



Contribution ID: 1271

Type: not specified

## P3.224 Project & Quality Management activities of ENEA's Fusion Program and use of the Primavera P6 software

*Wednesday, 19 September 2018 11:00 (2 hours)*

ENEA through the Department of Fusion and Technologies for Nuclear Safety (FSN) actively participates, playing a fundamental role, in the realization of ITER, contributing with the industry to the design and construction of many components ranging from diagnostic, power supply systems, superconducting magnets and Test Blanket Module auxiliary systems. The French Nuclear Safety Authority (ASN), has requested the Domestic Agencies (DA) of the seven Parties and, consequently, all the suppliers, to adopt a Quality Assurance Program. EU DA F4E defined the Supplier Quality Requirements in the QA document F4E-QA-115. ENEA fully meets these requirements, having a Quality Management System (QMS) in compliance with the UNI EN ISO 9001 standard since 2011. This paper describes the experience acquired at ENEA in the implementation of the QMS and the adoption of the Project Management (PM) approach in the execution of supplies for the Fusion program, applying quality and PM techniques to the phases of the project starting from the presentation of the proposal to F4E calls, the execution and the closing of the contract. The QM requirements, as for F4E-115, related to the organization of the activities, roles definition and responsibilities, risk management, document control, configuration management are fully in line with the provisions of ENEA's QMS. The required Quality Plans describe how ENEA implements the QMS during the progress of the works. These processes are documented providing objective evidence of their effectiveness. The PM approach is adopted to monitor the progress of the activities, to ensure that the contract's requirements are met and to maintain the evidence of the compliance. The tool adopted, according with the ITER's high level choice, is Primavera P6, the standard recognized on the market as a solution for the management of highly sophisticated and large-scale projects. This paper also describes the experience gained in its application.

**Presenter:** VOUKELATOU, Konstantina (FSN ENEA)

**Session Classification:** P3