



DUKE COGEMA
STONE & WEBSTER

MOX Fuel Fabrication Facility

NRC Visit of Process Design Group

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Summary

- Organization
- Roles and Responsibilities
- Delegation of Work
& Delegation of Authority
- Definition of Work



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Organization

- MPQAP
 - Section 1.2.1 : DCS Project Manager

Responsible for project management of all DCS MOX Fuel Project activities.
 - Section 1.2.3 : Deputy Project Manager - MFFF Engineering and Construction Manager

Responsible for the MFFF process and facility design.
 - Section 1.2.3.2 : MFFF Process Design Manager

The Process Design Manager reports to the Deputy Project Manager - MFFF engineering and Construction and is responsible for the design of the MFFF process and for the development of systems and equipment specifications that can be licensed by the NRC.
- Project Management Plan
 - Section 2.1 and the associated organizational charts

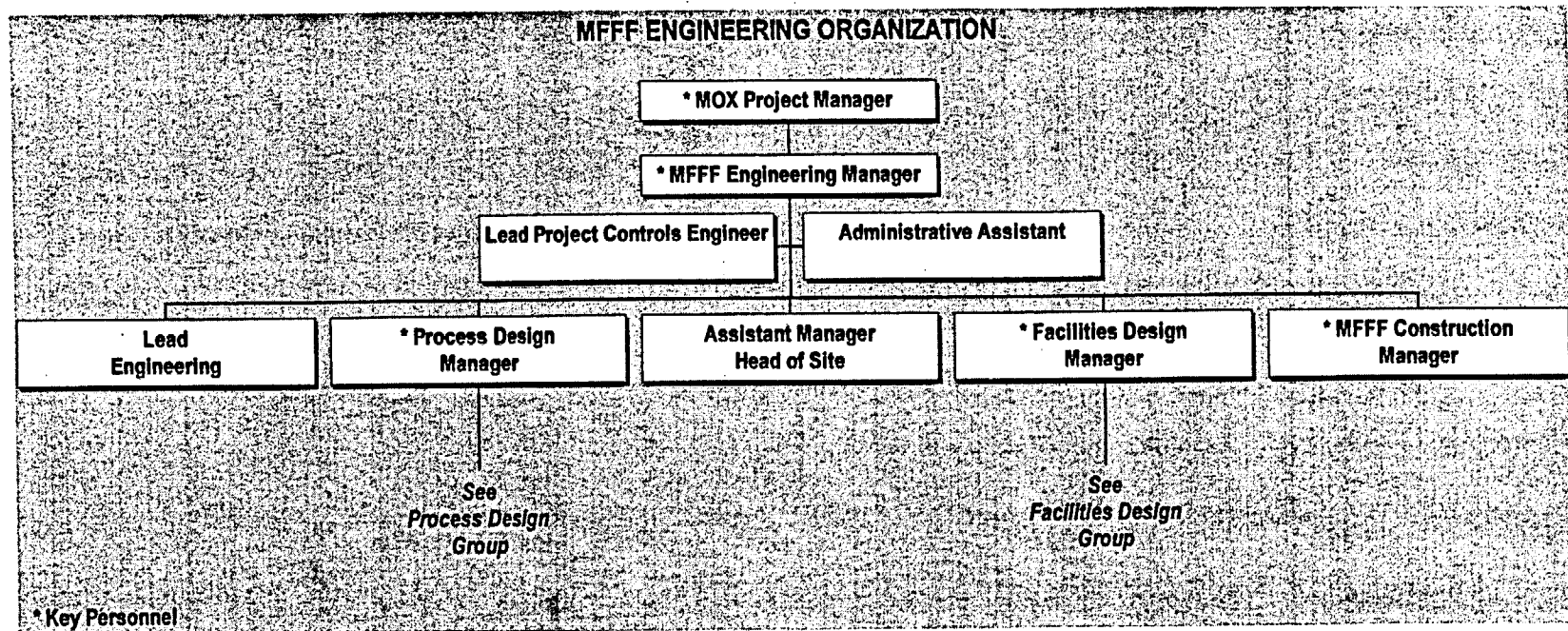


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Organization (Contd.)

