




Nuclear Consultancy Services

A yellow circular icon containing three white vertical bars of varying heights, representing data or statistics.

UETMC has a cooperation agreement with prominent International companies in the field of Nuclear Industry who have well-trained and competent experts that worked together on a variety of project for several years.

A yellow circular icon containing a black silhouette of a nuclear reactor with smoke rising from it.

Our Team has extensive experience in the preparation and implementation of EPC contracts in various projects and countries. It helps our clients quickly come up the learning curve and save money and time.

A black circular icon containing a white silhouette of a nuclear reactor with smoke rising from it.

Safety of Operation and Business responsibility for environment and promotion of responsible operation culture are among our top priorities.

We are open for new ideas and are in constant search for creativity in new business ideas.

Nuclear Consultancy Services

NPP Project Development, Design, and Engineering

- Assisting design and engineering of multiple business value optimization decisions
- Expert evaluation and acceptance of the project designs, drawings, and multiple detailed designs documentation
- Engineering and economic assessment of decisions on various phases of the project implementation
- Monitoring of engineering surveying activity, environmental impact assessment
- Expertise of preliminary safety analysis reports (PSAR), probabilistic and deterministic risk models & analysis (PRA and DRA models), Final Safety Report (FSAR)
- Creation and implementation of the Owner's quality management system, collision and claims management
- Commissioning and beginning of commercial operations: optimization of operating schedules, maintenance periods, fuel campaign, etc.
- Project value management, evaluation of economic decisions, financial modeling
- Banking feasibility studies, documentation for financial institutions



Nuclear Consultancy Services

NPP Project Management, Engineering Procurement and Construction

- Development of business model and corporate strategy
- Multi-lot and open book principles translation into EPC implementation
- Tendering documentation, procurement policy, and evaluation specifications
- Development of the Owner's requirements to the EPC execution and various inherent technical requirements and terms of reference
- Organization of works and activities within the Owner's scope works progress monitoring and risk management system
- Supply chain management and suppliers' audit
- Supervision of Logistical, delivery and storage procedures, works acceptance, commissioning
- Configurations and changes management
- HSE policies, compliance monitoring at the site
- Site management, extraordinary situations, and incidents resolution
- Supervision of accounting and registration system for deliveries of equipment, materials, pipe, cables, etc.
- Acceptance, commissioning, and beginning of commercial operations: optimization of operations and maintenance schedules, fuel campaigns, etc.



Nuclear Consultancy Services

Promotion of Sustainable Business & Nuclear Safety Culture

- Organization of work with regulatory authorities over the preparation of smart regulation
- Best industry practices promotion and adaptation
- Renewable energy generation and storage solutions design and integration
- Assistance in liaising with authorities, cooperation with international agencies
- Assisting our clients in the establishment of specialized entities responsible for cooperation with suppliers of equipment, materials, and services
- Support in public awareness and project acceptance matters
- Recruitment, staffing, training and certification of personnel
- Developing efficient site restoration and waste management solutions, funding these activities
- Qualified expert support in international professional organizations and communities
- Research and development monitoring and support.





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