BWR Totals

SYSTEM	**DESIGN INFORMATION**																	
For underground piping segments in the system:	**One or more underground segments?**	**Safety Related?**	**Contains Licensed Radioactive Material?**	**Contains Environ- mentally Hazardous Material?**	**Predominant material on the exterior side of the piping. Enter "1" for all that apply**								**Piping Classes Enter a "1" for all that apply**				**Subjected to Sec XI quarterly O&M flow tests?**	**Comments, including piping materials "C" or "O"**
System	1 or blank	1,0	1,0	1,0	AL	CU	C*	FE	O*	P	S	SS	1	2	3HE	3	1,0	
Typical Underground Systems																		
Aux./Emergency Feedwater System (PWR)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Auxiliary Steam System	3	0	3	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0
Carbon Dioxide (CO2) Supply System	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Chilled Water System	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Closed/Component Cooling Water System	1	1	0	0	0	0	0	0	0	0	1	0	0	0	0	1	1	0
Cooling Tower Blowdown	6	0	4	2	0	0	2	0	1	0	4	1	0	0	0	0	0	0
Condensate System	17	3	17	5	2	0	1	1	0	0	11	9	0	0	0	2	3	0
Condensate Demineralizer System	2	1	1	0	0	0	0	0	0	0	1	1	0	0	0	1	1	0
Condensate and Feedwater Chem. Cntl. Sys.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CVC/Makeup and Purification Sys. (PWR)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Demin. Water Storage and Transfer Sys.	1	0	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Diesel Fuel Oil System	30	17	1	30	0	0	0	5	2	0	25	1	0	0	0	3	1	0
Diesel Lube Oil System	6	1	0	6	0	0	0	3	0	0	3	0	0	0	0	0	0	0
Equipment and Floor Drains System	9	0	7	4	0	1	0	3	3	2	5	3	0	0	0	0	0	0
Emergency/Standby Gas Treatment System	12	8	9	0	1	0	0	0	0	0	11	0	0	1	0	1	1	0
Essential Service Water System	27	27	0	2	0	0	1	5	1	0	21	1	0	1	0	22	24	0
Essential Air System	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Feedwater System	3	0	3	1	0	0	0	0	0	0	2	1	0	0	0	0	0	0
Fire Protection System (Water)	3	3	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0
Fire Protection System (Chemical)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Fuel Oil Storage and Transfer System	20	5	2	20	0	1	1	5	1	2	15	0	0	0	0	1	0	0
Gaseous Waste Management System (PWR)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
High Pressure Core Spray System (BWR)	9	7	8	3	1	0	0	0	0	0	2	7	0	2	0	3	5	0
HPSI System (PWR)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hydrogen Supply System	2	0	0	2	0	0	0	0	0	0	1	1	0	0	0	0	0	0
Hydrogen Water Chemistry System	2	0	0	2	0	0	0	0	0	0	3	0	0	0	0	0	0	0
Instrument Air Supply System	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Insulating Oil System	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Liquid Waste Management System	18	1	15	10	0	0	0	0	3	0	15	3	0	0	0	0	0	0
Lube Oil System	9	0	1	9	0	0	0	4	0	0	5	0	0	0	0	0	0	0
Main Generator Hydrogen Cooling System	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Makeup Demineralizer System	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Nitrogen Supply System	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Nonessential Service Water System	6	5	1	1	0	2	1	0	0	0	5	0	0	0	0	1	2	0
Offgas System (BWR)	19	6	16	6	0	1	0	3	0	0	16	2	0	0	0	2	0	0
Plant Hot Water System	2	0	2	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0
Potable Water Distribution System	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Raw Water Makeup System	2	1	0	1	0	0	0	0	0	0	1	1	0	0	0	1	1	0
Reactor Core Iso. Cooling Sys. (BWR)	7	6	6	3	0	0	0	0	0	0	0	7	0	3	0	3	3	0
Sanitary Waste Processing System	5	0	1	4	0	0	0	3	2	4	2	0	0	0	0	0	0	0
RHR/LPCI System (BWR)	6	2	5	2	0	0	0	1	0	0	3	2	0	0	0	1	1	0
RHR/LPSI System (PWR)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Service Air System	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Steam Generator Blowdown System (PWR)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Turbine Drains and Misc. Piping Sys.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Turbine Bldg. Closed Cooling Water System	2	0	2	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0
Wastewater Disposal System	3	0	0	3	0	0	0	2	0	0	1	0	0	0	0	0	0	0
Yard Handling and Maintenance System	4	0	4	0	0	0	1	1	0	1	3	0	0	0	0	0	0	0
Water Filtration System	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

BWR Totals

SYSTEM	DESIGN INFORMATION																	
For underground piping segments in the system:	One or more underground segments?	Safety Related?	Contains Licensed Radioactive Material?	Contains Environ-mentally Hazardous Material?	Predominant material on the exterior side of the piping. Enter "1" for all that apply								Piping Classes Enter a "1" for all that apply				Subjected to Sec XI quarterly O&M flow tests?	Comments, including piping materials "C" or "O"
System	1 or blank	1,0	1,0	1,0	AL	CU	C*	FE	O*	P	S	SS	1	2	3HE	3	1,0	
Other Systems that may be Underground	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Access Corridors Environmental Cntl. Sys.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Admin. Bldg. Environmental Cntl. Sys.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Aux. Bldg. Environmental Control System	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Boron Recycle System (PWR)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Breathing Air System	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cask Decontamination System	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cntl. Bldg./Complex Environ. Cntl. Sys.	1	1	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0	0
Condensate Storage and Transfer System	21	7	20	5	1	0	0	0	0	0	13	15	0	4	0	2	3	0
Condenser Tube Cleaning System	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Condenser Vacuum System	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Diesel Cooling Water System	4	4	0	0	0	0	0	0	0	2	4	0	0	0	0	2	2	0
Diesel Generator Starting Air System	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Emerg. Onsite Pwr. Supp. Bldg. Env. Cntl. Sys.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EOF Environ. Control Sys.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Feedwater Pump Injection and Misc. Sys.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Fuel Bldg. Environmental Control Sys.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Fuel Pool Cooling and Purification System	3	0	3	0	1	0	0	0	0	0	2	1	0	0	0	0	0	0
Gland Seal Water Supply System	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Heat Rejection Chemical Treatment System	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Heat Rejection System	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HP Heater and MSR Drains and Vents System	1	0	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Isolation Condenser System (BWR)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Laboratory Gas System	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Leak Monitoring System	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Low Pressure Core Spray System (BWR)	4	4	4	1	0	0	0	0	0	0	2	2	0	1	0	0	1	0
LP Heater Drains and Vents System	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lube Oil Storage and Transfer System	10	0	3	10	0	0	0	6	0	0	4	0	0	0	0	0	0	0
Main Generator Gas Purge System	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Main Generator Seal Oil System	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Main Generator Stator Cooling System	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Main Turbine Control Fluid System	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Main Turbine System	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Main/Reheat Steam System	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Material and Eqipment Handling System	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Miscellaneous Turbine Vents System	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Plant Exhaust System	4	0	4	0	1	0	3	0	0	0	0	0	0	0	0	0	0	0
Pumping Station Environmental Cntl. Sys.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Radwaste Bldg. Environmental Cntl. Sys.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Reactor Bldg. Environmental Cntl. Sys.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Removable Chemical Cleaning System	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sampling and Water Quality System	1	0	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Security Bldg. Environmental Cntl. Sys.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Service Bldg. Environmental Cntl. Sys.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Shield Annulus Return and Exhaust System	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sludge Waste Dewatering System	1	0	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Solid Waste Management System	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Standby Liquid Control System (BWR)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Steam Extraction System	3	0	3	0	0	0	0	0	0	0	3	1	0	0	0	0	0	0
Steam Generator Blowdown System (PWR)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Suppression Pool Makeup System (BWR)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Suppression Pool Purification Sys. (BWR)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Tech. Support Ctr. Environ. Cntl. Sys.	1	0	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Turbine Bldg. Environ. Cntl. Sys.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Turbine Lube Oil System	3	0	0	3	0	0	0	3	0	0	0	0	0	0	0	0	0	0
Turbine Steam Seal System	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ultimate Heat Sink System	5	0	2	3	0	0	3	0	0	0	4	0	0	0	0	0	0	0
Visitors Center Environ. Cntl. Sys.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Water Treatment Bldg. Environ. Cntl. Sys.	1	0	0	1	0	0	0	0	0	1	0	1	0	0	0	0	0	0
Welding Gas System	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

BWR Totals

SYSTEM	DESIGN INFORMATION																	
For underground piping segments in the system:	One or more underground segments?	Safety Related?	Contains Licensed Radioactive Material?	Contains Environmentally Hazardous Material?	Predominant material on the exterior side of the piping. Enter "1" for all that apply								Piping Classes Enter a "1" for all that apply				Subjected to Sec XI quarterly O&M flow tests?	Comments, including piping materials "C" or "O"
System	1 or blank	1,0	1,0	1,0	AL	CU	C*	FE	O*	P	S	SS	1	2	3HE	3	1,0	
Plant Specific Important Underground Systems	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Containment Spray	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Primary Water Storage and Transfer	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Water Treatment Systems	4	0	0	4	0	0	0	0	0	4	0	0	0	0	0	0	0	0
Miscellaneous Oil Systems	1	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0
Circulating Water System	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
					AL	CU	C	FE	O	P	S	SS						
TOTALS	**304**	**110**	**150**	**146**	**7**	**5**	**13**	**49**	**13**	**16**	**201**	**60**	**0**	**12**	**0**	**47**	**49**	

BWR Totals

SYSTEM For underground piping segments in the system:	LEAKAGE EVENT INFORMATION 2007 Number of Events	Initiation, Enter a "1" for the initiator of each leak			Cause Codes, Enter "1" for the most applicable cause of each leak									2008 Number of Events	Initiation, Enter a "1" for the initiator of each leak			Cause Codes, Enter "1" for the most applicable cause of each leak									2009 Number of Events	Initiation, Enter a "1" for the initiator of each leak			Cause Codes, Enter "1" for the most applicable cause of each leak								
System		ID	OD	?	Crk	Gal	GC	Lea	Mec	MIC	O	Ovd	Pit		ID	OD	?	Crk	Gal	GC	Lea	Mec	MIC	O	Ovd	Pit		ID	OD	?	Crk	Gal	GC	Lea	Mec	MIC	O	Ovd	Pit
Typical Underground Systems																																							
Aux./Emergency Feedwater System (PWR)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Auxiliary Steam System	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Carbon Dioxide (CO2) Supply System	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Chilled Water System	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Closed/Component Cooling Water System	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cooling Tower Blowdown	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Condensate System	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	3	0	0	2	0	0	0	0	0	0	1
Condensate Demineralizer System	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Condensate and Feedwater Chem. Cntl. Sys.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CVC/Makeup and Purification Sys. (PWR)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Demin. Water Storage and Transfer Sys.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Diesel Fuel Oil System	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Diesel Lube Oil System	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Equipment and Floor Drains System	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	1	0	0	0	0	0	0	0
Emergency/Standby Gas Treatment System	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Essential Service Water System	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	1	1	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Essential Air System	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Feedwater System	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Fire Protection System (Water)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	1	0	0	0	0
Fire Protection System (Chemical)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Fuel Oil Storage and Transfer System	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gaseous Waste Management System (PWR)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
High Pressure Core Spray System (BWR)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HPSI System (PWR)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hydrogen Supply System	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hydrogen Water Chemistry System	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Instrument Air Supply System	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Insulating Oil System	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Liquid Waste Management System	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
Lube Oil System	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Main Generator Hydrogen Cooling System	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Makeup Demineralizer System	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Nitrogen Supply System	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Nonessential Service Water System	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Offgas System (BWR)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Plant Hot Water System	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Potable Water Distribution System	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Raw Water Makeup System	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Reactor Core Iso. Cooling Sys. (BWR)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sanitary Waste Processing System	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
RHR/LPCI System (BWR)	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
RHR/LPSI System (PWR)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Service Air System	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Steam Generator Blowdown System (PWR)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Turbine Drains and Misc. Piping Sys.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Turbine Bldg. Closed Cooling Water System	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wastewater Disposal System	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Yard Handling and Maintenance System	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Water Filtration System	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

