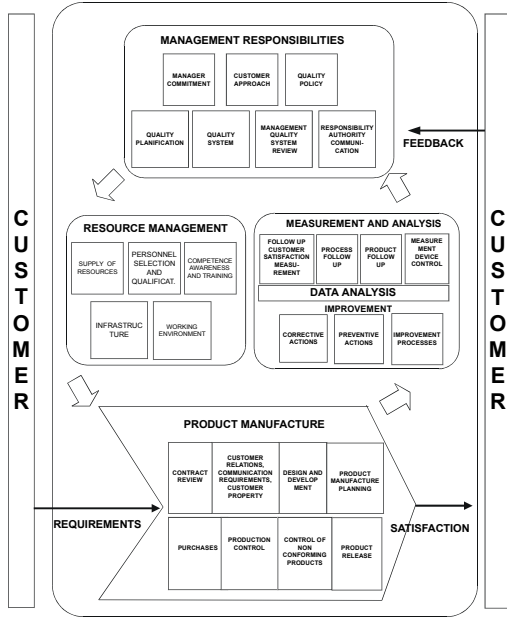


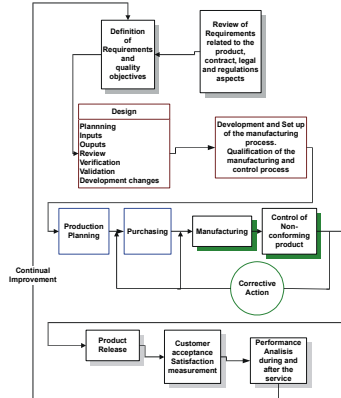
Quality Management Program According to the ISO 9001: 2000 for the High Density Research Reactor Fuel Development Project (CADRIP)

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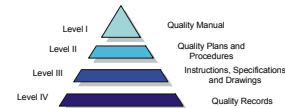
QUALITY MANAGEMENT: PROCESS



CADRIP PROCESSES



CADRIP DOCUMENTATION QUALITY LEVELS



SPECIAL CHARACTERISTICS OF THE QUALITY SYSTEM

- * Establishment of specific Plans of Quality for each Project where the organizational structure is described, with a clear assignment of responsibilities, the involved processes and the applicable documentation.
- * Constitution of a Quality Committee conformed for each Project by the Project Manager, the Technical Coordinator and the Responsible for quality, design, production, safety and other members, that has, among others, the function of deciding the dispositions of corrective and preventive actions and to carry out their follow up and assessment.
- * Application of the following research and development and innovation (R+D+) tools:
 - ◆ Identification of technological information necessities.
 - ◆ Search, analysis, treatment and diffusion of the scientific information or useful techniques for the organization.
 - ◆ Valuation of the information.
 - ◆ Technological forecast.
 - ◆ Creativity to generate innovative ideas.
 - ◆ Characterization of evolution scenarios based on external technological developments.
 - ◆ Internal analysis to inventory abilities and knowledge of the human resources.
- * Tendency to integrate the quality system with environmental, hygiene and security, ethical and social, risks, knowledge management systems.
- * License of facilities and the personnel that has a direct responsibility with the radiological and nuclear security for an external entity (Regulatory Body).
- * Systematizing of the functions and tasks that guarantee the radiological and nuclear security.
- * Technical competition: *External Qualification of the Project* to manufacture certain products, accepted by the client and a *Confirmation* that the product is under conditions of satisfying the client's requirements (Product Validation).
- * Intensive use of simulation techniques and evaluation of risks for their prevention.
- * Maintenance of the identification and trazability from the raw material to the final product also keeping in mind their cycle of life and later disposition.
- * Feedback of the information of the analysis of the nuclear fuel performance during and after the nuclear service used for the innovative and continuous improvement.
- * Qualification of the special processes.
- * Harmonization of different systems of quality and alignment with those of the client, creating a quality net with all the participants.
- * Development of Suppliers. Internal and external suppliers' qualification.

DIFFERENCE OF APPLICATION OF QUALITY MANAGEMENT STANDARDS IN THE NUCLEAR AND CONVENTIONAL INDUSTRY

