

	Analysis Attributes/Documentation				How Analysis Supports Selected Regulatory Areas				
	Approach	Acceptance Criteria	Analysis QA Standard	Lic Basis Document	SSC Safety Class	Tech Spec	Procedures	Used for Siting (<25 rem)	Environ Reviews (SAMDA)
AOOs	Risk Assess (PRA)	SAFDL, SARRDL, Part 20	PRA Reg Guide (1.200*), 50.69, Realistic mean values	Chapters 15/19	Non-Safety systems with enhanced regulatory treatment (e.g. NSRST, RTNSS, 50.69, D-RAP, etc.)	50.36 criteria 1,2,3, or 4	Normal, Alarm, AOPs	No	No
DBEs		FPB (eg, SAFDL, SARRDL), F-C (PAG option)					EOP	Yes	
BDBEs		Safety Goal (PAG option)					Guidelines (eg.,SAMGs, FSGs)		Yes
Functional Containment Basis									
EP-basis		PAGs				No	EP		
DBAs	Deterministic	FPB, 50.34	Appendix B	Chapter 15	Safety Related	Yes	EOP	No	No
External Events	Probabilistic Hazards Analysis  Role of “design basis external events (DBEE)”?	Facility protection requirements	PRA Reg Guide (1.200*), Realistic mean values	Chapters 2/3/19	Safety related for DBEEs?	Via equipment qualification Or 50.36 criteria 1,2,3, or 4	OPs, AdmPs, EDMGs	Yes	Yes

**Acronyms:**

AdmPs – Administrative Procedures

AOOs – Anticipated Operational Occurrences

AOPs – Abnormal Operating Procedures SAFDL

BDBEs – Beyond Design Basis Events

DBA – Design Basis Accident

DBEs – Design Basis Events

EDMGs – Extensive Damage Mitigation Guidelines

EOP – Emergency Operating Procedures EP – Emergency Planning

F-C – Frequency-Consequence

FPB- Fission Product Barrier

FSG – Flex Support Guidelines

NSRST – Non-Safety Related with Special Treatment

OPs – Operating Procedures

PAGs – Protective Action Guidelines

QA – Quality Assurance

RTNSS – Regulatory Treatment of Non-Safety Systems

SAMG – Severe Accident Management Guidelines

SAFDL - Specified Acceptable Fuel Design Limits

SAMDA - Severe Accident Mitigation Design Alternatives

SARRDL - Specified Acceptable Core Radionuclide Release Design Limit

SSC – Systems, Structures and Components