BWR Totals

SYSTEM	LEAKAGE EVENT INFORMATION																																						
	2007													2008														2009												
For underground piping segments in the system:	Number of Events	Initiation, Enter a "1" for the initiator of each leak			Cause Codes, Enter "1" for the most applicable cause of each leak									Number of Events	Initiation, Enter a "1" for the initiator of each leak			Cause Codes, Enter "1" for the most applicable cause of each leak									Number of Events	Initiation, Enter a "1" for the initiator of each leak			Cause Codes, Enter "1" for the most applicable cause of each leak								
System		ID	OD	?	Crk	Gal	GC	Lea	Mec	MIC	O	Ovd	Pit		ID	OD	?	Crk	Gal	GC	Lea	Mec	MIC	O	Ovd	Pit		ID	OD	?	Crk	Gal	GC	Lea	Mec	MIC	O	Ovd	Pit
Other Systems that may be Underground	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Access Corridors Environmental Cntl. Sys.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Admin. Bldg. Environmental Cntl. Sys.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Aux. Bldg. Environmental Control System	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Boron Recycle System (PWR)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Breathing Air System	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cask Decontamination System	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cntl. Bldg./Complex Environ. Cntl. Sys.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Condensate Storage and Transfer System	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2	0	0	2	0	0	0	0	0	0	0
Condenser Tube Cleaning System	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Condenser Vacuum System	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Diesel Cooling Water System	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Diesel Generator Starting Air System	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Emerg. Onsite Pwr. Supp. Bldg. Env. Cntl. Sys.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EOF Environ. Control Sys.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Feedwater Pump Injection and Misc. Sys.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Fuel Bldg. Environmental Control Sys.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Fuel Pool Cooling and Purification System	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gland Seal Water Supply System	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Heat Rejection Chemical Treatment System	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Heat Rejection System	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HP Heater and MSR Drains and Vents System	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Isolation Condenser System (BWR)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Laboratory Gas System	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Leak Monitoring System	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Low Pressure Core Spray System (BWR)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LP Heater Drains and Vents System	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lube Oil Storage and Transfer System	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Main Generator Gas Purge System	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Main Generator Seal Oil System	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Main Generator Stator Cooling System	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Main Turbine Control Fluid System	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Main Turbine System	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Main/Reheat Steam System	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Material and Eqipment Handling System	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Miscellaneous Turbine Vents System	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Plant Exhaust System	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pumping Station Environmental Cntl. Sys.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Radwaste Bldg. Environmental Cntl. Sys.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Reactor Bldg. Environmental Cntl. Sys.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Removable Chemical Cleaning System	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sampling and Water Quality System	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Security Bldg. Environmental Cntl. Sys.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Service Bldg. Environmental Cntl. Sys.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Shield Annulus Return and Exhaust System	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sludge Waste Dewatering System	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Solid Waste Management System	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Standby Liquid Control System (BWR)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Steam Extraction System	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Steam Generator Blowdown System (PWR)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Suppression Pool Makeup System (BWR)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Suppression Pool Purification Sys. (BWR)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Tech. Support Ctr. Environ. Cntl. Sys.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Turbine Bldg. Environ. Cntl. Sys.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Turbine Lube Oil System	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Turbine Steam Seal System	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ultimate Heat Sink System	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Visitors Center Environ. Cntl. Sys.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Water Treatment Bldg. Environ. Cntl. Sys.	1	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Welding Gas System	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

BWR Totals

SYSTEM	LEAKAGE EVENT INFORMATION																																						
	2007													2008													2009												
For underground piping segments in the system:	Number of Events	Initiation, Enter a "1" for the initiator of each leak			Cause Codes, Enter "1" for the most applicable cause of each leak									Number of Events	Initiation, Enter a "1" for the initiator of each leak			Cause Codes, Enter "1" for the most applicable cause of each leak									Number of Events	Initiation, Enter a "1" for the initiator of each leak			Cause Codes, Enter "1" for the most applicable cause of each leak								
System		ID	OD	?	Crk	Gal	GC	Lea	Mec	MIC	O	Ovd	Pit		ID	OD	?	Crk	Gal	GC	Lea	Mec	MIC	O	Ovd	Pit		ID	OD	?	Crk	Gal	GC	Lea	Mec	MIC	O	Ovd	Pit
Plant Specific Important Underground Systems	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Containment Spray	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Primary Water Storage and Transfer	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Water Treatment Systems	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Miscellaneous Oil Systems	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Circulating Water System	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTALS	**1**	**0**	**1**	**0**	**0**	**0**	**0**	**0**	**1**	**0**	**0**	**0**	**0**	**4**	**2**	**1**	**1**	**0**	**0**	**0**	**0**	**1**	**0**	**2**	**0**	**1**	**7**	**0**	**6**	**1**	**0**	**5**	**0**	**0**	**1**	**0**	**0**	**0**	**1**

BWR Totals

SYSTEM For underground piping segments in the system:	2010 Number of Events	Initiation, Enter a "1" for the initiator of each leak			Cause Codes, Enter "1" for the most applicable cause of each leak									LEAK TOTALS Total Number of Events	Initiation, Enter a "1" for the initiator of each leak			Cause Codes, Enter "1" for the most applicable cause of each leak								
System		ID	OD	?	Crk	Gal	GC	Lea	Mec	MIC	O	Ovd	Pit		ID	OD	?	Crk	Gal	GC	Lea	Mec	MIC	O	Ovd	Pit
Typical Underground Systems																										
Aux./Emergency Feedwater System (PWR)	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**												
Auxiliary Steam System	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**												
Carbon Dioxide (CO2) Supply System	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**												
Chilled Water System	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**												
Closed/Component Cooling Water System	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**												
Cooling Tower Blowdown	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**												
Condensate System	1	0	0	1	0	0	0	0	0	0	1	0	0	**4**		**3**	**1**		**2**					**1**		**1**
Condensate Demineralizer System	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**												
Condensate and Feedwater Chem. Cntl. Sys.	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**												
CVC/Makeup and Purification Sys. (PWR)	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**												
Demin. Water Storage and Transfer Sys.	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**												
Diesel Fuel Oil System	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**												
Diesel Lube Oil System	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**												
Equipment and Floor Drains System	1	0	1	0	0	0	0	0	0	0	0	1	0	**2**		**2**			**1**						**1**	
Emergency/Standby Gas Treatment System	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**												
Essential Service Water System	2	1	0	1	0	0	0	0	0	0	0	1	1	**4**	**1**	**1**	**2**					**1**		**1**	**1**	**1**
Essential Air System	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**												
Feedwater System	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**												
Fire Protection System (Water)	5	0	0	5	0	0	0	0	5	0	0	0	0	**6**			**6**					**6**				
Fire Protection System (Chemical)	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**												
Fuel Oil Storage and Transfer System	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**												
Gaseous Waste Management System (PWR)	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**												
High Pressure Core Spray System (BWR)	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**												
HPSI System (PWR)	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**												
Hydrogen Supply System	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**												
Hydrogen Water Chemistry System	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**												
Instrument Air Supply System	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**												
Insulating Oil System	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**												
Liquid Waste Management System	0	0	0	0	0	0	0	0	0	0	0	0	0	**1**	**1**											**1**
Lube Oil System	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**												
Main Generator Hydrogen Cooling System	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**												
Makeup Demineralizer System	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**												
Nitrogen Supply System	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**												
Nonessential Service Water System	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**												
Offgas System (BWR)	3	2	0	1	0	0	0	0	0	0	3	0	0	**3**	**2**		**1**							**3**		
Plant Hot Water System	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**												
Potable Water Distribution System	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**												
Raw Water Makeup System	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**												
Reactor Core Iso. Cooling Sys. (BWR)	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**												
Sanitary Waste Processing System	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**												
RHR/LPCI System (BWR)	0	0	0	0	0	0	0	0	0	0	0	0	0	**1**	**1**									**1**		
RHR/LPSI System (PWR)	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**												
Service Air System	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**												
Steam Generator Blowdown System (PWR)	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**												
Turbine Drains and Misc. Piping Sys.	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**												
Turbine Bldg. Closed Cooling Water System	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**												
Wastewater Disposal System	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**												
Yard Handling and Maintenance System	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**												
Water Filtration System	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**												
	0	0	0	0	0	0	0	0	0	0	0	0	0													

BWR Totals

SYSTEM	2010													LEAK TOTALS												
For underground piping segments in the system:	Number of Events	Initiation, Enter a "1" for the initiator of each leak			Cause Codes, Enter "1" for the most applicable cause of each leak									Total Number of Events	Initiation, Enter a "1" for the initiator of each leak			Cause Codes, Enter "1" for the most applicable cause of each leak								
System		ID	OD	?	Crk	Gal	GC	Lea	Mec	MIC	O	Ovd	Pit		ID	OD	?	Crk	Gal	GC	Lea	Mec	MIC	O	Ovd	Pit
Other Systems that may be Underground	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**												
Access Corridors Environmental Cntl. Sys.	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**												
Admin. Bldg. Environmental Cntl. Sys.	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**												
Aux. Bldg. Environmental Control System	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**												
Boron Recycle System (PWR)	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**												
Breathing Air System	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**												
Cask Decontamination System	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**												
Cntl. Bldg./Complex Environ. Cntl. Sys.	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**												
Condensate Storage and Transfer System	0	0	0	0	0	0	0	0	0	0	0	0	0	**2**		**2**			**2**							
Condenser Tube Cleaning System	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**												
Condenser Vacuum System	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**												
Diesel Cooling Water System	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**												
Diesel Generator Starting Air System	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**												
Emerg. Onsite Pwr. Supp. Bldg. Env. Cntl. Sys.	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**												
EOF Environ. Control Sys.	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**												
Feedwater Pump Injection and Misc. Sys.	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**												
Fuel Bldg. Environmental Control Sys.	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**												
Fuel Pool Cooling and Purification System	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**												
Gland Seal Water Supply System	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**												
Heat Rejection Chemical Treatment System	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**												
Heat Rejection System	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**												
HP Heater and MSR Drains and Vents System	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**												
Isolation Condenser System (BWR)	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**												
Laboratory Gas System	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**												
Leak Monitoring System	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**												
Low Pressure Core Spray System (BWR)	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**												
LP Heater Drains and Vents System	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**												
Lube Oil Storage and Transfer System	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**												
Main Generator Gas Purge System	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**												
Main Generator Seal Oil System	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**												
Main Generator Stator Cooling System	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**												
Main Turbine Control Fluid System	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**												
Main Turbine System	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**												
Main/Reheat Steam System	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**												
Material and Eqipment Handling System	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**												
Miscellaneous Turbine Vents System	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**												
Plant Exhaust System	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**												
Pumping Station Environmental Cntl. Sys.	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**												
Radwaste Bldg. Environmental Cntl. Sys.	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**												
Reactor Bldg. Environmental Cntl. Sys.	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**												
Removable Chemical Cleaning System	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**												
Sampling and Water Quality System	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**												
Security Bldg. Environmental Cntl. Sys.	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**												
Service Bldg. Environmental Cntl. Sys.	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**												
Shield Annulus Return and Exhaust System	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**												
Sludge Waste Dewatering System	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**												
Solid Waste Management System	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**												
Standby Liquid Control System (BWR)	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**												
Steam Extraction System	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**												
Steam Generator Blowdown System (PWR)	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**												
Suppression Pool Makeup System (BWR)	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**												
Suppression Pool Purification Sys. (BWR)	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**												
Tech. Support Ctr. Environ. Cntl. Sys.	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**												
Turbine Bldg. Environ. Cntl. Sys.	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**												
Turbine Lube Oil System	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**												
Turbine Steam Seal System	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**												
Ultimate Heat Sink System	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**												
Visitors Center Environ. Cntl. Sys.	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**												
Water Treatment Bldg. Environ. Cntl. Sys.	1	0	0	1	0	0	0	0	1	0	0	0	0	**2**		**1**	**1**					**2**				
Welding Gas System	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**												
	0	0	0	0	0	0	0	0	0	0	0	0	0													

BWR Totals

SYSTEM	2010													LEAK TOTALS												
For underground piping segments in the system:	Number of Events	Initiation, Enter a "1" for the initiator of each leak			Cause Codes, Enter "1" for the most applicable cause of each leak									Total Number of Events	Initiation, Enter a "1" for the initiator of each leak			Cause Codes, Enter "1" for the most applicable cause of each leak								
System		ID	OD	?	Crk	Gal	GC	Lea	Mec	MIC	O	Ovd	Pit		ID	OD	?	Crk	Gal	GC	Lea	Mec	MIC	O	Ovd	Pit
Plant Specific Important Underground Systems	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**												
	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**												
	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**												
	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**												
	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**												
	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**												
	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**												
	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**												
	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**												
	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**												
	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**												
	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**												
	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**												
	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**												
	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**												
	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**												
Containment Spray	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**												
Primary Water Storage and Transfer	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**												
Water Treatment Systems	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**												
Miscellaneous Oil Systems	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**												
Circulating Water System	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**												
TOTALS	**13**	**3**	**1**	**9**	**0**	**0**	**0**	**0**	**6**	**0**	**4**	**2**	**1**	**25**	**5**	**9**	**11**	**0**	**5**	**0**	**0**	**9**	**0**	**6**	**2**	**3**

