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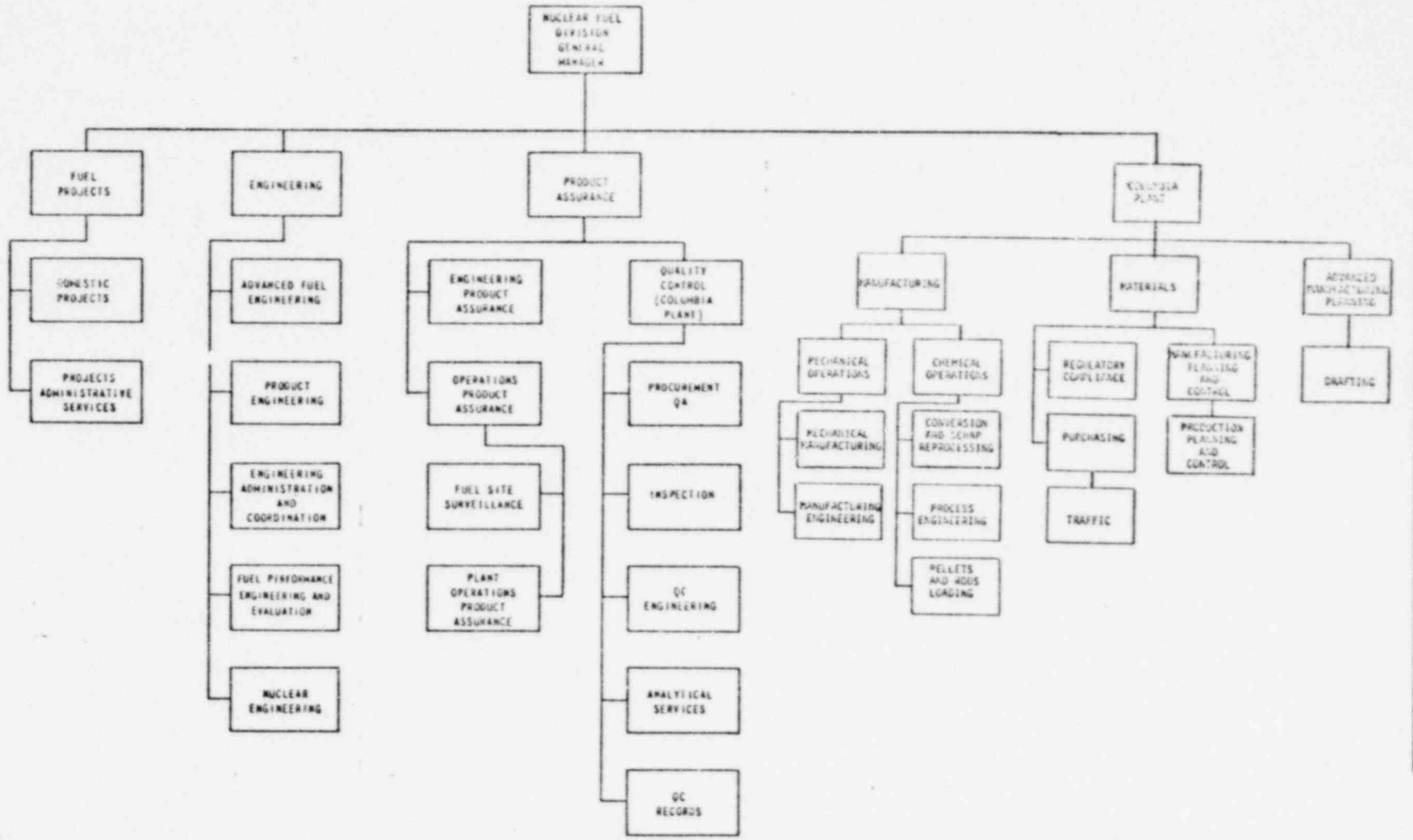


Figure 2-1. Quality Assurance Functional Organization for the Nuclear Fuel Division

Engineering Product Assurance has responsibility for maintaining the Product Assurance Department Manual, for review and approval of procedures contained in the Engineering and Fuel Projects manuals, and has the lead responsibility for conducting audits of these activities to verify compliance.

Operations Product Assurance has responsibility for review and approval of procedures contained in the Quality Control and Manufacturing manuals, and has lead responsibility for audits of these departments. Fuel Site Surveillance is responsible for surveillance at the reactor sites and for providing assistance to utilities during initial core loading and reload operations. Plant Operations Product Assurance is responsible for representing NFD in customer and regulatory audits of the Columbia, S.C., manufacturing plant and for recommending and monitoring any resulting follow-up actions.

Quality Control is responsible for review and approval of drawings and specifications; for surveillance and approval of suppliers; and for inspection of supplier and plant materials, parts, components, and assemblies for conformance with design specifications, with authority to accept or reject and to place hold or stop-work restrictions on items or processes when warranted.

Quality Control is also responsible for training and qualification of inspection personnel; for participation, with Manufacturing, in the qualification and certification of special processes and personnel; and for certification of end products as compliant to design and customer requirements.

The term "quality assurance" as used herein is intended to cover the total plan of systematic actions necessary to provide confidence that all structures, systems, and components will perform satisfactorily in service. The term "quality control" is intended to encompass the specific phases of the quality assurance effort related to the control and measurement of specified characteristics of materials, structures, components, and systems for conformance with predetermined requirements. Responsibility for quality control functions at the Columbia plant lies with the Columbia Quality Control section, within the Product Assurance department, with responsibilities as described above.

2.2. FUEL PROJECTS DEPARTMENT

The Fuel Projects department has responsibility for the overall administration of utility contracts and for providing information required by the functional departments for each specified contract. Documents which transmit such information as related to product quality are controlled by detailed procedures.