

Appendix D – List of Major Components

This Appendix contains a list of major components by unit type. Report all work performed on these components using the instructions given in Section III “Event Reporting.”

Auxiliary systems or equipment used exclusively to support the major component are considered part of the major component. For pumps this would include such items as motors, steam turbines, couplings and self-contained lube oil systems. For turbines it would include items such as the lube oil system, major isolation and control valves, etc. Auxiliary air system or a service water system are not considered as part of a major component.

Major Components for Fossil Steam Units

Boiler (casing, tubes & headers)	Feedwater Pumps
Preheaters	Circulating Water Pumps
Induced Draft Fans	Precipitators
Forced Draft Fans	Turbines
Recirculation Fans	Generators
Pulverizers	Main Transformers
Burners	Condensers
Boiler Circulation Pumps	Condensate/Feedwater Heaters
Condensate Pumps	Scrubbers
Condensate Booster Pumps	

Major Components for Nuclear Units

Reactor Coolant System Pressure Boundaries (including safety and/or relief valves)	Feedwater Pumps
Control Rod Drives & Mechanisms	Condensate/Feedwater Pumps
Reactor Internals	Condensers
Fuel	Circulating Water Pumps
Reactor Coolant Pumps	Moisture Separator Reheaters
Condensate Pumps	Turbines
Condensate Booster Pumps	Generators
	Main Transformers

Major Components for Gas Turbines and Jet Engines

Engines
Generators
Startup System
Exciter

Major Components for Pumped Storage and Hydro Units

Turbines
Generators
Exciters

Major Components for Combined Cycle & Co-Generation Unit Blocks

Gas Turbines
Heat Recovery Steam Generators (waste heat boiler)
Steam Turbines
Generators
Exciters
Feedwater Pumps
Circulating Water Pumps
Main Transformers
Burners
Condensers
Boiler Circulation Pumps
Condensate/Feedwater Heaters
Condensate Pumps