PWR Totals

SYSTEM	DESIGN INFORMATION																	
For underground piping segments in the system:	One or more underground segments?	Safety Related?	Contains Licensed Radioactive Material?	Contains Environ-mentally Hazardous Material?	Predominant material on the exterior side of the piping. Enter "1" for all that apply								Piping Classes Enter a "1" for all that apply				Subjected to Sec XI quarterly O&M flow tests?	Comments, including piping materials "C" or "O"
System	1 or blank	1,0	1,0	1,0	AL	CU	C*	FE	O*	P	S	SS	1	2	3HE	3	1,0	
Typical Underground Systems																		
Aux./Emergency Feedwater System (PWR)	28	22	12	3	0	0	1	0	0	0	17	13	0	0	0	18	12	0
Auxiliary Steam System	9	1	8	0	0	0	1	2	0	0	6	0	0	0	0	1	0	0
Carbon Dioxide (CO2) Supply System	1	0	0	1	0	0	0	0	0	0	1	1	0	0	0	0	0	0
Chilled Water System	4	0	4	0	0	0	0	0	0	0	3	1	0	0	0	0	0	0
Closed/Component Cooling Water System	6	1	5	0	0	0	1	0	0	0	4	0	0	0	0	1	0	0
Cooling Tower Blowdown	6	0	6	4	0	0	0	0	3	2	1	0	0	0	0	0	0	0
Condensate System	22	7	20	0	0	0	1	3	0	0	13	9	0	1	0	6	7	0
Condensate Demineralizer System	12	0	8	5	0	0	0	0	3	1	7	2	0	0	0	0	0	0
Condensate and Feedwater Chem. Cntl. Sys.	10	0	3	10	0	0	0	3	0	1	6	7	0	0	0	0	0	0
CVC/Makeup and Purification Sys. (PWR)	10	6	9	1	0	0	0	0	0	0	1	9	0	6	0	3	6	0
Demin. Water Storage and Transfer Sys.	3	0	3	0	0	0	0	0	0	0	3	2	0	0	0	0	0	0
Diesel Fuel Oil System	56	45	0	51	0	0	2	3	0	0	44	8	0	2	0	24	9	0
Diesel Lube Oil System	5	3	0	5	0	0	1	0	0	0	4	0	0	0	0	0	0	0
Equipment and Floor Drains System	20	0	16	11	0	0	3	6	3	2	14	9	0	1	0	1	0	0
Emergency/Standby Gas Treatment System	1	1	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Essential Service Water System	59	59	10	9	2	4	8	4	0	1	50	10	0	2	0	54	38	0
Essential Air System	2	2	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0
Feedwater System	3	0	3	0	0	0	0	0	0	0	2	3	0	0	0	0	0	0
Fire Protection System (Water)	6	3	0	1	0	0	2	5	0	3	4	0	0	0	0	2	0	0
Fire Protection System (Chemical)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Fuel Oil Storage and Transfer System	33	11	2	33	0	0	2	3	1	2	26	3	0	0	0	5	4	0
Gaseous Waste Management System (PWR)	6	1	6	0	0	0	0	0	0	0	6	1	0	0	0	1	0	0
High Pressure Core Spray System (BWR)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HPSI System (PWR)	7	7	7	0	0	0	0	0	0	0	0	7	0	5	0	0	7	0
Hydrogen Supply System	13	1	0	10	0	0	1	0	0	0	10	3	0	0	0	0	0	0
Hydrogen Water Chemistry System	1	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Instrument Air Supply System	7	6	0	0	0	1	0	0	0	0	6	0	0	2	0	0	0	0
Insulating Oil System	2	0	1	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0
Liquid Waste Management System	47	6	46	7	0	0	0	0	3	3	15	33	0	2	0	0	0	0
Lube Oil System	8	0	0	8	0	0	0	0	0	0	8	0	0	0	0	0	1	0
Main Generator Hydrogen Cooling System	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Makeup Demineralizer System	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Nitrogen Supply System	1	0	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Nonessential Service Water System	12	0	9	6	0	0	3	0	3	2	9	0	0	0	0	0	2	0
Offgas System (BWR)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Plant Hot Water System	2	0	2	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0
Potable Water Distribution System	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Raw Water Makeup System	4	3	0	1	0	0	0	0	0	0	4	0	0	0	0	3	0	0
Reactor Core Iso. Cooling Sys. (BWR)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sanitary Waste Processing System	4	0	0	4	0	0	0	3	0	0	1	1	0	0	0	0	0	0
RHR/LPCI System (BWR)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
RHR/LPSI System (PWR)	12	10	12	0	0	0	0	0	0	0	0	12	0	10	0	4	7	0
Service Air System	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Steam Generator Blowdown System (PWR)	18	7	15	3	0	0	0	0	1	2	15	1	0	0	0	0	0	0
Turbine Drains and Misc. Piping Sys.	9	0	8	2	0	0	1	0	0	0	6	2	0	0	0	0	0	0
Turbine Bldg. Closed Cooling Water System	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wastewater Disposal System	15	2	14	7	0	0	0	3	3	7	9	2	0	0	0	0	0	0
Yard Handling and Maintenance System	12	0	12	1	0	0	2	3	2	4	8	1	0	0	0	0	0	0
Water Filtration System	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

PWR Totals

SYSTEM	DESIGN INFORMATION																	
For underground piping segments in the system:	One or more underground segments?	Safety Related?	Contains Licensed Radioactive Material?	Contains Environ-mentally Hazardous Material?	Predominant material on the exterior side of the piping. Enter "1" for all that apply								Piping Classes Enter a "1" for all that apply				Subjected to Sec XI quarterly O&M flow tests?	Comments, including piping materials "C" or "O"
System	1 or blank	1,0	1,0	1,0	AL	CU	C*	FE	O*	P	S	SS	1	2	3HE	3	1,0	
Other Systems that may be Underground	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Access Corridors Environmental Cntl. Sys.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Admin. Bldg. Environmental Cntl. Sys.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Aux. Bldg. Environmental Control System	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Boron Recycle System (PWR)	4	0	4	0	0	0	0	0	0	0	1	4	0	0	0	0	0	0
Breathing Air System	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cask Decontamination System	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cntl. Bldg./Complex Environ. Cntl. Sys.	1	1	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Condensate Storage and Transfer System	10	2	10	0	0	0	0	1	0	0	8	4	0	1	0	0	0	0
Condenser Tube Cleaning System	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Condenser Vacuum System	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Diesel Cooling Water System	1	1	0	1	0	0	0	0	0	0	0	1	0	0	0	1	0	0
Diesel Generator Starting Air System	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Emerg. Onsite Pwr. Supp. Bldg. Env. Cntl. Sys.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EOF Environ. Control Sys.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Feedwater Pump Injection and Misc. Sys.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Fuel Bldg. Environmental Control Sys.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Fuel Pool Cooling and Purification System	4	1	4	1	0	0	0	0	0	0	0	4	0	0	0	0	0	0
Gland Seal Water Supply System	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Heat Rejection Chemical Treatment System	1	0	0	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0
Heat Rejection System	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HP Heater and MSR Drains and Vents System	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Isolation Condenser System (BWR)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Laboratory Gas System	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Leak Monitoring System	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Low Pressure Core Spray System (BWR)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LP Heater Drains and Vents System	1	0	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Lube Oil Storage and Transfer System	4	0	0	4	0	0	0	0	0	0	4	0	0	0	0	0	0	0
Main Generator Gas Purge System	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Main Generator Seal Oil System	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Main Generator Stator Cooling System	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Main Turbine Control Fluid System	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Main Turbine System	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Main/Reheat Steam System	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Material and Eqipment Handling System	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Miscellaneous Turbine Vents System	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Plant Exhaust System	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pumping Station Environmental Cntl. Sys.	1	0	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Radwaste Bldg. Environmental Cntl. Sys.	1	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
Reactor Bldg. Environmental Cntl. Sys.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Removable Chemical Cleaning System	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sampling and Water Quality System	6	0	6	0	0	0	0	0	0	2	2	2	0	0	0	0	0	0
Security Bldg. Environmental Cntl. Sys.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Service Bldg. Environmental Cntl. Sys.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Shield Annulus Return and Exhaust System	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sludge Waste Dewatering System	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Solid Waste Management System	2	0	2	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0
Standby Liquid Control System (BWR)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Steam Extraction System	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Steam Generator Blowdown System (PWR)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Suppression Pool Makeup System (BWR)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Suppression Pool Purification Sys. (BWR)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Tech. Support Ctr. Environ. Cntl. Sys.	2	1	2	2	0	0	0	0	0	2	0	0	0	0	0	0	0	0
Turbine Bldg. Environ. Cntl. Sys.	3	0	3	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0
Turbine Lube Oil System	2	0	0	2	0	0	0	0	0	0	2	0	0	0	0	0	0	0
Turbine Steam Seal System	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ultimate Heat Sink System	21	9	12	4	0	1	13	0	2	0	7	1	0	2	0	5	0	0
Visitors Center Environ. Cntl. Sys.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Water Treatment Bldg. Environ. Cntl. Sys.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Welding Gas System	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

PWR Totals

SYSTEM	DESIGN INFORMATION																	
For underground piping segments in the system:	One or more underground segments?	Safety Related?	Contains Licensed Radioactive Material?	Contains Environmentally Hazardous Material?	Predominant material on the exterior side of the piping. Enter "1" for all that apply								Piping Classes Enter a "1" for all that apply				Subjected to Sec XI quarterly O&M flow tests?	Comments, including piping materials "C" or "O"
System	1 or blank	1,0	1,0	1,0	AL	CU	C*	FE	O*	P	S	SS	1	2	3HE	3	1,0	
Plant Specific Important Underground Syster	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Containment Spray	5	5	3	0	0	0	0	0	0	0	0	5	0	1	0	4	2	0
Primary Water Storage and Transfer	5	0	5	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0
Water Treatment Systems	4	0	0	4	0	0	0	0	3	4	0	0	0	0	0	0	0	0
Miscellaneous Oil Systems	4	1	1	3	0	0	0	0	1	0	4	0	0	0	0	1	0	0
Circulating Water System	16	4	9	3	0	1	7	0	3	0	11	0	0	0	0	3	0	0
					AL	CU	C	FE	O	P	S	SS						
TOTALS	**574**	**230**	**306**	**210**	**2**	**7**	**49**	**39**	**31**	**38**	**355**	**172**	**0**	**35**	**0**	**137**	**95**	

PWR Totals

SYSTEM	**LEAKAGE EVENT INFORMATION**																																						
	2007													**2008**														**2009**												
For underground piping segments in the system:	**Number of Events**	**Initiation, Enter a "1" for the initiator of each leak**			**Cause Codes, Enter "1" for the most applicable cause of each leak**									**Number of Events**	**Initiation, Enter a "1" for the initiator of each leak**			**Cause Codes, Enter "1" for the most applicable cause of each leak**									**Number of Events**	**Initiation, Enter a "1" for the initiator of each leak**			**Cause Codes, Enter "1" for the most applicable cause of each leak**								
System		ID	OD	?	Crk	Gal	GC	Lea	Mec	MIC	O	Ovd	Pit		ID	OD	?	Crk	Gal	GC	Lea	Mec	MIC	O	Ovd	Pit		ID	OD	?	Crk	Gal	GC	Lea	Mec	MIC	O	Ovd	Pit
Typical Underground Systems																																							
Aux./Emergency Feedwater System (PWR)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Auxiliary Steam System	1	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Carbon Dioxide (CO2) Supply System	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Chilled Water System	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Closed/Component Cooling Water System	1	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cooling Tower Blowdown	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	1	0	0	0	0
Condensate System	2	0	2	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	1	0	0	0	0	0	0
Condensate Demineralizer System	0	0	0	0	0	0	0	0	0	0	0	0	0	3	2	1	0	0	0	1	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Condensate and Feedwater Chem. Cntl. Sys.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CVC/Makeup and Purification Sys. (PWR)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Demin. Water Storage and Transfer Sys.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Diesel Fuel Oil System	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	1
Diesel Lube Oil System	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Equipment and Floor Drains System	1	0	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	1	0	0	0	0	0	0
Emergency/Standby Gas Treatment System	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Essential Service Water System	1	1	0	0	0	0	1	0	0	0	0	0	0	3	1	2	0	0	0	1	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0
Essential Air System	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Feedwater System	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Fire Protection System (Water)	1	0	0	1	0	0	0	0	0	0	1	0	0	1	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Fire Protection System (Chemical)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Fuel Oil Storage and Transfer System	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gaseous Waste Management System (PWR)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
High Pressure Core Spray System (BWR)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HPSI System (PWR)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hydrogen Supply System	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hydrogen Water Chemistry System	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Instrument Air Supply System	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Insulating Oil System	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Liquid Waste Management System	1	0	1	0	1	0	0	0	0	0	0	0	0	2	0	1	1	1	0	0	0	0	0	1	0	0	1	0	1	0	1	0	0	0	0	0	0	0	0
Lube Oil System	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Main Generator Hydrogen Cooling System	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Makeup Demineralizer System	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Nitrogen Supply System	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Nonessential Service Water System	1	0	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Offgas System (BWR)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Plant Hot Water System	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Potable Water Distribution System	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Raw Water Makeup System	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2	0	0	0	0	0	0	0	0	1	1
Reactor Core Iso. Cooling Sys. (BWR)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sanitary Waste Processing System	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
RHR/LPCI System (BWR)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
RHR/LPSI System (PWR)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Service Air System	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Steam Generator Blowdown System (PWR)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	1	1	0	0	0	1	0	0	0	1	0	0
Turbine Drains and Misc. Piping Sys.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Turbine Bldg. Closed Cooling Water System	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wastewater Disposal System	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	1	1	0	0	0	0	0	0	1	0	0	1
Yard Handling and Maintenance System	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Water Filtration System	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

