumentation and control systems important to safety in nuclear power plants | Design | 2002 |
| 33 | NS-G-1.4 Design of fuel handling and storage systems for nuclear power plants | Design | 2003 |
| 34 | NS-G-1.7 Protection against internal fires and explosions in the design of NPP | Design | 2004 |
| 35 | NS-G-1.8 Design of emergency power systems for nuclear power plants | Design | 2004 |
| 36 | NS-G-1.9 Design of the reactor coolant system and associated systems in nuclear power plants | Design | 2004 |
| 37 | NS-G-2.1 Fire safety in the operation of nuclear power plants | Design | 2000 |
| 38 | SSG-25 Periodic safety assessment of nuclear power plants 2013 | Operation | 2013 |
| 39 | NS-G-2.11 System of feedback with operating experience on events at nuclear facilities | Operation | 2006 |
| 40 | NS-G-2.12 Ageing management in nuclear power plants | Operation | 2009 |
| 41 | NS-G-2.14 Conduct of operations at nuclear power plants | Operation | 2008 |
| 42 | NS-G-2.15 Severe accident management programs for nuclear power plants. | Operation | 2009 |

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| **Item** | **Title and designation** | **NPP Stages** | **Issue year** |
| 43 | NS-G-2.2 Operational limits and conditions and operating procedures for nuclear power plants | Operation | 2000 |
| 44 | NS-G-2.3 Modifications to NPP | Operation | 2001 |
| 45 | NS-G-2.4 Operating organization for NPP | Operation | 2001 |
| 46 | NS-G-2.5 Core management and fuel handling for nuclear power plants | Design | 2002 |
| 47 | NS-G-2.6 Maintenance, surveillance and in-service inspection in nuclear power plants | Operation | 2002 |
| 48 | NS-G-2.7 Radiation protection and radioactive waste management in the operation of nuclear power plants | Operation | 2002 |
| 49 | NS-G-2.8 Recruitment, qualification and training of perssonel for NPP | Operation | 2002 |
| 50 | NS-G-2.9 NPP commissioning | Commissioning | 2003 |
| 51 | NS-G-3.1 External Human Induced Events in Site Evaluation for Nuclear Power Plants. | Engineering survey | 2002 |
| 52 | SSG-12 Licinsing of nuclear facilities | General guides | 2010 |
| 53 | SSG-13 Water treatment and water chemistry for NPP | Design & Operation | 2011 |
| 54 | SSG-2 Deterministic safety analysis of NPP, 2009 | Design | 2009 |
| 55 | SSG-3 Development and application of level 1 probabilistic safety assessment for NPP | Design | 2010 |
| 56 | SSG-4 Development and application of level 2 probabilistic safety analysis for NPP | Design | 2010 |
| 57 | WS-G-2.1 Decommissioning of nuclear power plants and research reactors | Decommissioning | 1999 |
| 58 | SSG-18 Meteorological and hydrological hazards in site evaluation for nuclear installations | Engineering survey | 2011 |
| 59 | RS-G-1.2 Assessment of occupational exposure due to the intake of radionuclides. Safety guide | General guides | 1999 |
| 60 | SSG-16 Establishing the safety infrastructure for a nuclear power development program. 2012 | General guides | 2012 |
| 61 | SSG-21 Volcanic hazard assessment in site selection for nuclear power plant | Engineering survey | 2012 |

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| **Item** | **Title and designation** | **NPP Stages** | **Issue year** |
| 62 | SSG-28 NPP commissioning, 2014 | Commissioning | 2014 |
| 63 | SSG-30 Classification of structures, systems and components in nuclear power plants | Design | 2014 |
| **3. Russian Federation guides** | | | |
| 1 | SP 40-102-2000 Design and installation of water supply and sewer pipelines from polymeric materials | Design & Construction | 2000 |
| 2 | SP 40-103-98 Design and installation of cold and hot water supply systems using metal-polymer pipes | Design | 1998 |
