HR31 Project Management Training

Revised September 1997

Non-Project Managers Qualification Standard (May 1995)

Quality Assurance

	Level Required:	F = Familiarity W=Working E=Expert D=Demonstrated Ability	Project Management Overview (Includes PMC11 Train-Trainer)	Best Practices in DOE Project Management	Project Planning	Cost & Schedule Estimation & Analysis	Project Execution	Life Cycle Cost Estimating	Systems Engineering	Project Risk Analysis and Management	Budgeting & Accountiing for DOE Program/Project Managers	Program Management Overview	Program Planning	Program Execution, Control, & Evaluation	Effective Managerial Decision Making	Contracting Officer's Representative	Acquisition Management for Technical Personnel	Performance Based Management Contracting	Life Cycle Asset Management
Required Competencies:			PMC10	PMMS5	PMMS1	PMMS2	PMMS3	PMCE01	PMCE02	PMCE03	PMMS11	PGM01	PGM02	PGM05	PGM06	PRS17	PRS25	PSIN28	PSIN29
2.7 Familiarity level knowledge of life cycle asset management																			
requirements for defense nuclear facilities																			
2.7a. Discuss the implementation requirements for DOE Order 430.1,			F	F															F
Life Cycle Asset Management, at defense nuclear facilities																			
2.7b. Define the following terms: life cycle, physical asset, strategic			F	F	F	F	F	F	F							F	F		F
system, line item project, value engineering																			
2.7c. Discuss the application of DOE Order 430.1, Life Cycle Asset			F	F	F	F	F	F	F	F	F					F	F	F	F
Management requirements for the following: asset management																			
performance measures, physical asset acquisition, operation																			
and maintenance of physical assets, disposition of physical asse																			
2.7d. Discuss the responsibilities and authorities for implementing			F	F	F	F	F												F
the requirements of DOE Order 430.1, Life Cycle Asset																			
Management																			
2.7e. Describe the relationship and application of the following																			
standards: Standards/Requirements Identification Documents																			
(S/RIDS) and Work Smart Standards																			
2.8 Familiarity level knowledge of the DOE operational configuration																			
management program																			
2.8a. Describe the purpose and objectives of the Operational			F	F	F		F												
Configuration Management Program																			
2.8b. Discuss the following elements of the contractor's Configuration			F	F			F												
Management Plan: program planning, equipment scope criteria																			
concepts and terminology, interfaces, databases, procedures																			
2.8c. Discuss the following elements of the Configuration Management			F	F	F	F	F		F										
Program: design requirements, document control, change																			

control, assessments, design reconstitution adjunct, materials																			
condition																			
2.8d. Discuss the purpose, concepts, and general process for applying			F	F	F	F	F		F	F									
the graded approach to operational configuration management																			
4.7 Familiarity level knowledge of program and project management																			
4.7a. Explain the purpose of project management as it relates to			F	F	F		F		F			F		F					
quality assurance activities																			
4.7b. Describe typical documents and data sources utilized in project			F	F	F	F	F	F	F	F	F	W	W	W	W	F	F	F	F
management																			
4.7c. Identify and explain the major elements of a project and discuss			F	F	F	F	F	F	F	F	F								F
their relationship																			
4.7d. Explain the purpose and use of a Project Execution Plan (PEP)			F	F	F	F	F											F	F
4.7e. Discuss the role of configuration management as it relates to			F	F	F		F												
project management																			
4.7f. Describe the purpose and use of work packages and/or planning			F	F	W	F	W									F		F	
packages																			
4.7g. Describe the purpose of schedules and discuss the use of			F	F	F	F	F		F			F	W	F	F				
milestones and activities																			
4.7h. Describe the requirements for program/project files and			F	F			F									F			F
documentation																			