PWR Totals

SYSTEM	LEAKAGE EVENT INFORMATION																																						
	2007													2008													2009												
For underground piping segments in the system:	Number of Events	Initiation, Enter a "1" for the initiator of each leak			Cause Codes, Enter "1" for the most applicable cause of each leak									Number of Events	Initiation, Enter a "1" for the initiator of each leak			Cause Codes, Enter "1" for the most applicable cause of each leak									Number of Events	Initiation, Enter a "1" for the initiator of each leak			Cause Codes, Enter "1" for the most applicable cause of each leak								
System		ID	OD	?	Crk	Gal	GC	Lea	Mec	MIC	O	Ovd	Pit		ID	OD	?	Crk	Gal	GC	Lea	Mec	MIC	O	Ovd	Pit		ID	OD	?	Crk	Gal	GC	Lea	Mec	MIC	O	Ovd	Pit
Other Systems that may be Underground	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Access Corridors Environmental Cntl. Sys.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Admin. Bldg. Environmental Cntl. Sys.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Aux. Bldg. Environmental Control System	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Boron Recycle System (PWR)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Breathing Air System	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cask Decontamination System	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cntl. Bldg./Complex Environ. Cntl. Sys.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Condensate Storage and Transfer System	1	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Condenser Tube Cleaning System	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Condenser Vacuum System	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Diesel Cooling Water System	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Diesel Generator Starting Air System	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Emerg. Onsite Pwr. Supp. Bldg. Env. Cntl. Sys.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EOF Environ. Control Sys.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Feedwater Pump Injection and Misc. Sys.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Fuel Bldg. Environmental Control Sys.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Fuel Pool Cooling and Purification System	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gland Seal Water Supply System	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Heat Rejection Chemical Treatment System	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Heat Rejection System	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HP Heater and MSR Drains and Vents System	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Isolation Condenser System (BWR)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Laboratory Gas System	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Leak Monitoring System	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Low Pressure Core Spray System (BWR)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LP Heater Drains and Vents System	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lube Oil Storage and Transfer System	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Main Generator Gas Purge System	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Main Generator Seal Oil System	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Main Generator Stator Cooling System	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Main Turbine Control Fluid System	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Main Turbine System	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Main/Reheat Steam System	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Material and Eqipment Handling System	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Miscellaneous Turbine Vents System	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Plant Exhaust System	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pumping Station Environmental Cntl. Sys.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Radwaste Bldg. Environmental Cntl. Sys.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Reactor Bldg. Environmental Cntl. Sys.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Removable Chemical Cleaning System	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sampling and Water Quality System	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Security Bldg. Environmental Cntl. Sys.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Service Bldg. Environmental Cntl. Sys.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Shield Annulus Return and Exhaust System	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sludge Waste Dewatering System	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Solid Waste Management System	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Standby Liquid Control System (BWR)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Steam Extraction System	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Steam Generator Blowdown System (PWR)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Suppression Pool Makeup System (BWR)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Suppression Pool Purification Sys. (BWR)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Tech. Support Ctr. Environ. Cntl. Sys.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Turbine Bldg. Environ. Cntl. Sys.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Turbine Lube Oil System	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Turbine Steam Seal System	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ultimate Heat Sink System	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Visitors Center Environ. Cntl. Sys.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Water Treatment Bldg. Environ. Cntl. Sys.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Welding Gas System	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

PWR Totals

SYSTEM	LEAKAGE EVENT INFORMATION																																						
	2007													2008													2009												
For underground piping segments in the system:	Number of Events	Initiation, Enter a "1" for the initiator of each leak			Cause Codes, Enter "1" for the most applicable cause of each leak									Number of Events	Initiation, Enter a "1" for the initiator of each leak			Cause Codes, Enter "1" for the most applicable cause of each leak									Number of Events	Initiation, Enter a "1" for the initiator of each leak			Cause Codes, Enter "1" for the most applicable cause of each leak								
System		ID	OD	?	Crk	Gal	GC	Lea	Mec	MIC	O	Ovd	Pit		ID	OD	?	Crk	Gal	GC	Lea	Mec	MIC	O	Ovd	Pit		ID	OD	?	Crk	Gal	GC	Lea	Mec	MIC	O	Ovd	Pit
Plant Specific Important Underground Systen	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Containment Spray	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Primary Water Storage and Transfer	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Water Treatment Systems	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	1	0	0	0	0	0	0
Miscellaneous Oil Systems	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Circulating Water System	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTALS	**10**	**1**	**6**	**3**	**1**	**0**	**3**	**0**	**0**	**0**	**4**	**1**	**1**	**9**	**3**	**5**	**1**	**1**	**0**	**2**	**0**	**3**	**0**	**1**	**0**	**2**	**12**	**2**	**8**	**2**	**1**	**0**	**4**	**0**	**1**	**1**	**1**	**1**	**3**

PWR Totals

SYSTEM	**2010**													**LEAK TOTALS**												
For underground piping segments in the system:	**Number of Events**	**Initiation, Enter a "1" for the initiator of each leak**			**Cause Codes, Enter "1" for the most applicable cause of each leak**									**Total Number of Events**	**Initiation, Enter a "1" for the initiator of each leak**			**Cause Codes, Enter "1" for the most applicable cause of each leak**								
System		ID	OD	?	Crk	Gal	GC	Lea	Mec	MIC	O	Ovd	Pit		ID	OD	?	Crk	Gal	GC	Lea	Mec	MIC	O	Ovd	Pit
Typical Underground Systems																										
Aux./Emergency Feedwater System (PWR)	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**												
Auxiliary Steam System	0	0	0	0	0	0	0	0	0	0	0	0	0	**1**		**1**				**1**						
Carbon Dioxide (CO2) Supply System	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**												
Chilled Water System	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**												
Closed/Component Cooling Water System	1	0	1	0	0	0	0	0	0	0	0	1	0	**2**		**2**									**2**	
Cooling Tower Blowdown	0	0	0	0	0	0	0	0	0	0	0	0	0	**1**		**1**						**1**				
Condensate System	0	0	0	0	0	0	0	0	0	0	0	0	0	**3**		**3**				**1**				**2**		
Condensate Demineralizer System	1	0	1	0	0	0	0	0	1	0	0	0	0	**4**	**2**	**2**				**1**		**3**				
Condensate and Feedwater Chem. Cntl. Sys.	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**												
CVC/Makeup and Purification Sys. (PWR)	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**												
Demin. Water Storage and Transfer Sys.	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**												
Diesel Fuel Oil System	1	0	1	0	0	0	0	0	0	0	1	0	0	**2**		**2**								**1**		**1**
Diesel Lube Oil System	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**												
Equipment and Floor Drains System	1	0	1	0	0	0	0	0	0	0	0	1	0	**3**		**1**	**2**			**1**				**1**	**1**	
Emergency/Standby Gas Treatment System	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**												
Essential Service Water System	5	2	2	1	0	1	1	0	0	1	0	0	2	**9**	**4**	**4**	**1**		**1**	**3**			**1**			**4**
Essential Air System	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**												
Feedwater System	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**												
Fire Protection System (Water)	2	0	0	2	0	0	0	0	0	0	2	0	0	**4**		**1**	**3**					**1**		**3**		
Fire Protection System (Chemical)	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**												
Fuel Oil Storage and Transfer System	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**												
Gaseous Waste Management System (PWR)	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**												
High Pressure Core Spray System (BWR)	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**												
HPSI System (PWR)	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**												
Hydrogen Supply System	1	0	0	1	0	0	0	0	0	0	1	0	0	**1**			**1**							**1**		
Hydrogen Water Chemistry System	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**												
Instrument Air Supply System	1	0	1	0	0	0	1	0	0	0	0	0	0	**1**		**1**				**1**						
Insulating Oil System	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**												
Liquid Waste Management System	1	0	1	0	0	0	0	0	1	0	0	0	0	**5**		**4**	**1**	**3**				**1**		**1**		
Lube Oil System	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**												
Main Generator Hydrogen Cooling System	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**												
Makeup Demineralizer System	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**												
Nitrogen Supply System	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**												
Nonessential Service Water System	0	0	0	0	0	0	0	0	0	0	0	0	0	**1**		**1**										**1**
Offgas System (BWR)	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**												
Plant Hot Water System	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**												
Potable Water Distribution System	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**												
Raw Water Makeup System	1	0	1	0	0	0	0	0	1	0	0	0	0	**3**		**3**						**1**			**1**	**1**
Reactor Core Iso. Cooling Sys. (BWR)	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**												
Sanitary Waste Processing System	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**												
RHR/LPCI System (BWR)	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**												
RHR/LPSI System (PWR)	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**												
Service Air System	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**												
Steam Generator Blowdown System (PWR)	1	0	1	0	0	0	1	0	0	0	0	0	0	**3**	**1**	**2**				**2**				**1**		
Turbine Drains and Misc. Piping Sys.	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**												
Turbine Bldg. Closed Cooling Water System	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**												
Wastewater Disposal System	3	1	2	0	0	0	1	0	0	1	0	0	1	**5**	**2**	**3**				**1**			**2**			**2**
Yard Handling and Maintenance System	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**												
Water Filtration System	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**												
	0	0	0	0	0	0	0	0	0	0	0	0	0													