| 3 | SP 40-104-2001 Design and assembly of underground water pipelines made of glass-reinforced plastic pipes | Design | 2001 |
| 4 | SP 40-105-2001 Design and installation of underground sewer pipelines made of glass-reinforced plastic pipes | Design | 2001 |
| 5 | SP 40-107-2003 Design, installation and operation of internal sewerage systems made of polypropylene pipes | Design | 2003 |
| 6 | SP 40-108-2004 Design and installation of internal water supply and heating systems of buildings made of copper pipes | Design | 2004 |
| 7 | SP 66.13330.2011 Design and construction of pressure water supply and drain systems using pipes made of high-strength cast iron with spheroidal graphite | Design | 2011 |
| 8 | А.А. Lukinykh, N.A. Lukinykh  Tables for hydraulic design of sewer networks and drain siphons using the formula of Academician N. N. Pavlovsky.  Reference guide | Design | 1974 |
| 9 | F.A. Shevelev, A.F. Shevelev  Tables for hydraulic design of water supply pipes. Reference guide | Design | 1973 |
| 10 | SP 1.13130.2009 Fire protection systems. Evacuation routes and exits. | Design | 2009 |
| 11 | SP 2.13130.2012 Set of rules. Fire protection systems. Fire proofing at objects of protection. With rev. No. 1 dated 23.11.2013. N 678 | Design | 2012 |
| A12 | SP 3.13130.2009 Fire protection systems. Fire warning and evacuation management system. Fire safety requirements | Design | 2009 |

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| **Item** | **Title and designation** | **NPP Stages** | **Issue year** |
| 13 | SP 4.13130.2013 Fire protection systems. Restriction of fire spread at object of defense. Requirements to special layout and structural decisions | Design | 2013 |
| 14 | SP 5.13130.2009 Fire protection systems. Fire alarm and fire extinguishing automated systems. Design standards and rules | Design | 2009 |
| 15 | SP 6.13130.2013 Electrical equipment. Fire safety requirements. | Design | 2013 |
| 16 | SP 7.13130.2013 Heating, ventilation and air conditioning. Fire safety requirements | Design | 2013 |
| 17 | SP 8.13130.2009 Fire protection systems. Outdoor sources of fire water supply. Fire safety requirements | Design | 2009 |
| 18 | SP 9.13130.2009 Fire fighting equipment. Fire extinguishers. Operating requirements. | Design | 2009 |
| 19 | SP 10.13130.2009 Fire protection systems. Internal fire fighting water system. Fire safety requirements | Design | 2009 |
| 20 | SP 11.13130.2009 The location of fire departments. Procedure and methods for determination | Design | 2009 |
| 21 | SR 13.13130.2009 Nuclear power plants. Fire safety requirements | Design | 2009 |
| 22 | SP 17.13330.2011 Construction rules and regulations Part  II. Design codes. Chapter 26. Roof. | Design | 2011 |
| 23 | SP 64.13330.2011 Wooden structures. Revised edition of SNiP II-25-80 | Design | 2011 |
| 24 | SP 36.13330.2012 Trunk pipelines. Revised edition of SNiP 2.05.06-85\* | Design | 2012 |
| 25 | SP 128.13330.2012 Set of rules. Aluminium structures. Revised edition SNiP 2.03.06-85 | Design | 2012 |
| 26 | SP 33.13330.2012 Stress calculation of steel pipelines. Revised edition of SNiP 2.04.12-86 | Design | 2012 |
| 27 | SNiP 3.04.01-87 Insulation and finish coats | Design | 1987 |
| 28 | SP 52.13330.2011 Natural and artificial lighting. Code of practice. Revised edition of SNiP 23-05-95\*. | Design | 1995 |

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| **Item** | **Title and designation** | **NPP Stages** | **Issue year** |
| 29 | SNiP 31-05-2003 Public buildings for administrative purposes | Design | 2003 |
| 30 | RD 153-34.0-45.512-97 Standard instruction for operation of lube oil-gas system for hydrogen cooling of generators | Design | 1997 |
