

## ABBREVIATIONS

|         |  |
|---------|--|
| ALARA   | As Low As Reasonably Achievable                          |
| AMPD    | Annual Maximum Permissible Dose                          |
| ASKRO   | Automatic Situation Control System                       |
| ASSET   | Assessment of Safety Significant Event Team              |
| ATWS    | Anticipated Transient Without SCRAM                      |
| BDBA    | Beyond Design Basis Accident                             |
| CCP     | Central Control Post                                     |
| CPS AR  | Absorber rods of the Control and Protection System       |
| CR      | Cooling Reservoir  |
| CWR     | Consortium of Western regulators                         |
| DBA     | Design Basis Accident                                    |
| DBE     | Design Basis Earthquake                                  |
| DE      | Design Earthquake  |
| DL      | Dead Storage Level                                       |
| EAP     | Environmental Action Plan                                |
| EBRD    | European Bank for Reconstruction and Development         |
| EC      | European Commission                                      |
| ECC     | Emergency Control Centre                                 |
| EDF     | Electricit  de France                                    |
| ECCS    | Emergency Core Cooling System                            |
| EIA     | Environmental Impact Assessment                          |
| EIS     | Environmental Impact Statement                           |
| ERM     | Environmental Radiation Monitoring system                |
| ESI     | Environmental Safety Inspectorate                        |
| EU      | European Union   |
| EURATOM | European Atomic Energy Community                         |
| FA      | Fuel Assembly  |
| FMT     | Filtering Material Tank                                  |
| HDFSR   | High-Density Fuel Storage Racks                          |
| HP      | High Pressure  |
| HP ECCS | High Pressure ECCS                                       |
| IAEA    | International Atomic Energy Agency                       |
| ICRP    | International Commission for Radiological Protection     |
| IFADS   | Incorrect Fuel Assembly Detection System                 |
| IRS     | Ionizing Radiation Sources                               |
| KNPP    | Khmel'nitsky NPP   |
| K2NPP   | Khmel'nitsky NPP unit number 2                           |
| LLN     | Long Lived Nuclides                                      |
| LOCA    | Lost Of Coolant Accident                                 |
| LP      | Low pressure   |
| LPECCS  | Low Pressure ECCS  |
| LRW     | Liquid Radioactive Waste                                 |
| MEPNS   | Ministry for Environmental Protection and Nuclear Safety |
| MHP     | Ministry of Health Protection                            |
| MLN     | Mixture of Long Lived Radionuclides                      |
| MPD     | Maximum Permissible Dose                                 |
| MPR     | Maximum Permissible Release                              |
| MRG     | Mixture of Isotopes of Inert Gases                       |
| NGO     | Non Governmental Organisation                            |
| NWL     | Normal Water Level                                       |

|           |  |
|-----------|--|
| NRA       | Nuclear Regulatory Administration  |
| NPP       | Nuclear Power Plant  |
| NSI       | Nuclear Safety Inspectorate  |
| OFAC      | Off-site Assessment Centre   |
| ORM       | Operational Radiation Monitoring   |
| OVNS      | English transcription of the Russian expression for "EIA"                    |
| OZ        | Observation Zone   |
| PCR       | Permissible Check Release  |
| PMG       | Project Management Group   |
| PSA       | Probabilistic Safety Assessment  |
| PWR       | Pressurised Water Reactor  |
| RCW       | Repair and Construction Work   |
| RF        | Russian Federation   |
| RNG       | Radioactive Noble Gases  |
| RNPP      | Rivne NPP  |
| R4NPP     | Rivne NPP unit number 4  |
| RW        | Radioactive Waste R&D Research and Development                               |
| SCRAM     | core emergency shut down   |
| SF        | Spent Fuel   |
| SFA       | Spent Fuel Assembly  |
| SG        | Specific Gravity   |
| SHW       | Solid Household Waste  |
| SLN       | Short Lived Nuclides   |
| SNFS      | Spent Nuclear Fuel Storage   |
| SPZ       | Sanitary Protection Zone   |
| SRT       | Stillage Residue Tank  |
| SPU       | Spent Ion Exchange Resin   |
| SRW       | Solid Radioactive Waste  |
| SSEC CSER | State Scientific Engineering Center of Control System and Emergency Response |
| ST        | Standby Tank   |
| SWS       | Sewage Sludge  |
| TACIS     | Technical Assistance to Commonwealth of Independent States                   |
| TSO       | Technical Support Organisation   |
| UGU-1-500 | Evaporator   |
| WSF       | Waste Solidification Facility  |