

OFFICE OF SCIENCE PROJECT MANAGEMENT DECISION/APPROVAL MATRIX (Updated 6/24/08)

TOTAL PROJECT COST (TPC)		\$750M or more	Less than \$750M to \$400M	Less than \$400M to \$100M	Less than \$100M to \$20M	Less than \$20M to \$5M
			Delegation Allowed to SC-1 for less than \$400M		Delegation Allowed	
DECISION/APPROVAL						
Prior to CD-0, Mission Need Statement		Reviewed by PA&E Approved by SC-1	Reviewed by PA&E Approved by SC-1	Reviewed by PA&E Approved by SC-1	Reviewed by SC-28 Approved by SC-1	Reviewed by SC-28 Approved by SC-AD
Prior to CD-1, Acquisition Strategy		Reviewed by OEMC Approved by SC-1	Reviewed by SC-28 Approved by SC-1	Reviewed by SC-28 Approved by SC-1	Reviewed by SC-28 Approved by SC-1	Reviewed by SC-28 Approved by SC-AD
CRITICAL DECISIONS	CD-0 --Approve Mission Need	S-2	US-SC	US-SC delegated to SC-1	SC-1	SC-AD
	CD-1 --Approve Alternative Selection and Cost Range	S-2	US-SC	US-SC delegated to SC-1	SC-1 delegated to SC AD	PM or SOM if delegated
	CD-2 --Approve Performance Baseline	S-2	US-SC	US-SC delegated to SC-1	SC-1 delegated to SC AD	PM or SOM if delegated
	CD-3 --Approve Start of Construction	S-2	US-SC	US-SC delegated to SC-1	SC-1 delegated to SC AD	PM or SOM if delegated
	CD-4 --Approve Start of Operation or Project Completion	S-2	US-SC	US-SC delegated to SC-1	SC-1 delegated to SC AD	PM or SOM if delegated
BASELINE MANAGEMENT	Deviations	If performance, scope, schedule, or cost baseline at CD-2 cannot be met, then S-2 must be notified & a determination made to terminate the project or establish a new performance baseline.				N/A
	New Performance Baseline Approval	S-2 approval is needed if cumulative change in Performance Baseline of >6 months or >\$25M or 25% of Original Cost Baseline at CD-2 or change in scope not meeting the mission need or not in conformance with the Project Execution Plan; or US-SC approval if preceding threshold is not exceeded; or PSO approval if delegated.				N/A
	Directed Change	Project changes caused by DOE Policy Directive, Regulatory, or Statutory action such as changes in approved budget or requirements.				
	Routine Project Changes/Control	Program	SC-1	SC-1	SC-AD	SC AD
Project		PM, SOM or FPD (Optional)	PM, SOM or FPD (Optional)	PM, SOM or FPD (Optional)	PM, SOM or FPD (Optional)	PM, SOM or FPD (Optional)
Contractor		Contractor	Contractor	Contractor	Contractor	Contractor
PEP --Project Execution Plan Approval		S-2	US-SC	US-SC delegated to SC-1	SC-1 delegated to SC AD	PM or SOM if delegated
Site Selection		S-2	S-2	S-2	S-2	N/A
REVIEWS	EIR --External Independent Review by OEMC	Prior to CD-2 & CD-3	Prior to CD-2	Prior to CD-2	N/A	N/A
	IPR --Independent Project Review by SC-28	Prior to CD-0 (by SC Programs)	Prior to CD-3	Prior to CD-3	Prior to CD-2 & CD-3	Optional prior to CD-2 & CD-3
	ORR/RA --Operational Readiness Review/Readiness Assessment by Program	Prior to CD-4	Prior to CD-4	Prior to CD-4	Prior to CD-4	Prior to CD-4
	Design Review*	Prior to CD-1, CD-2, CD-3	Prior to CD-1, CD-2, CD-3	Prior to CD-1, CD-2, CD-3	Prior to CD-1, CD-2, CD-3	Optional
	Technical IPR for Nuclear Facility**	Prior to CD-1	Prior to CD-1	Prior to CD-1	Prior to CD-1	Optional
PARS Reporting (EVMS for Projects >\$20 M)		Monthly Project Status After CD-0 and Monthly Project Performance After CD-2				Monthly Project Status After CD-0
QPPR --Quarterly Project Performance Review		Quarterly After CD-0 by SAE/AE				N/A
FPD --Federal Project Director		Appointed by SAE at CD-1	Appointed by AE at CD-1			

AD=Associate Director; AE=Acquisition Executive; EIR=External Independent Review Conducted by OEMC; FPD=Federal Project Director; IPR =Independent Project Review Conducted by SC; ORR=Operational Readiness Review Conducted by SC; PARS= Project Analysis and Reporting System; PM=HQ Office of Science Program Manager; S-2=Deputy Secretary; SAE=Seceretary Acquisition Executive; SC=Office of Science; SC-1=Director, Office of Science; SOM=Site Office Manager; US-SC=Under Secretary of Science; *=Design Reviews by individuals external to the project.; **=for high risk, hazard, and Category 1, 2, &3 nuclear facilities only