| 31 | RD 34.03.304-87 Rules for meeting fire-resistant sealing requirements of cable lines | Design | 1987 |
| 32 | RD EO 0586-2004 Design codes of thermal insulation of equipment and pipelines of nuclear power plants | Design | 2004 |
| 33 | MUK 2.6.1.29-2000 Procedural guidelines on the calculation of allowable discharges of radioactive substances of NPP into surface water | Design | 2000 |
| 34 | MU 1.3.2.06.027.0017-2010 Procedural guidelines. Calculation and justification of the sizes of sanitary protection zones and surveillance zones around NPP | Design | 2010 |
| 35 | SP 11-110-99 Field supervision of construction of buildings and structures | Design | 1999 |
| 36 | SP 11-105-97 Engineering geological site investigations for construction, part I | Engineering survey | 1997 |
| 37 | SP 11-104-97 Code of practice. Engineering geodetic surveys for construction | Engineering survey | 1997 |
| 38 | SP 11-103-97 Engineering and hydrometeorological surveys for construction | Engineering survey | 1997 |
| 39 | SP 33-101-2003 Determination of design hydrological performance. Gosstroy of Russia. 2004. | Engineering survey | 2003 |
| 40 | SP 11-102-97 Engineering environmental surveys for construction purposes. | Engineering survey | 1997 |
| 41 | SP 52-101-2003 Concrete and reinforced concrete structures without prestressed reinforcement. | Construction | 2003 |
| 42 | SP 53-102-2004 General rules of steel structures design | Construction | 2004 |
| 43 | SP 50-101-2004 Design and arrangement of pedestals and foundations of buildings and structures | Construction | 2004 |
| 44 | SP 50-102-2003 Design and construction of pile foundations | Construction | 2003 |
| 45 | SP 52-101-2004 Concrete and reinforced concrete structures without prestressed reinforcement. | Construction | 2004 |
| 46 | SP 53-101-98 Fabrication and quality control of structural steel members | Construction | 1998 |

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| **Item** | **Title and designation** | **NPP Stages** | **Issue year** |
| 47 | RD MU 34‑590.41‑85 Methodic guidelines on design of the arrangement and mechanization of repair works at NPP | Operation | 1985 |
| 48 | RD 210.006-90 Process design codes of NPP | Design | 1990 |
| 49 | RB-006-98 Determining the input seismic ground motions for design bases | Engineering survey | 1998 |
| 50 | RD 04-15-94 Statement on the procedure for testing knowledge, rules, regulations and safety instructions of the personnel of nuclear power plants and operating organizations | Operation | 1994 |
| 51 | RB-021-01 Assessment of reactor core heavy damage frequency (for natural and man-made external initiating events). | Design | 2001 |
| 52 | RB-022-01 Recommendations on evaluation of tornado characteristics for nuclear facilities | Design | 2001 |
| 53 | RD EO 0052-00 Diesel-generator plants for nuclear power plants. General technical requirements (with amendment  No 1 2004, amendent No 2 2006) | Operation | 2000 |
| 54 | RD 95 10547-99 Guidelines for the application of Leak Before Break concept to the pipelines of nuclear power installations (R-TPR-99) | Operation | 1999 |
| 55 | RD 153-34.0-49.105.01 Design codes of automatic installations for water fire fighting of cable structures | Design | 2001 |
| 56 | Safety guide "Recommendations for arrangement and safe operation of process pipelines | Design & Operation | 2012 |
| 57 | RB G-05-039-96 Guidelines for analysis of the danger from accidental explosions and identification of their mechanical impact | Design | 1996 |
| 58 | RD 10-400-01 Standards for strength calculation of heat network pipelines | Design | 2001 |
