

Nuclear Steam Systems

Early Warning of Key Equipment **Failure** Modes

EQUIPMENT TYPES

Performance Bearing Failures Lube Mechanical Damage/Wear Leakage/Seal Failures Fouling Process Deviations Electrical Motor/Drive

Reactor Coolant Circuit

Reactor Coolant Pumps

Reactor Recirculation Pump

Steam Generators

RCP Coolant Pump Seals

BALANCE OF PLANT

Steam Turbine

Main Feed Pump

Generator

Condensor

Feed Water Heater

Transformers

Centrifugal Pumps & Fluid Transport

Control Valves

Gear Boxes

				X	X		X		
		X	X	X	X		X		X
		X	X	X	X		X		X
	X						X		
				X	X				
	X	X	X	X	X	X	X		X
	X	X	X	X	X	X	X		X
		X	X	X	X		X	X	