PWR Totals

SYSTEM	2010													LEAK TOTALS												
For underground piping segments in the system:	Number of Events	Initiation, Enter a "1" for the initiator of each leak			Cause Codes, Enter "1" for the most applicable cause of each leak									Total Number of Events	Initiation, Enter a "1" for the initiator of each leak			Cause Codes, Enter "1" for the most applicable cause of each leak								
System		ID	OD	?	Crk	Gal	GC	Lea	Mec	MIC	O	Ovd	Pit		ID	OD	?	Crk	Gal	GC	Lea	Mec	MIC	O	Ovd	Pit
Other Systems that may be Underground	0	0	0	0	0	0	0	0	0	0	0	0	0	0												
Access Corridors Environmental Cntl. Sys.	0	0	0	0	0	0	0	0	0	0	0	0	0	0												
Admin. Bldg. Environmental Cntl. Sys.	0	0	0	0	0	0	0	0	0	0	0	0	0	0												
Aux. Bldg. Environmental Control System	0	0	0	0	0	0	0	0	0	0	0	0	0	0												
Boron Recycle System (PWR)	0	0	0	0	0	0	0	0	0	0	0	0	0	0												
Breathing Air System	0	0	0	0	0	0	0	0	0	0	0	0	0	0												
Cask Decontamination System	0	0	0	0	0	0	0	0	0	0	0	0	0	0												
Cntl. Bldg./Complex Environ. Cntl. Sys.	0	0	0	0	0	0	0	0	0	0	0	0	0	0												
Condensate Storage and Transfer System	0	0	0	0	0	0	0	0	0	0	0	0	0	1			1			1						
Condenser Tube Cleaning System	0	0	0	0	0	0	0	0	0	0	0	0	0	0												
Condenser Vacuum System	0	0	0	0	0	0	0	0	0	0	0	0	0	0												
Diesel Cooling Water System	0	0	0	0	0	0	0	0	0	0	0	0	0	0												
Diesel Generator Starting Air System	0	0	0	0	0	0	0	0	0	0	0	0	0	0												
Emerg. Onsite Pwr. Supp. Bldg. Env. Cntl. Sys.	0	0	0	0	0	0	0	0	0	0	0	0	0	0												
EOF Environ. Control Sys.	0	0	0	0	0	0	0	0	0	0	0	0	0	0												
Feedwater Pump Injection and Misc. Sys.	0	0	0	0	0	0	0	0	0	0	0	0	0	0												
Fuel Bldg. Environmental Control Sys.	0	0	0	0	0	0	0	0	0	0	0	0	0	0												
Fuel Pool Cooling and Purification System	0	0	0	0	0	0	0	0	0	0	0	0	0	0												
Gland Seal Water Supply System	0	0	0	0	0	0	0	0	0	0	0	0	0	0												
Heat Rejection Chemical Treatment System	0	0	0	0	0	0	0	0	0	0	0	0	0	0												
Heat Rejection System	0	0	0	0	0	0	0	0	0	0	0	0	0	0												
HP Heater and MSR Drains and Vents System	0	0	0	0	0	0	0	0	0	0	0	0	0	0												
Isolation Condenser System (BWR)	0	0	0	0	0	0	0	0	0	0	0	0	0	0												
Laboratory Gas System	0	0	0	0	0	0	0	0	0	0	0	0	0	0												
Leak Monitoring System	0	0	0	0	0	0	0	0	0	0	0	0	0	0												
Low Pressure Core Spray System (BWR)	0	0	0	0	0	0	0	0	0	0	0	0	0	0												
LP Heater Drains and Vents System	0	0	0	0	0	0	0	0	0	0	0	0	0	0												
Lube Oil Storage and Transfer System	0	0	0	0	0	0	0	0	0	0	0	0	0	0												
Main Generator Gas Purge System	0	0	0	0	0	0	0	0	0	0	0	0	0	0												
Main Generator Seal Oil System	0	0	0	0	0	0	0	0	0	0	0	0	0	0												
Main Generator Stator Cooling System	0	0	0	0	0	0	0	0	0	0	0	0	0	0												
Main Turbine Control Fluid System	0	0	0	0	0	0	0	0	0	0	0	0	0	0												
Main Turbine System	0	0	0	0	0	0	0	0	0	0	0	0	0	0												
Main/Reheat Steam System	0	0	0	0	0	0	0	0	0	0	0	0	0	0												
Material and Eqipment Handling System	0	0	0	0	0	0	0	0	0	0	0	0	0	0												
Miscellaneous Turbine Vents System	0	0	0	0	0	0	0	0	0	0	0	0	0	0												
Plant Exhaust System	0	0	0	0	0	0	0	0	0	0	0	0	0	0												
Pumping Station Environmental Cntl. Sys.	0	0	0	0	0	0	0	0	0	0	0	0	0	0												
Radwaste Bldg. Environmental Cntl. Sys.	0	0	0	0	0	0	0	0	0	0	0	0	0	0												
Reactor Bldg. Environmental Cntl. Sys.	0	0	0	0	0	0	0	0	0	0	0	0	0	0												
Removable Chemical Cleaning System	0	0	0	0	0	0	0	0	0	0	0	0	0	0												
Sampling and Water Quality System	0	0	0	0	0	0	0	0	0	0	0	0	0	0												
Security Bldg. Environmental Cntl. Sys.	0	0	0	0	0	0	0	0	0	0	0	0	0	0												
Service Bldg. Environmental Cntl. Sys.	0	0	0	0	0	0	0	0	0	0	0	0	0	0												
Shield Annulus Return and Exhaust System	0	0	0	0	0	0	0	0	0	0	0	0	0	0												
Sludge Waste Dewatering System	0	0	0	0	0	0	0	0	0	0	0	0	0	0												
Solid Waste Management System	0	0	0	0	0	0	0	0	0	0	0	0	0	0												
Standby Liquid Control System (BWR)	0	0	0	0	0	0	0	0	0	0	0	0	0	0												
Steam Extraction System	0	0	0	0	0	0	0	0	0	0	0	0	0	0												
Steam Generator Blowdown System (PWR)	0	0	0	0	0	0	0	0	0	0	0	0	0	0												
Suppression Pool Makeup System (BWR)	0	0	0	0	0	0	0	0	0	0	0	0	0	0												
Suppression Pool Purification Sys. (BWR)	0	0	0	0	0	0	0	0	0	0	0	0	0	0												
Tech. Support Ctr. Environ. Cntl. Sys.	1	0	0	1	0	0	0	0	0	0	1	0	0	1			1							1		
Turbine Bldg. Environ. Cntl. Sys.	0	0	0	0	0	0	0	0	0	0	0	0	0	0												
Turbine Lube Oil System	0	0	0	0	0	0	0	0	0	0	0	0	0	0												
Turbine Steam Seal System	0	0	0	0	0	0	0	0	0	0	0	0	0	0												
Ultimate Heat Sink System	1	0	0	1	0	0	0	0	1	0	0	0	0	1			1					1				
Visitors Center Environ. Cntl. Sys.	0	0	0	0	0	0	0	0	0	0	0	0	0	0												
Water Treatment Bldg. Environ. Cntl. Sys.	0	0	0	0	0	0	0	0	0	0	0	0	0	0												
Welding Gas System	0	0	0	0	0	0	0	0	0	0	0	0	0	0												
	0	0	0	0	0	0	0	0	0	0	0	0	0													

SYSTEM	2010													LEAK TOTALS												
For underground piping segments in the system:	Number of Events	Initiation, Enter a "1" for the initiator of each leak			Cause Codes, Enter "1" for the most applicable cause of each leak									Total Number of Events	Initiation, Enter a "1" for the initiator of each leak			Cause Codes, Enter "1" for the most applicable cause of each leak								
System		ID	OD	?	Crk	Gal	GC	Lea	Mec	MIC	O	Ovd	Pit		ID	OD	?	Crk	Gal	GC	Lea	Mec	MIC	O	Ovd	Pit
Plant Specific Important Underground Systen	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**												
	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**												
	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**												
	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**												
	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**												
	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**												
	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**												
	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**												
	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**												
	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**												
	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**												
	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**												
	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**												
	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**												
	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**												
	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**												
Containment Spray	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**												
Primary Water Storage and Transfer	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**												
Water Treatment Systems	0	0	0	0	0	0	0	0	0	0	0	0	0	**1**			**1**			**1**						
Miscellaneous Oil Systems	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**												
Circulating Water System	1	0	0	1	0	0	0	0	0	0	1	0	0	**1**			**1**							**1**		
TOTALS	**22**	**3**	**12**	**7**	**0**	**1**	**4**	**0**	**4**	**2**	**6**	**2**	**3**	**53**	**9**	**31**	**13**	**3**	**1**	**13**	**0**	**8**	**3**	**12**	**4**	**9**

Overall Totals

SYSTEM	**DESIGN INFORMATION**																	
For underground piping segments in the system:	**One or more underground segments?**	**Safety Related?**	**Contains Licensed Radioactive Material?**	**Contains Environ-mentally Hazardous Material?**	**Predominant material on the exterior side of the piping. Enter "1" for all that apply**								**Piping Classes Enter a "1" for all that apply**				**Subjected to Sec XI quarterly O&M flow tests?**	**Comments, including piping materials "C" or "O"**
System	1 or blank	1,0	1,0	1,0	AL	CU	C*	FE	O*	P	S	SS	1	2	3HE	3	1,0	
Typical Underground Systems																		
Aux./Emergency Feedwater System (PWR)	28	22	12	3	0	0	1	0	0	0	17	13	0	0	0	18	12	
Auxiliary Steam System	12	1	11	0	0	0	1	2	0	0	9	0	0	0	0	1	0	
Carbon Dioxide (CO2) Supply System	1	0	0	1	0	0	0	0	0	0	1	1	0	0	0	0	0	
Chilled Water System	4	0	4	0	0	0	0	0	0	0	3	1	0	0	0	0	0	
Closed/Component Cooling Water System	7	2	5	0	0	0	1	0	0	0	5	0	0	0	0	2	1	
Cooling Tower Blowdown	12	0	10	6	0	0	2	0	4	2	5	1	0	0	0	0	0	
Condensate System	39	10	37	5	2	0	2	4	0	0	24	18	0	1	0	8	10	
Condensate Demineralizer System	14	1	9	5	0	0	0	0	3	1	8	3	0	0	0	1	1	
Condensate and Feedwater Chem. Cntl. Sys.	10	0	3	10	0	0	0	3	0	1	6	7	0	0	0	0	0	
CVC/Makeup and Purification Sys. (PWR)	10	6	9	1	0	0	0	0	0	0	1	9	0	6	0	3	6	
Demin. Water Storage and Transfer Sys.	4	0	4	0	0	0	0	0	0	0	4	2	0	0	0	0	0	
Diesel Fuel Oil System	86	62	1	81	0	0	2	8	2	0	69	9	0	2	0	27	10	
Diesel Lube Oil System	11	4	0	11	0	0	1	3	0	0	7	0	0	0	0	0	0	
Equipment and Floor Drains System	29	0	23	15	0	1	3	9	6	4	19	12	0	1	0	1	0	
Emergency/Standby Gas Treatment System	13	9	10	0	1	0	0	0	0	0	12	0	0	1	0	1	1	
Essential Service Water System	86	86	10	11	2	4	9	9	1	1	71	11	0	3	0	76	62	
Essential Air System	2	2	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	
Feedwater System	6	0	6	1	0	0	0	0	0	0	4	4	0	0	0	0	0	
Fire Protection System (Water)	9	6	0	1	0	0	2	8	0	3	4	0	0	0	0	2	0	
Fire Protection System (Chemical)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Fuel Oil Storage and Transfer System	53	16	4	53	0	1	3	8	2	4	41	3	0	0	0	6	4	
Gaseous Waste Management System (PWR)	6	1	6	0	0	0	0	0	0	0	6	1	0	0	0	1	0	
High Pressure Core Spray System (BWR)	9	7	8	3	1	0	0	0	0	0	2	7	0	2	0	3	5	
HPSI System (PWR)	7	7	7	0	0	0	0	0	0	0	0	7	0	5	0	0	7	
Hydrogen Supply System	15	1	0	12	0	0	1	0	0	0	11	4	0	0	0	0	0	
Hydrogen Water Chemistry System	3	1	0	2	0	0	0	0	0	0	4	0	0	0	0	0	0	
Instrument Air Supply System	7	6	0	0	0	1	0	0	0	0	6	0	0	2	0	0	0	
Insulating Oil System	2	0	1	0	0	0	0	0	0	0	1	1	0	0	0	0	0	
Liquid Waste Management System	65	7	61	17	0	0	0	0	6	3	30	36	0	2	0	0	0	
Lube Oil System	17	0	1	17	0	0	0	4	0	0	13	0	0	0	0	0	1	
Main Generator Hydrogen Cooling System	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Makeup Demineralizer System	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Nitrogen Supply System	1	0	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	
Nonessential Service Water System	18	5	10	7	0	2	4	0	3	2	14	0	0	0	0	1	4	
Offgas System (BWR)	19	6	16	6	0	1	0	3	0	0	16	2	0	0	0	2	0	
Plant Hot Water System	4	0	4	0	0	0	0	0	0	0	4	0	0	0	0	0	0	
Potable Water Distribution System	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Raw Water Makeup System	6	4	0	2	0	0	0	0	0	0	5	1	0	0	0	4	1	
Reactor Core Iso. Cooling Sys. (BWR)	7	6	6	3	0	0	0	0	0	0	0	7	0	3	0	3	3	
Sanitary Waste Processing System	9	0	1	8	0	0	0	6	2	4	3	1	0	0	0	0	0	
RHR/LPCI System (BWR)	6	2	5	2	0	0	0	1	0	0	3	2	0	0	0	1	1	
RHR/LPSI System (PWR)	12	10	12	0	0	0	0	0	0	0	0	12	0	10	0	4	7	
Service Air System	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Steam Generator Blowdown System (PWR)	18	7	15	3	0	0	0	0	1	2	15	1	0	0	0	0	0	
Turbine Drains and Misc. Piping Sys.	9	0	8	2	0	0	1	0	0	0	6	2	0	0	0	0	0	
Turbine Bldg. Closed Cooling Water System	2	0	2	0	0	0	0	0	0	0	2	0	0	0	0	0	0	
Wastewater Disposal System	18	2	14	10	0	0	0	5	3	7	10	2	0	0	0	0	0	
Yard Handling and Maintenance System	16	0	16	1	0	0	3	4	2	5	11	1	0	0	0	0	0	
Water Filtration System	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