| 59 | RD 10-577-03 (SO 153-34.17.421-2003) Standard instruction for metal inspection and lifetime extension  of the main elements of the boilers, turbnes and pipelines of thermal power plants | Operation | 2003 |
| 60 | RD 36-62-00 Load lifting equipment. General Technical Requirements | Operation | 2000 |

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| **Item** | **Title and designation** | **NPP Stages** | **Issue year** |
| 61 | RD 78.143-92 Security alarm systems and sets. Elements of the technical strength of objects. Design codes (Ceased to be in force from 01.01.2003 due to publication of RD 78.36.003-2002, approved by RF Ministry of Interior | Design | 1992 |
| 62 | RD 95 540-88 Instruction. Procedure for the development and production of nuclear reactor cores and their components | Design | 1988 |
| 63 | RD 95-10544-99 Systems of physical protection for nuclear materials and facilities. Instructions on design arrangements | Design | 1999 |
| 64 | RD EO 0554-2005 Nuclear power plants. Safety significant control systems. Creating, upgrading and operation. General Provisions | Design | 2005 |
| 65 | Special conditions of delivery of equipment, instrument, materials and items for nuclear power facilities, with respect of the technical decision dated 18.06.2001, approved by JSC ASE and VO Safety. | Operation | 2001 |
| 66 | MDS 21.1-98. Prevention of fire spread. (Manual to SNiP 21-01-97) | Construction | 1998 |
| 67 | MDS 21-2.2000. Methodic recommendations on fire resistance and fire durability calculation of reinforced concrete structures | Construction | 2000 |
| 68 | RD 95 10528-96 Guide on impact wave parameters determination during external explosions and loads on NPP building constructions | Design | 1996 |
| 69 | Guide on NPP buildings reinforced concrete structures calculation on external explosion load effect (Approved by the Head of the 26th Directorate of the RF Ministry of Nuclear Energy A.L. Lapshin on 20.03.92) | Design | 1992 |
| 70 | RD 95 10534-96 Guide on Loads Determination on NPP Civil Structures and Equipment at Containers and Other Bodies Falling down to the Pool Filled With Water (RD 95 10534-96) | Design | 1990 |
| 71 | Rules for Arrangement of Electrical Installations PUE, 6th edition | Operation | 2000 |
| 72 | Rules for Arrangement of Electrical Installations PUE, 7th edition, section 6, 7 | Operation | 2002 |
| 73 | PEEP (6-th Edition, 2003) Rules for Operation of Consumption Power Facilities | Operation | 2003 |

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| **Item** | **Title and designation** | **NPP Stages** | **Issue year** |
| 74 | RB-024-11 Provisions of Main Recommendations on Conducting Level 1 Probabilistic Safety Assessment for Internal Initiating Events occurring at All Plant Operational Modes (RB-024-02) | Design | 2011 |
| 75 | RB-032-04 Main Recommendations on NPP PSA execution | Design | 2004 |
| 76 | RD 95 10532-96 Manual on Determination of Shock Waves Parameters at Primary Circuit Pipelines Rupture, Excessive Pressure in the Containment Rooms and Loads from Steam Effect on NPP Enclosing Structures | Design | 1996 |
| 77 | RD-03-34-2000 Requirements to Contents and Composition of Verification Report and Justification of SW Applied for Justification of Nuclear Power Utilization Facilities Safety | Design | 2000 |
| 78 | RD-03-33-2008 Instruction on Expert Review of Software Used During Justification and/or Provision of Safety of Nuclear Installations | Operation | 2008 |
| 79 | SО 153-34.03.603-2003 Procedure for Application and Testing of Protection Devices used at Power Facilities | Operation | 2003 |
| 80 | SO 153-34.11-7-2003 Waterworks in Seismic Areas | Design | 2003 |