- EG2-0

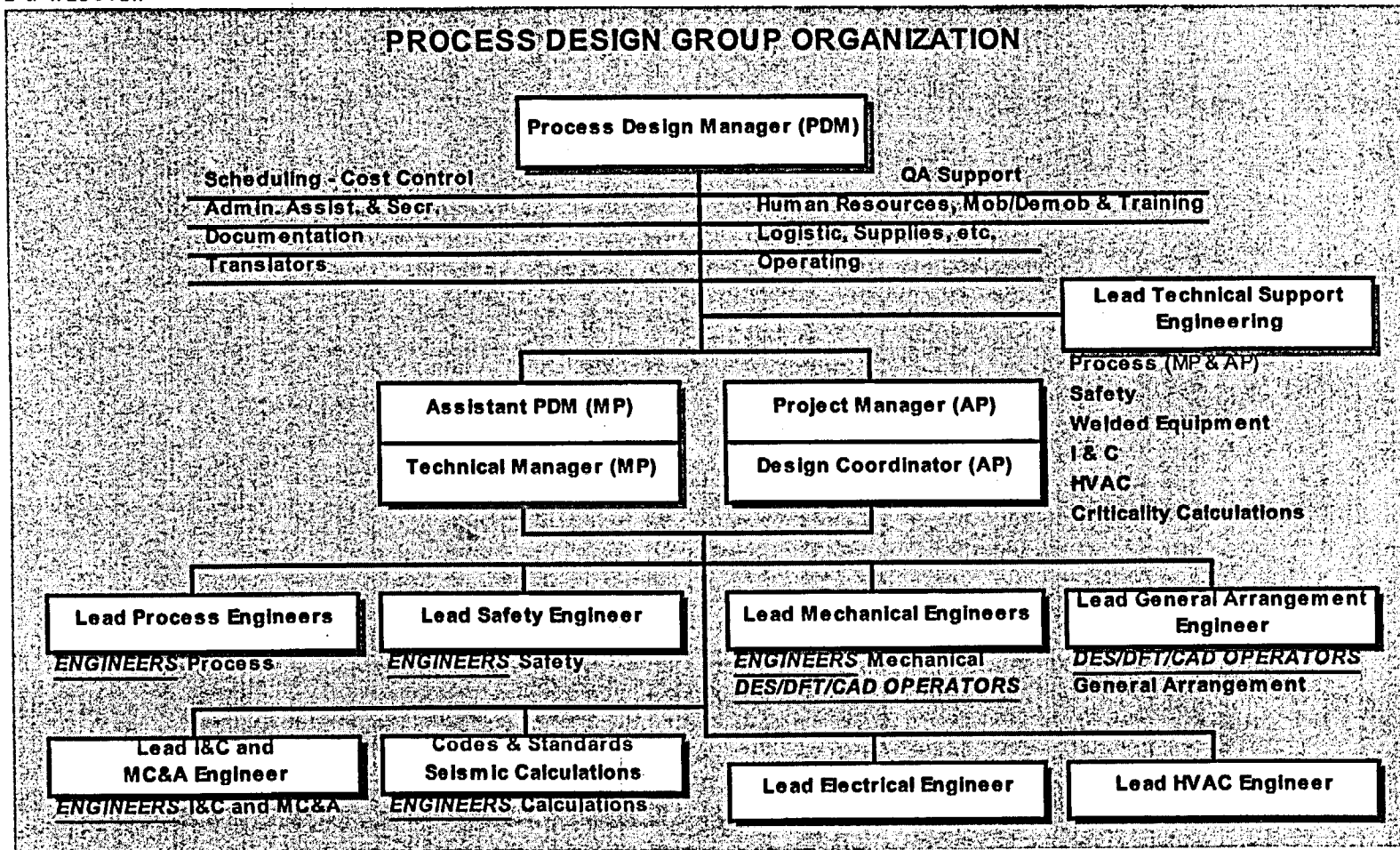
- EG2-0 defines the structure and chain of command for the MFFF Engineering Organization (Attach A)





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Organization (Contd.)





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Roles and Responsibilities

- Defined in MPQAP and detailed in EG2-0
 - EG2-0 Section 3.4 : Process Design Group Role and Responsibilities

The Process Design Group acts as “System Engineers” for the process and equipment. This includes responsibility for:

 - *Defining the overall process parameters*
 - *Defining all process equipment requirements*
 - *Defining support system requirements from a process perspective*
 - *Proposing overall plant layout*
 - *Providing basis of design, system descriptions, calculations and other technical documents as well as basic layout drawings for process equipment*
 - *Review and approval of all design documents determined to be germane to process design*



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Roles and Responsibilities (contd.)

- EG2-0 defines the Role and Responsibilities for the various supervisory personnel (Attach B)
- EG2-0 defines in section 3.5 the relationship between the Facilities Design Group (S&W, DE&S and NFS) and the Process Design Group (COGEMA-SGN/Belgonucléaire)

The Facilities Design Group will receive the process information from the Process Design Group and implement into the final design documents. The Process Design Group will review and have approval authority over any features that affect the process. This is to be accomplished by a formal process to ensure that this review and approval by the Process Design Group is executed correctly. This formal review process is to be in accordance with PP9-3, Design Control, and the implementing procedure for each type of design document and will cover the SSCs in the various process areas.



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Delegation of work & Delegation of Authority

- MPQAP section 1.4 : Delegation of Work

Responsible managers have the authority to delegate tasks to another qualified individual within their organization provided the designated individual and their qualifications are documented. All delegations shall be in writing. The responsible manager retains the ultimate responsibility and accountability for implementing the applicable requirements.

- EG2-0 Attach B : details the responsibilities of the supervisory personnel

- Process Design Manager (PDM)
- Aqueous Polishing Project Manager
- MOX Process Technical Manager
- Lead Technical Support Engineer - PDG
- Lead Discipline Engineers (LDE - PDG)