

GLOSSARY

EPC-companies (EPC – engineering, procurement, construction) are companies which implement turn-key projects. Functions of EPC-company include engineering, supplies, and construction.

EPCM-companies (EPCM – Engineering, Procurement, Construction, Management) are companies which use methods and means of turn-key projects portfolio management. The functions of an EPCM-company are engineering, supplies, construction, and project management.

GRI (Global Reporting Initiative) is an international non-governmental organization that developed corporate reporting guidelines in the field of sustainable development.

ISO means a series of international standards on company management system developed to provide for predictable and stable services quality.

NPP-2006. At the moment, it is the most up-to date typical design of Russian nuclear plant of new “3+” generation with an improved technical and economic performance. The project purpose is to achieve up-to-date safety and reliability characteristics alongside with optimized capital investments for plant construction. The design provides for use of VVER reactor with electric power output of at least 1150 MW (and an option for uprating to 1200 MW). Two NPP projects were developed under the approved technical assignment: Novovoronezh NPP-2 (General Designer JSC “Atomenergoproekt”, Moscow) and Leningrad NPP-2 (General Designer - JSC Saint Petersburg Research and Design Institute “Atomenergoproekt”).

Vendor is a company which manufactures and supplies products and services under its trade mark.

General Contractor is a party in the contractor’s agreement that commissions performance of certain types and packages of works under the agreement to dedicated contractor organizations (subcontractors). General Contractor is fully responsible to the Customer for package of subcontract works and their quality, timely elimination of defects, imperfections, etc.

Customer (Developer) is a person or legal entity intending to perform building, renovation, or other type of construction works for which a construction permit is required.

Engineering (lat. ingenium – inventiveness; knowledge) means engineering and advisory services of research, design and analytical nature, preparation of project feasibility study, drawing up of recommendations for production and management organization, i.e. a package of commercial services for preparation and assurance of production process and sales of products, for maintenance and operation of industrial, infrastructure, and other facilities.

Project documentation implies documentation consisting of information in the form of texts and charts (diagrams). It specifies architectural, functional and engineering, design and technical solutions for the purposes of construction and renovation of capital construction objects, their parts, as well as major repairs, if in the course of such repair, engineering data and other safety and reliability characteristics of capital construction objects are affected.

Design and survey works means a package of works including engineering survey, development of feasibility study, preparation of projects, detailed design documentation, drawing up of cost estimate documentation for the purposes of construction (new construction, extension, renovation, re-equipment) of facilities and buildings.

Detailed design documentation is documentation developed in accordance with the approved project documentation and intended for performance of construction works.

Radioactive substances are substances containing radioactive nuclides.

Construction means the entire process of NPP erection from design and survey to commissioning to the Customer.

Generating unit is a power station generator producing electric power.

Nuclear power is internal power of atomic cores released in case of nuclear fission or nuclear reactions.



Multi-D
engineering