| 81 | SO 153-34.21.122-2003 Procedure for Design of Lightning Protection at Buildings, Structures and Industrial Lines | Operation | 2003 |
| 82 | SO 153-34.45.310 (RD 34.45.310-89) Instructions for  Integrated Testing of Generators and Generator-Transformer Units at Power Plants | Design | 1989 |
| 83 | SO 34.45-51.300-97 (RD 34.45-51.300-97) The Scope and Norms of  Electrical Tests | Design | 1997 |
| 84 | SO 34.35.125-99 (RD 153–34.3-35.125-99) Guidelines  for protection of electrical networks 6-1150 kV against lightning and internal overvoltages | Design | 1999 |
| 85 | RB 044-09 Main Recommendations for Probabilistic Safety Analysis, Level 2, for Nuclear Plants | Design | 2009 |

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| **Item** | **Title and designation** | **NPP Stages** | **Issue year** |
|  | with WWER Reactors |  |  |
| 86 | RB-045-08 Dynamic Monitoring of Structural Components at Nuclear Energy Facilities | Construction | 2008 |
| 87 | RB-041-07 Guide on the Conduct of Periodic Safety Assessment of Nuclear Plant Unit | Design & Operation | 2007 |
| 88 | RB-040-09 Computational Correlations and Techniques for Calculating Hydrodynamic and Thermal Characteristics of Components of Water-Cooled Nuclear Power Facilities. | Design | 2009 |
| 89 | OIT-0004-1999 System for Certification of Equipment, Items and Processes for Nuclear Installations, Radiation Sources and Storage Locations. Certification Procedure. | Construction | 1999 |
| 90 | OIT-0013-2000 Nomenclature of Equipment, Items and Processes for Nuclear Installations, Radiation Sources and Storage Locations Required to Undergo Mandatory Certification of Equipment, Items and Processes for Nuclear  Installations, Radiation Sources and Storage Locations | Construction | 2000 |
| 91 | RD 03-36-02 Conditions of Supply of Imported Equipment, Items and Utilities for Nuclear Facilities, Radiation Sources and Storage Facilities of the Russian Federation | Operation | 2002 |
| 92 | RD 05-03-2007 Requirements to the Composition of the Package and the Content of Documents Justifying the Activity in Design and Manufacture of the Equipment for Nuclear Energy Facilities, RTN order 871 dated 07.12.2014 | Design | 2007 |
| 93 | RD 03-58-2001 Requirements to the Composition and the Content of the Information on Justification of Technical Safety of Steam and Water-Boilers, Pressure Vessels, Steam and Hot Water Pipes, Hoisting Cranes of Nuclear Facilities | Design | 2001 |
| 94 | RD 04-01-2005 The Regulations on Certificate for Reactor Unit of Nuclear Power Plants | Design | 2005 |
| 95 | RD 04-22-96 Guidelines on Assessment of Reliability of the Integral Testing of the System of Confinement of Nuclear Power Plants | General requirements | 1996 |

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| **Item** | **Title and designation** | **NPP Stages** | **Issue year** |
| 96 | RD 25.818-87 General Technical Requirements and Methods of Testing for Seismic Resistance of Instruments and Means of Automation Being Delivered to NPP | Construction | 1987 |
| 97 | RD 34.45-51.300-97 Scope and Test standards for Electric Equipment | Operation | 1997 |
| 98 | RD 95 10527-95 Temporary Design Standards for Physical Protection Systems of Nuclear Power Plants | Design | 1995 |
| 99 | STO 1.1.1.01.0069-2013 Regulations on Arrangement of Maintenance and Repair of NPP System and Equipment | Operation | 2013 |
| 100 | The Organization Works with the Staff at Nuclear Power Plants (Rosatom Order No 60 dated 15.02.2006. Order No 23 of the concern  Rosenergoatom dated 28.03.2006 | General requirements | 2006 |
| 101 | МR 1.5.2.05.999.0025-2011 Calculation and Design of Earthquake-Resistant Nuclear Power Plants | Design | 2011 |