Overall Totals

SYSTEM	**DESIGN INFORMATION**																	
For underground piping segments in the system:	**One or more underground segments?**	**Safety Related?**	**Contains Licensed Radioactive Material?**	**Contains Environ-mentally Hazardous Material?**	**Predominant material on the exterior side of the piping. Enter "1" for all that apply**								**Piping Classes Enter a "1" for all that apply**				**Subjected to Sec XI quarterly O&M flow tests?**	**Comments, including piping materials "C" or "O"**
System	1 or blank	1,0	1,0	1,0	AL	CU	C*	FE	O*	P	S	SS	1	2	3HE	3	1,0	
Other Systems that may be Underground	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Access Corridors Environmental Cntl. Sys.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Admin. Bldg. Environmental Cntl. Sys.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Aux. Bldg. Environmental Control System	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Boron Recycle System (PWR)	4	0	4	0	0	0	0	0	0	0	1	4	0	0	0	0	0	
Breathing Air System	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Cask Decontamination System	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Cntl. Bldg./Complex Environ. Cntl. Sys.	2	2	0	1	0	0	0	0	0	0	2	0	0	0	0	1	0	
Condensate Storage and Transfer System	31	9	30	5	1	0	0	1	0	0	21	19	0	5	0	2	3	
Condenser Tube Cleaning System	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Condenser Vacuum System	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Diesel Cooling Water System	5	5	0	1	0	0	0	0	0	2	4	1	0	0	0	3	2	
Diesel Generator Starting Air System	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Emerg. Onsite Pwr. Supp. Bldg. Env. Cntl. Sys.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
EOF Environ. Control Sys.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Feedwater Pump Injection and Misc. Sys.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Fuel Bldg. Environmental Control Sys.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Fuel Pool Cooling and Purification System	7	1	7	1	1	0	0	0	0	0	2	5	0	0	0	0	0	
Gland Seal Water Supply System	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Heat Rejection Chemical Treatment System	1	0	0	1	0	0	0	0	0	0	0	1	0	0	0	0	0	
Heat Rejection System	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
HP Heater and MSR Drains and Vents System	1	0	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	
Isolation Condenser System (BWR)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Laboratory Gas System	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Leak Monitoring System	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Low Pressure Core Spray System (BWR)	4	4	4	1	0	0	0	0	0	0	2	2	0	1	0	0	1	
LP Heater Drains and Vents System	1	0	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	
Lube Oil Storage and Transfer System	14	0	3	14	0	0	0	6	0	0	8	0	0	0	0	0	0	
Main Generator Gas Purge System	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Main Generator Seal Oil System	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Main Generator Stator Cooling System	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Main Turbine Control Fluid System	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Main Turbine System	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Main/Reheat Steam System	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Material and Eqipment Handling System	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Miscellaneous Turbine Vents System	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Plant Exhaust System	4	0	4	0	1	0	3	0	0	0	0	0	0	0	0	0	0	
Pumping Station Environmental Cntl. Sys.	1	0	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	
Radwaste Bldg. Environmental Cntl. Sys.	1	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	
Reactor Bldg. Environmental Cntl. Sys.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Removable Chemical Cleaning System	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Sampling and Water Quality System	7	0	6	1	0	0	0	0	0	2	3	2	0	0	0	0	0	
Security Bldg. Environmental Cntl. Sys.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Service Bldg. Environmental Cntl. Sys.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Shield Annulus Return and Exhaust System	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Sludge Waste Dewatering System	1	0	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	
Solid Waste Management System	2	0	2	0	0	0	0	0	0	0	0	2	0	0	0	0	0	
Standby Liquid Control System (BWR)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Steam Extraction System	3	0	3	0	0	0	0	0	0	0	3	1	0	0	0	0	0	
Steam Generator Blowdown System (PWR)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Suppression Pool Makeup System (BWR)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Suppression Pool Purification Sys. (BWR)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Tech. Support Ctr. Environ. Cntl. Sys.	3	1	2	3	0	0	0	0	0	2	1	0	0	0	0	0	0	
Turbine Bldg. Environ. Cntl. Sys.	3	0	3	0	0	0	0	0	0	0	3	0	0	0	0	0	0	
Turbine Lube Oil System	5	0	0	5	0	0	0	3	0	0	2	0	0	0	0	0	0	
Turbine Steam Seal System	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Ultimate Heat Sink System	26	9	14	7	0	1	16	0	2	0	11	1	0	2	0	5	0	
Visitors Center Environ. Cntl. Sys.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Water Treatment Bldg. Environ. Cntl. Sys.	1	0	0	1	0	0	0	0	0	1	0	1	0	0	0	0	0	
Welding Gas System	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

Overall Totals

SYSTEM	DESIGN INFORMATION																	
For underground piping segments in the system:	One or more underground segments?	Safety Related?	Contains Licensed Radioactive Material?	Contains Environ-mentally Hazardous Material?	Predominant material on the exterior side of the piping. Enter "1" for all that apply								Piping Classes Enter a "1" for all that apply				Subjected to Sec XI quarterly O&M flow tests?	Comments, including piping materials "C" or "O"
System	1 or blank	1,0	1,0	1,0	AL	CU	C*	FE	O*	P	S	SS	1	2	3HE	3	1,0	
Plant Specific Important Underground Systems	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Containment Spray	5	5	3	0	0	0	0	0	0	0	0	5	0	1	0	4	2	
Primary Water Storage and Transfer	5	0	5	0	0	0	0	0	0	0	0	5	0	0	0	0	0	
Water Treatment Systems	8	0	0	8	0	0	0	0	3	8	0	0	0	0	0	0	0	
Miscellaneous Oil Systems	5	1	1	4	0	0	0	1	1	0	4	0	0	0	0	1	0	
Circulating Water System	16	4	9	3	0	1	7	0	3	0	11	0	0	0	0	3	0	
					AL	CU	C	FE	O	P	S	SS						
TOTALS	**878**	**340**	**456**	**356**	**9**	**12**	**62**	**88**	**44**	**54**	**556**	**232**	**0**	**47**	**0**	**184**	**144**	

Overall Totals

SYSTEM	LEAKAGE EVENT INFORMATION																																						
	2007													2008													2009												
For underground piping segments in the system:	Number of Events	Initiation, Enter a "1" for the initiator of each leak			Cause Codes, Enter "1" for the most applicable cause of each leak									Number of Events	Initiation, Enter a "1" for the initiator of each leak			Cause Codes, Enter "1" for the most applicable cause of each leak									Number of Events	Initiation, Enter a "1" for the initiator of each leak			Cause Codes, Enter "1" for the most applicable cause of each leak								
System		ID	OD	?	Crk	Gal	GC	Lea	Mec	MIC	O	Ovd	Pit		ID	OD	?	Crk	Gal	GC	Lea	Mec	MIC	O	Ovd	Pit		ID	OD	?	Crk	Gal	GC	Lea	Mec	MIC	O	Ovd	Pit
Typical Underground Systems																																							
Aux./Emergency Feedwater System (PWR)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Auxiliary Steam System	1	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Carbon Dioxide (CO2) Supply System	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Chilled Water System	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Closed/Component Cooling Water System	1	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cooling Tower Blowdown	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	1	0	0	0	0
Condensate System	2	0	2	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0	4	0	0	2	1	0	0	0	0	0	1
Condensate Demineralizer System	0	0	0	0	0	0	0	0	0	0	0	0	0	3	2	1	0	0	0	1	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Condensate and Feedwater Chem. Cntl. Sys.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CVC/Makeup and Purification Sys. (PWR)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Demin. Water Storage and Transfer Sys.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Diesel Fuel Oil System	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	1
Diesel Lube Oil System	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Equipment and Floor Drains System	1	0	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	1	1	0	1	1	0	0	0	0	0	0
Emergency/Standby Gas Treatment System	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Essential Service Water System	1	1	0	0	0	0	1	0	0	0	0	0	0	5	1	3	1	0	0	1	0	1	0	1	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0
Essential Air System	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Feedwater System	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Fire Protection System (Water)	1	0	0	1	0	0	0	0	0	0	1	0	0	1	0	1	0	0	0	0	0	1	0	0	0	0	1	0	0	1	0	0	0	0	1	0	0	0	0
Fire Protection System (Chemical)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Fuel Oil Storage and Transfer System	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gaseous Waste Management System (PWR)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
High Pressure Core Spray System (BWR)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HPSI System (PWR)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hydrogen Supply System	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hydrogen Water Chemistry System	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Instrument Air Supply System	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Insulating Oil System	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Liquid Waste Management System	1	0	1	0	1	0	0	0	0	0	0	0	0	3	1	1	1	1	0	0	0	0	0	1	0	1	1	0	1	0	1	0	0	0	0	0	0	0	0
Lube Oil System	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Main Generator Hydrogen Cooling System	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Makeup Demineralizer System	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Nitrogen Supply System	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Nonessential Service Water System	1	0	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Offgas System (BWR)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Plant Hot Water System	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Potable Water Distribution System	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Raw Water Makeup System	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2	0	0	0	0	0	0	0	0	1	1
Reactor Core Iso. Cooling Sys. (BWR)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sanitary Waste Processing System	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
RHR/LPCI System (BWR)	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
RHR/LPSI System (PWR)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Service Air System	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Steam Generator Blowdown System (PWR)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	1	1	0	0	0	1	0	0	0	1	0	0
Turbine Drains and Misc. Piping Sys.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Turbine Bldg. Closed Cooling Water System	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wastewater Disposal System	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	1	1	0	0	0	0	0	0	1	0	0	1
Yard Handling and Maintenance System	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Water Filtration System	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Overall Totals

SYSTEM	LEAKAGE EVENT INFORMATION																																						
	2007													2008													2009												
For underground piping segments in the system:	Number of Events	Initiation, Enter a "1" for the initiator of each leak			Cause Codes, Enter "1" for the most applicable cause of each leak									Number of Events	Initiation, Enter a "1" for the initiator of each leak			Cause Codes, Enter "1" for the most applicable cause of each leak									Number of Events	Initiation, Enter a "1" for the initiator of each leak			Cause Codes, Enter "1" for the most applicable cause of each leak								
System		ID	OD	?	Crk	Gal	GC	Lea	Mec	MIC	O	Ovd	Pit		ID	OD	?	Crk	Gal	GC	Lea	Mec	MIC	O	Ovd	Pit		ID	OD	?	Crk	Gal	GC	Lea	Mec	MIC	O	Ovd	Pit
Other Systems that may be Underground	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Access Corridors Environmental Cntl. Sys.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Admin. Bldg. Environmental Cntl. Sys.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Aux. Bldg. Environmental Control System	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Boron Recycle System (PWR)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Breathing Air System	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cask Decontamination System	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cntl. Bldg./Complex Environ. Cntl. Sys.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Condensate Storage and Transfer System	1	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2	0	0	2	0	0	0	0	0	0	0
Condenser Tube Cleaning System	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Condenser Vacuum System	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Diesel Cooling Water System	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Diesel Generator Starting Air System	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Emerg. Onsite Pwr. Supp. Bldg. Env. Cntl. Sys.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EOF Environ. Control Sys.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Feedwater Pump Injection and Misc. Sys.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Fuel Bldg. Environmental Control Sys.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Fuel Pool Cooling and Purification System	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gland Seal Water Supply System	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Heat Rejection Chemical Treatment System	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Heat Rejection System	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HP Heater and MSR Drains and Vents System	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Isolation Condenser System (BWR)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Laboratory Gas System	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Leak Monitoring System	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Low Pressure Core Spray System (BWR)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LP Heater Drains and Vents System	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lube Oil Storage and Transfer System	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Main Generator Gas Purge System	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Main Generator Seal Oil System	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Main Generator Stator Cooling System	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Main Turbine Control Fluid System	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Main Turbine System	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Main/Reheat Steam System	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Material and Eqipment Handling System	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Miscellaneous Turbine Vents System	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Plant Exhaust System	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pumping Station Environmental Cntl. Sys.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Radwaste Bldg. Environmental Cntl. Sys.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Reactor Bldg. Environmental Cntl. Sys.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Removable Chemical Cleaning System	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sampling and Water Quality System	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Security Bldg. Environmental Cntl. Sys.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Service Bldg. Environmental Cntl. Sys.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Shield Annulus Return and Exhaust System	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sludge Waste Dewatering System	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Solid Waste Management System	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Standby Liquid Control System (BWR)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Steam Extraction System	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Steam Generator Blowdown System (PWR)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Suppression Pool Makeup System (BWR)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Suppression Pool Purification Sys. (BWR)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Tech. Support Ctr. Environ. Cntl. Sys.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Turbine Bldg. Environ. Cntl. Sys.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Turbine Lube Oil System	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Turbine Steam Seal System	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ultimate Heat Sink System	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Visitors Center Environ. Cntl. Sys.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Water Treatment Bldg. Environ. Cntl. Sys.	1	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Welding Gas System	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Overall Totals

SYSTEM	LEAKAGE EVENT INFORMATION																																						
	2007													2008														2009												
For underground piping segments in the system:	Number of Events	Initiation, Enter a "1" for the initiator of each leak			Cause Codes, Enter "1" for the most applicable cause of each leak									Number of Events	Initiation, Enter a "1" for the initiator of each leak			Cause Codes, Enter "1" for the most applicable cause of each leak									Number of Events	Initiation, Enter a "1" for the initiator of each leak			Cause Codes, Enter "1" for the most applicable cause of each leak								
System		ID	OD	?	Crk	Gal	GC	Lea	Mec	MIC	O	Ovd	Pit		ID	OD	?	Crk	Gal	GC	Lea	Mec	MIC	O	Ovd	Pit		ID	OD	?	Crk	Gal	GC	Lea	Mec	MIC	O	Ovd	Pit
Plant Specific Important Underground Systems	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Containment Spray	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Primary Water Storage and Transfer	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Water Treatment Systems	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	1	0	0	0	0	0	0
Miscellaneous Oil Systems	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Circulating Water System	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTALS	**11**	**1**	**7**	**3**	**1**	**0**	**3**	**0**	**1**	**0**	**4**	**1**	**1**	**13**	**5**	**6**	**2**	**1**	**0**	**2**	**0**	**4**	**0**	**3**	**0**	**3**	**19**	**2**	**14**	**3**	**1**	**5**	**4**	**0**	**2**	**1**	**1**	**1**	**4**