| 102 | МR 1.5.2.05.999.0026-2011 Standard for Designing Main Structures of Nuclear Power Plants | Design | 2011 |
| 103 | МR 1.5.2.05.999.0027-2011 Design Standards for Earthquake Resistance of Nuclear Power Plants | Design | 2011 |
| 104 | RD EO-0159-99 Provision of Psycho-Physiological Laboratory Facility to Ensure the Use of Atomic Energy (typical). | Operation | 1999 |
| 105 | RD-01-07-2006 Regulation on the Department for the Regulation of Safety of Nuclear Fuel Cycle Facilities, Supervision over Accounting and Control of Nuclear Materials and Radioactive Substances and Physical Protection | Operation | 2006 |
| 106 | OPKP NPP 90 Main Provisions on Selection, Preparation, Admission to Operation and Monitoring in the Process of Operation of Nuclear Power Plant Personnel | Operation | 1990 |
| 107 | RD EO 1.1.2.99.0007-2011 A Standard Instruction for Operation of Production Buildings and Structures at Nuclear Power Plants | Operation | 2011 |
| 108 | The Technical Operation of Electric Consumers, 5th Edition, 1999 (Ministry of Fuel and Energy of the Russian Federation, Chief Directorate of The State Energy Supervision Glavgosenergonadzor of Russia) | Operation | 1999 |

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| **Item** | **Title and designation** | **NPP Stages** | **Issue year** |
| 109 | Time Criteria for Decision Making When Dealing with Soils, Solid Construction, Industrial and Other Wastes Containing Gamma-Emitting Radionuclides, 1992 (Approved by the Chief State Medical Officer of the Russian Federation, E.N. Beliaev, 1992) | Design | 1992 |
| 110 | RD EO 0606-2005 (MRKR-SHR-2004) Methods of Calculating the Resistance of Reactor Vessels for VVER NPP to Brittle Fracture | Design | 2005 |
| 111 | SPiR-О-2008. Set of Rules and Guidelines for the Supporting Structures of NPP components for VVER | Design | 2008 |
| 112 | RTD 2730.300.10-2000 Welding and Welding Parts and Assembly Units of Nuclear Power Plants from Corrosion-Resistant Austenitic Steels.  Technical Requirements | Design | 2000 |
| 113 | I-2730.91.03-92 Execution for Control of Surfacing and Conduct Destructive Testing of Weld Metal During Checking Welding (Surfacing) Material Intended for Corrosion Protection Coatings of NPP Equipment and Pipelines | Design | 1992 |
| 114 | OND-86 (All-Union Regulatory Document) Methodology for Calculation of Concentrations of Hazardous Substances Contained in Industrial Emissions in the Atmospheric Air | Design | 1986 |
| 115 | OST 41-05-263-86 Ground water. Classification by Chemical Composition and Temperature | Design | 1986 |
| 116 | GKINP (ОNТА)-01-271-03 Guidance for Creation and Reconstruction of Urban Geodetic Networks with Use of Satellite System GLONASS/GPS. | Design | 2003 |
| 117 | RD EO 1.1.2.11.0805‑2010 Water chemistry in the Turbine Generator Stator Winding Cooling System at VVER-Based Nuclear Power Plants. | Design | 2010 |
| 118 | RD EO 0334-02 A Procedure for Calculating the Primary Coolant Leak in Steam Generator Water at NPP Equipped with VVER -1000 reactors, Moscow 2001. | Design | 2002 |
| 119 | RD EO 0333-02 A Procedure for Radiation Monitoring on Primary Coolant Leak in Steam Generator Water at NPP with VVER-1000 reactors, Moscow, 2001. | Design | 2002 |
| 120 | RD EO 1.1.2.01.0869‑2012 Regulation for Control of Non-Conformances in Commissioning New NPP Power Units. | Design | 2012 |

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| **Item** | **Title and designation** | **NPP Stages** | **Issue year** |
| 121 | A Guide for Operation of Civil Airfields in the Russian Federation About Light Marking of Tall and Extended Structures. REGA RF‑94 | Design | 1994 |