Overall Totals

SYSTEM

For underground piping segments in the system:	2010													LEAK TOTALS												
	Number of Events	Initiation, Enter a "1" for the initiator of each leak			Cause Codes, Enter "1" for the most applicable cause of each leak									Total Number of Events	Initiation, Enter a "1" for the initiator of each leak			Cause Codes, Enter "1" for the most applicable cause of each leak								
System		ID	OD	?	Crk	Gal	GC	Lea	Mec	MIC	O	Ovd	Pit		ID	OD	?	Crk	Gal	GC	Lea	Mec	MIC	O	Ovd	Pit
Typical Underground Systems																										
Aux./Emergency Feedwater System (PWR)	0	0	0	0	0	0	0	0	0	0	0	0	0	0												
Auxiliary Steam System	0	0	0	0	0	0	0	0	0	0	0	0	0	1		1				1						
Carbon Dioxide (CO2) Supply System	0	0	0	0	0	0	0	0	0	0	0	0	0	0												
Chilled Water System	0	0	0	0	0	0	0	0	0	0	0	0	0	0												
Closed/Component Cooling Water System	1	0	1	0	0	0	0	0	0	0	0	1	0	2		2									2	
Cooling Tower Blowdown	0	0	0	0	0	0	0	0	0	0	0	0	0	1		1						1				
Condensate System	1	0	0	1	0	0	0	0	0	0	1	0	0	7		6	1		2	1				3		1
Condensate Demineralizer System	1	0	1	0	0	0	0	0	1	0	0	0	0	4	2	2				1		3				
Condensate and Feedwater Chem. Cntl. Sys.	0	0	0	0	0	0	0	0	0	0	0	0	0	0												
CVC/Makeup and Purification Sys. (PWR)	0	0	0	0	0	0	0	0	0	0	0	0	0	0												
Demin. Water Storage and Transfer Sys.	0	0	0	0	0	0	0	0	0	0	0	0	0	0												
Diesel Fuel Oil System	1	0	1	0	0	0	0	0	0	0	1	0	0	2		2								1		1
Diesel Lube Oil System	0	0	0	0	0	0	0	0	0	0	0	0	0	0												
Equipment and Floor Drains System	2	0	2	0	0	0	0	0	0	0	0	2	0	5		3	2		1	1				1	2	
Emergency/Standby Gas Treatment System	0	0	0	0	0	0	0	0	0	0	0	0	0	0												
Essential Service Water System	7	3	2	2	0	1	1	0	0	1	0	1	3	13	5	5	3		1	3		1	1	1	1	5
Essential Air System	0	0	0	0	0	0	0	0	0	0	0	0	0	0												
Feedwater System	0	0	0	0	0	0	0	0	0	0	0	0	0	0												
Fire Protection System (Water)	7	0	0	7	0	0	0	0	5	0	2	0	0	10		1	9					7		3		
Fire Protection System (Chemical)	0	0	0	0	0	0	0	0	0	0	0	0	0	0												
Fuel Oil Storage and Transfer System	0	0	0	0	0	0	0	0	0	0	0	0	0	0												
Gaseous Waste Management System (PWR)	0	0	0	0	0	0	0	0	0	0	0	0	0	0												
High Pressure Core Spray System (BWR)	0	0	0	0	0	0	0	0	0	0	0	0	0	0												
HPSI System (PWR)	0	0	0	0	0	0	0	0	0	0	0	0	0	0												
Hydrogen Supply System	1	0	0	1	0	0	0	0	0	0	1	0	0	1			1							1		
Hydrogen Water Chemistry System	0	0	0	0	0	0	0	0	0	0	0	0	0	0												
Instrument Air Supply System	1	0	1	0	0	0	1	0	0	0	0	0	0	1		1				1						
Insulating Oil System	0	0	0	0	0	0	0	0	0	0	0	0	0	0												
Liquid Waste Management System	1	0	1	0	0	0	0	0	1	0	0	0	0	6	1	4	1	3				1		1		1
Lube Oil System	0	0	0	0	0	0	0	0	0	0	0	0	0	0												
Main Generator Hydrogen Cooling System	0	0	0	0	0	0	0	0	0	0	0	0	0	0												
Makeup Demineralizer System	0	0	0	0	0	0	0	0	0	0	0	0	0	0												
Nitrogen Supply System	0	0	0	0	0	0	0	0	0	0	0	0	0	0												
Nonessential Service Water System	0	0	0	0	0	0	0	0	0	0	0	0	0	1		1										1
Offgas System (BWR)	3	2	0	1	0	0	0	0	0	0	3	0	0	3	2		1							3		
Plant Hot Water System	0	0	0	0	0	0	0	0	0	0	0	0	0	0												
Potable Water Distribution System	0	0	0	0	0	0	0	0	0	0	0	0	0	0												
Raw Water Makeup System	1	0	1	0	0	0	0	0	1	0	0	0	0	3		3						1			1	1
Reactor Core Iso. Cooling Sys. (BWR)	0	0	0	0	0	0	0	0	0	0	0	0	0	0												
Sanitary Waste Processing System	0	0	0	0	0	0	0	0	0	0	0	0	0	0												
RHR/LPCI System (BWR)	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1									1		
RHR/LPSI System (PWR)	0	0	0	0	0	0	0	0	0	0	0	0	0	0												
Service Air System	0	0	0	0	0	0	0	0	0	0	0	0	0	0												
Steam Generator Blowdown System (PWR)	1	0	1	0	0	0	1	0	0	0	0	0	0	3	1	2				2				1		
Turbine Drains and Misc. Piping Sys.	0	0	0	0	0	0	0	0	0	0	0	0	0	0												
Turbine Bldg. Closed Cooling Water System	0	0	0	0	0	0	0	0	0	0	0	0	0	0												
Wastewater Disposal System	3	1	2	0	0	0	1	0	0	1	0	0	1	5	2	3				1			2			2
Yard Handling and Maintenance System	0	0	0	0	0	0	0	0	0	0	0	0	0	0												
Water Filtration System	0	0	0	0	0	0	0	0	0	0	0	0	0	0												

Overall Totals

SYSTEM	2010													LEAK TOTALS												
For underground piping segments in the system:	Number of Events	Initiation, Enter a "1" for the initiator of each leak			Cause Codes, Enter "1" for the most applicable cause of each leak									Total Number of Events	Initiation, Enter a "1" for the initiator of each leak			Cause Codes, Enter "1" for the most applicable cause of each leak								
System		ID	OD	?	Crk	Gal	GC	Lea	Mec	MIC	O	Ovd	Pit		ID	OD	?	Crk	Gal	GC	Lea	Mec	MIC	O	Ovd	Pit
Other Systems that may be Underground	0	0	0	0	0	0	0	0	0	0	0	0	0	0												
Access Corridors Environmental Cntl. Sys.	0	0	0	0	0	0	0	0	0	0	0	0	0	0												
Admin. Bldg. Environmental Cntl. Sys.	0	0	0	0	0	0	0	0	0	0	0	0	0	0												
Aux. Bldg. Environmental Control System	0	0	0	0	0	0	0	0	0	0	0	0	0	0												
Boron Recycle System (PWR)	0	0	0	0	0	0	0	0	0	0	0	0	0	0												
Breathing Air System	0	0	0	0	0	0	0	0	0	0	0	0	0	0												
Cask Decontamination System	0	0	0	0	0	0	0	0	0	0	0	0	0	0												
Cntl. Bldg./Complex Environ. Cntl. Sys.	0	0	0	0	0	0	0	0	0	0	0	0	0	0												
Condensate Storage and Transfer System	0	0	0	0	0	0	0	0	0	0	0	0	0	3		2	1		2	1						
Condenser Tube Cleaning System	0	0	0	0	0	0	0	0	0	0	0	0	0	0												
Condenser Vacuum System	0	0	0	0	0	0	0	0	0	0	0	0	0	0												
Diesel Cooling Water System	0	0	0	0	0	0	0	0	0	0	0	0	0	0												
Diesel Generator Starting Air System	0	0	0	0	0	0	0	0	0	0	0	0	0	0												
Emerg. Onsite Pwr. Supp. Bldg. Env. Cntl. Sys.	0	0	0	0	0	0	0	0	0	0	0	0	0	0												
EOF Environ. Control Sys.	0	0	0	0	0	0	0	0	0	0	0	0	0	0												
Feedwater Pump Injection and Misc. Sys.	0	0	0	0	0	0	0	0	0	0	0	0	0	0												
Fuel Bldg. Environmental Control Sys.	0	0	0	0	0	0	0	0	0	0	0	0	0	0												
Fuel Pool Cooling and Purification System	0	0	0	0	0	0	0	0	0	0	0	0	0	0												
Gland Seal Water Supply System	0	0	0	0	0	0	0	0	0	0	0	0	0	0												
Heat Rejection Chemical Treatment System	0	0	0	0	0	0	0	0	0	0	0	0	0	0												
Heat Rejection System	0	0	0	0	0	0	0	0	0	0	0	0	0	0												
HP Heater and MSR Drains and Vents System	0	0	0	0	0	0	0	0	0	0	0	0	0	0												
Isolation Condenser System (BWR)	0	0	0	0	0	0	0	0	0	0	0	0	0	0												
Laboratory Gas System	0	0	0	0	0	0	0	0	0	0	0	0	0	0												
Leak Monitoring System	0	0	0	0	0	0	0	0	0	0	0	0	0	0												
Low Pressure Core Spray System (BWR)	0	0	0	0	0	0	0	0	0	0	0	0	0	0												
LP Heater Drains and Vents System	0	0	0	0	0	0	0	0	0	0	0	0	0	0												
Lube Oil Storage and Transfer System	0	0	0	0	0	0	0	0	0	0	0	0	0	0												
Main Generator Gas Purge System	0	0	0	0	0	0	0	0	0	0	0	0	0	0												
Main Generator Seal Oil System	0	0	0	0	0	0	0	0	0	0	0	0	0	0												
Main Generator Stator Cooling System	0	0	0	0	0	0	0	0	0	0	0	0	0	0												
Main Turbine Control Fluid System	0	0	0	0	0	0	0	0	0	0	0	0	0	0												
Main Turbine System	0	0	0	0	0	0	0	0	0	0	0	0	0	0												
Main/Reheat Steam System	0	0	0	0	0	0	0	0	0	0	0	0	0	0												
Material and Eqipment Handling System	0	0	0	0	0	0	0	0	0	0	0	0	0	0												
Miscellaneous Turbine Vents System	0	0	0	0	0	0	0	0	0	0	0	0	0	0												
Plant Exhaust System	0	0	0	0	0	0	0	0	0	0	0	0	0	0												
Pumping Station Environmental Cntl. Sys.	0	0	0	0	0	0	0	0	0	0	0	0	0	0												
Radwaste Bldg. Environmental Cntl. Sys.	0	0	0	0	0	0	0	0	0	0	0	0	0	0												
Reactor Bldg. Environmental Cntl. Sys.	0	0	0	0	0	0	0	0	0	0	0	0	0	0												
Removable Chemical Cleaning System	0	0	0	0	0	0	0	0	0	0	0	0	0	0												
Sampling and Water Quality System	0	0	0	0	0	0	0	0	0	0	0	0	0	0												
Security Bldg. Environmental Cntl. Sys.	0	0	0	0	0	0	0	0	0	0	0	0	0	0												
Service Bldg. Environmental Cntl. Sys.	0	0	0	0	0	0	0	0	0	0	0	0	0	0												
Shield Annulus Return and Exhaust System	0	0	0	0	0	0	0	0	0	0	0	0	0	0												
Sludge Waste Dewatering System	0	0	0	0	0	0	0	0	0	0	0	0	0	0												
Solid Waste Management System	0	0	0	0	0	0	0	0	0	0	0	0	0	0												
Standby Liquid Control System (BWR)	0	0	0	0	0	0	0	0	0	0	0	0	0	0												
Steam Extraction System	0	0	0	0	0	0	0	0	0	0	0	0	0	0												
Steam Generator Blowdown System (PWR)	0	0	0	0	0	0	0	0	0	0	0	0	0	0												
Suppression Pool Makeup System (BWR)	0	0	0	0	0	0	0	0	0	0	0	0	0	0												
Suppression Pool Purification Sys. (BWR)	0	0	0	0	0	0	0	0	0	0	0	0	0	0												
Tech. Support Ctr. Environ. Cntl. Sys.	1	0	0	1	0	0	0	0	0	0	1	0	0	1			1							1		
Turbine Bldg. Environ. Cntl. Sys.	0	0	0	0	0	0	0	0	0	0	0	0	0	0												
Turbine Lube Oil System	0	0	0	0	0	0	0	0	0	0	0	0	0	0												
Turbine Steam Seal System	0	0	0	0	0	0	0	0	0	0	0	0	0	0												
Ultimate Heat Sink System	1	0	0	1	0	0	0	0	1	0	0	0	0	1			1					1				
Visitors Center Environ. Cntl. Sys.	0	0	0	0	0	0	0	0	0	0	0	0	0	0												
Water Treatment Bldg. Environ. Cntl. Sys.	1	0	0	1	0	0	0	0	1	0	0	0	0	2		1	1					2				
Welding Gas System	0	0	0	0	0	0	0	0	0	0	0	0	0	0												