| 122 | A Guide for Setting up Local Announcement Systems in NPP Location Regions. RD EO 0638-2005 | Design | 2005 |
| 123 | SO 153-34.03.204, RD 34.03.204 Safety Regulations in Working with Tools and Accessories | Design | 2008 |
| 124 | RD EO 1.1.2.25.0161-2009 Operating Organization Guiding Document. Requirements for Carrying out Incoming and Operational Inspections of Ion-Exchange Resins for Nuclear Power Plants with Water-Cooled Water-Moderated Power-Generating Reactor. | Design | 2009 |
| 125 | RTM TEP-01-77 Guiding Technical Material. Guidelines on Heating and Ventilation Systems for Storage Battery and Acid Storage Rooms at Thermal and Nuclear Power Plants. | Design | 1977 |
| 126 | Standard Regulation on Certifying Managers, Specialists, and Employees of JSC Rosenergoatom Concern (JSC Rosenergoatom Concern's Order No  11123 dated 27.08.2010). | Design | 2010 |
| 127 | RD EO 1.1.2.28.0781-2008 System for Automated Chemical Monitoring of Water Media at Nuclear Power Plants Equipped with a VVER-1000 Water Cooled Water-Moderated Power-Generating Reactors.  General specifications. | Design | 2008 |
| 128 | Standard List of Job Tasks for the Positions of Operative Personnel for Which Rostekhnadzor Permissions on Conducting the Technological Process at Nuclear Power Plants shall be Granted TP 1.3.3.3.99.0076-2010 | Design | 2010 |
| 129 | R 50.1.028-2001 Information Technologies Required for Maintenance of Life Cycles of Products. Functional Simulation Methods | Design | 2001 |
| 130 | P 50.1.029-2001 Interactive Electronic Manuals. General Requirements for Contents, Styles and Formats | Design | 2001 |
| 131 | R 50.1.030-2001 Information Technologies Required for Maintenance of Life Cycles of Products.  Interactive Electronic Manuals. Requirements for Logic Structures of Databases | Design | 2001 |
| 132 | RD 153-34.0-20.527-98 Guidelines for Calculations of Short-Circuit Current and Selection of Electric Equipment | Design | 1998 |

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| **Item** | **Title and designation** | **NPP Stages** | **Issue year** |
| 133 | MU 34-70-035-83, SO 34.20.807 Methodical Guidelines for Calculating Protections in the DC Power System of Thermal Power Plants and Substations | Design | 1983 |
| 134 | RD 52.04.253-90 Methodology of Predicting the Extent of Contamination with Highly Toxic Substances at Accidents (Destruction) on Chemically Hazardous Facilities and Transport | Design | 1990 |
| **1** | **4. Third Party Guides** |  |  |
| 1 | US NRC Regulatory guide RG 1.97 - only for PAMS 1983 Instrumentation for light-water cooled nuclear power plantss to assess plant and environs conditions during and following an accident | Design | 1983 |
| 2 | Basic provisions of KKS Revision 4, 1995 | Design | 1995 |
| 3 | Volume A. General guide on KKS application. Revision 1, 1988; | Design | 1988 |
| 4 | Volume B. Section B1. Guide on KKS application in heat-mechanics Revision 1, 1988 | Design | 1988 |
| 5 | Volume B. Section B2. Guide on KKS application in the construction Revision 1, 1988 | Design | 1988 |
| 6 | Volume B. Section B3. Guide on KKS application in electrical engineering and I&C Revision 1, 1988; | Design | 1988 |
| 7 | Volume B. Section B4. Guide on KKS application in I&C Revision 1, 1993 | Design | 1993 |
| 8 | KKS Codes Reference Book, 1991 | Design | 1991 |
| 9 | USNRC RG 1.208, A Performance-Based Approach to Define the Site-Specific Earthquake Ground Motion, 2007. | Design | 2007 |
| 10 | ASCE 4-98. Seismic Analysis of Safety-Related Nuclear Structures and Commentary, American Society of Civil Engineers, 1998. | Design | 1998 |
| 11 | ASCE 43-05 Seismic Design Criteria for Structures, Systems and Components in Nuclear Facilities | Design | 2005 |