Overall Totals

SYSTEM	2010													LEAK TOTALS												
For underground piping segments in the system:	Number of Events	Initiation, Enter a "1" for the initiator of each leak			Cause Codes, Enter "1" for the most applicable cause of each leak									Total Number of Events	Initiation, Enter a "1" for the initiator of each leak			Cause Codes, Enter "1" for the most applicable cause of each leak								
System		ID	OD	?	Crk	Gal	GC	Lea	Mec	MIC	O	Ovd	Pit		ID	OD	?	Crk	Gal	GC	Lea	Mec	MIC	O	Ovd	Pit
Plant Specific Important Underground Systems	0	0	0	0	0	0	0	0	0	0	0	0	0	0												
	0	0	0	0	0	0	0	0	0	0	0	0	0	0												
	0	0	0	0	0	0	0	0	0	0	0	0	0	0												
	0	0	0	0	0	0	0	0	0	0	0	0	0	0												
	0	0	0	0	0	0	0	0	0	0	0	0	0	0												
	0	0	0	0	0	0	0	0	0	0	0	0	0	0												
	0	0	0	0	0	0	0	0	0	0	0	0	0	0												
	0	0	0	0	0	0	0	0	0	0	0	0	0	0												
	0	0	0	0	0	0	0	0	0	0	0	0	0	0												
	0	0	0	0	0	0	0	0	0	0	0	0	0	0												
	0	0	0	0	0	0	0	0	0	0	0	0	0	0												
	0	0	0	0	0	0	0	0	0	0	0	0	0	0												
	0	0	0	0	0	0	0	0	0	0	0	0	0	0												
	0	0	0	0	0	0	0	0	0	0	0	0	0	0												
	0	0	0	0	0	0	0	0	0	0	0	0	0	0												
	0	0	0	0	0	0	0	0	0	0	0	0	0	0												
Containment Spray	0	0	0	0	0	0	0	0	0	0	0	0	0	0												
Primary Water Storage and Transfer	0	0	0	0	0	0	0	0	0	0	0	0	0	0												
Water Treatment Systems	0	0	0	0	0	0	0	0	0	0	0	0	0	1			1			1						
Miscellaneous Oil Systems	0	0	0	0	0	0	0	0	0	0	0	0	0	0												
Circulating Water System	1	0	0	1	0	0	0	0	0	0	1	0	0	1			1							1		
TOTALS	**35**	**6**	**13**	**16**	**0**	**1**	**4**	**0**	**10**	**2**	**10**	**4**	**4**	**78**	**14**	**40**	**24**	**3**	**6**	**13**	**0**	**17**	**3**	**18**	**6**	**12**

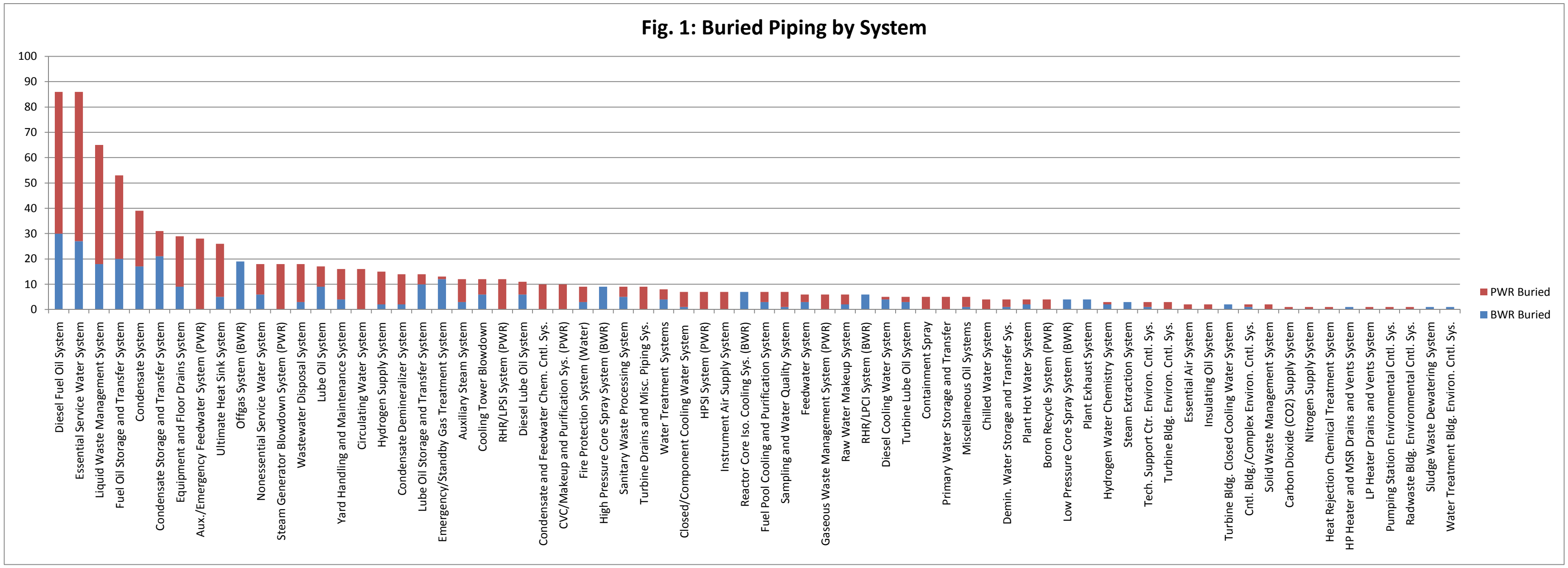
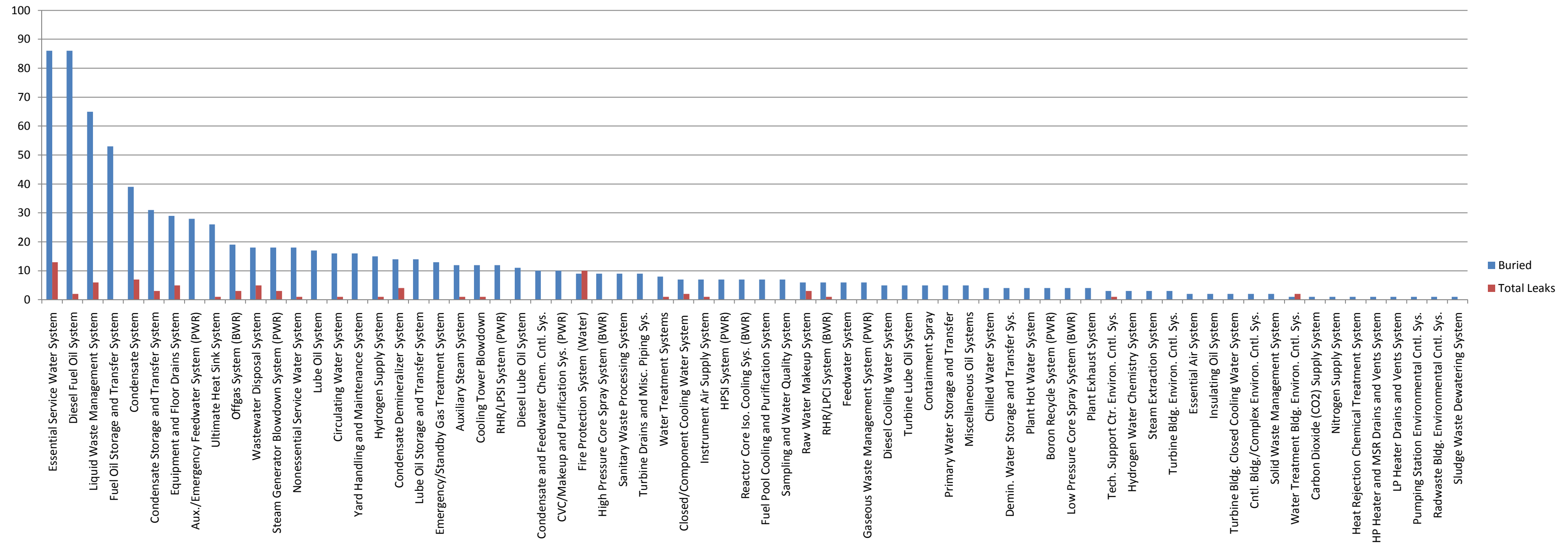


Fig. 1: Buried Piping by System

Fig. 2: Buried Systems and Leakage



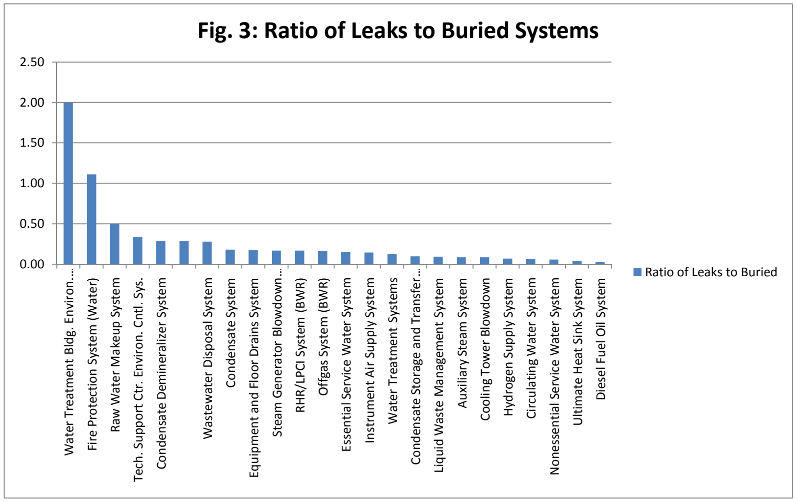
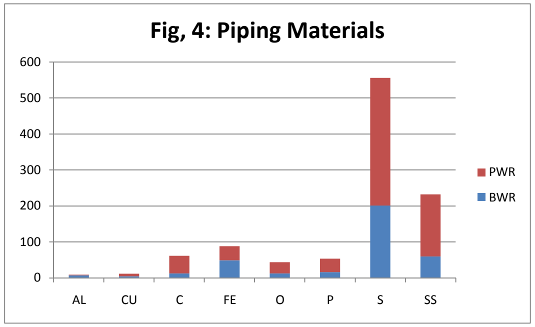


Fig. 3: Ratio of Leaks to Buried Systems



Fig, 4: Piping Materials

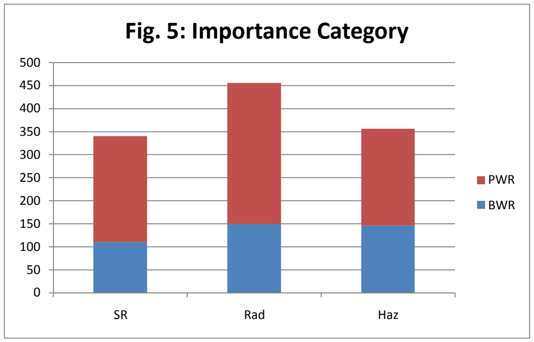


Fig. 5: Importance Category

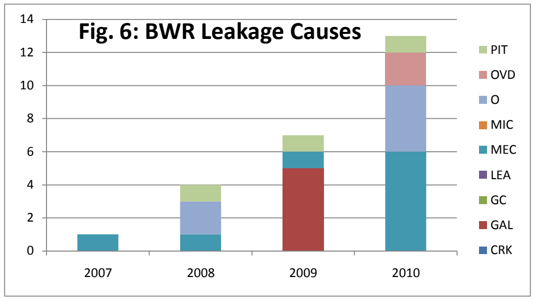


Fig. 6: BWR Leakage Causes

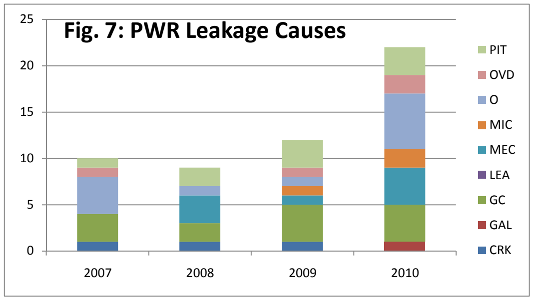


Fig. 7: PWR Leakage Causes

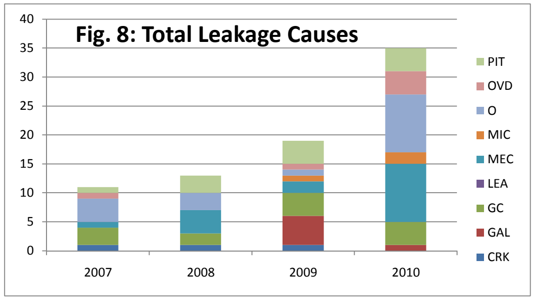


Fig. 8: Total Leakage Causes

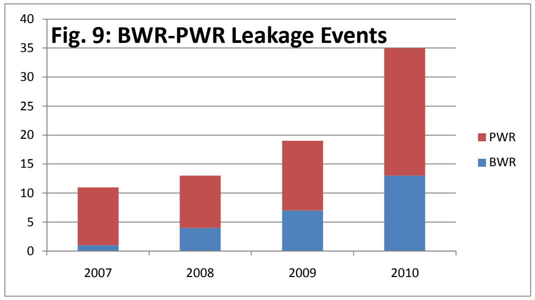


Fig. 9: BWR-PWR Leakage Events