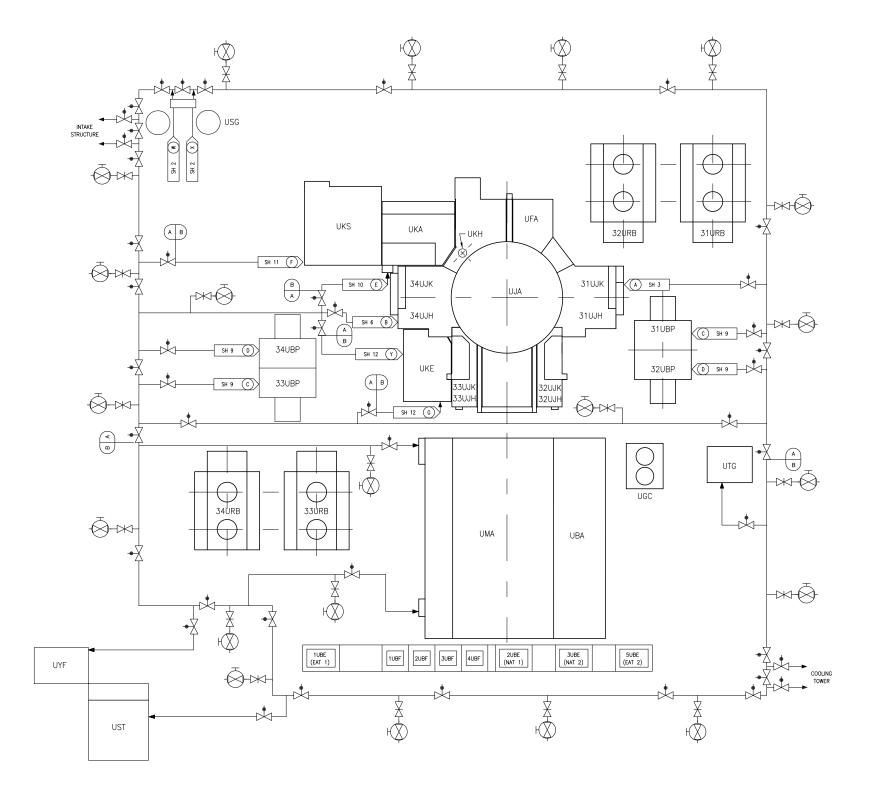


Figure 9.5.1-1—Fire Water Distribution System Sheet 1 of 13



SGA	- FIRE WATER DISTRIBUTION SYSTEM, CONVENTIONAL AREA
SGB	- FIRE WATER DISTRIBUTION SYSTEM INSIDE NUCLEAR ISLAND
UBA	- SWITCHGEAR BUILDING
	- AUXILIARY POWER TRANSFORMER AREA
	- GENERATOR TRANSFORMER AREA
	<ul> <li>EMERGENCY POWER GENERATING BUILDING 1</li> </ul>
	<ul> <li>EMERGENCY POWER GENERATING BUILDING 2</li> </ul>
	<ul> <li>EMERGENCY POWER GENERATING BUILDING 3</li> </ul>
	- EMERGENCY POWER GENERATING BUILDING 4
	- FUEL BUILDING
	- DEMINERALIZED WATER STORAGE AREA
	- REACTOR BUILDING
	<ul> <li>SAFEGUARD BUILDING MECHANICAL, DIVISION 1</li> </ul>
	<ul> <li>SAFEGUARD BUILDING MECHANICAL, DIVISION 2</li> </ul>
	- SAFEGUARD BUILDING MECHANICAL, DIVISION 3
	<ul> <li>SAFEGUARD BUILDING MECHANICAL, DIVISION 4</li> </ul>
	<ul> <li>SAFEGUARD BUILDING ELECTRICAL, DIVISION 1</li> </ul>
	<ul> <li>SAFEGUARD BUILDING ELECTRICAL, DIVISION 2</li> </ul>
	<ul> <li>SAFEGUARD BUILDING ELECTRICAL, DIVISION 3</li> </ul>
	<ul> <li>SAFEGUARD BUILDING ELECTRICAL, DIVISION 4</li> </ul>
	<ul> <li>NUCLEAR AUXILIARY BUILDING</li> </ul>
	- ACCESS BUILDING
	- VENT STACK
	- RADIOACTIVE WASTE PROCESSING BUILDING
	- TURBINE BUILDING
	<ul> <li>ESSENTIAL SERVICE WATER COOLING TOWER STRUCTURE, DIVISION</li> </ul>
	- ESSENTIAL SERVICE WATER COOLING TOWER STRUCTURE, DIVISION 2
	- ESSENTIAL SERVICE WATER COOLING TOWER STRUCTURE, DIVISION 3
	- ESSENTIAL SERVICE WATER COOLING TOWER STRUCTURE, DIVISION 4
	- FIRE PROTECTION STORAGE TANKS AND BUILDING
	- WORKSHOP AND WAREHOUSE BUILDING
	- CENTRAL GAS SUPPLY BUILDING
UYF	- SECURITY ACCESS FACILITY

С	D	ATMOSPHERIC	150	ll ll
В	D	250	150	NSC
A	D	250	150	ll ll
DESIGN AREA	SSC QUALITY GROUP	DESIGN PRESSURE PSIG	DESIGN TEMPERATURE 'F	SSC SEISMIC CLASS

REV 004 SGA01T2



Figure 9.5.1-1—Fire Water Distribution System Sheet 2 of 13

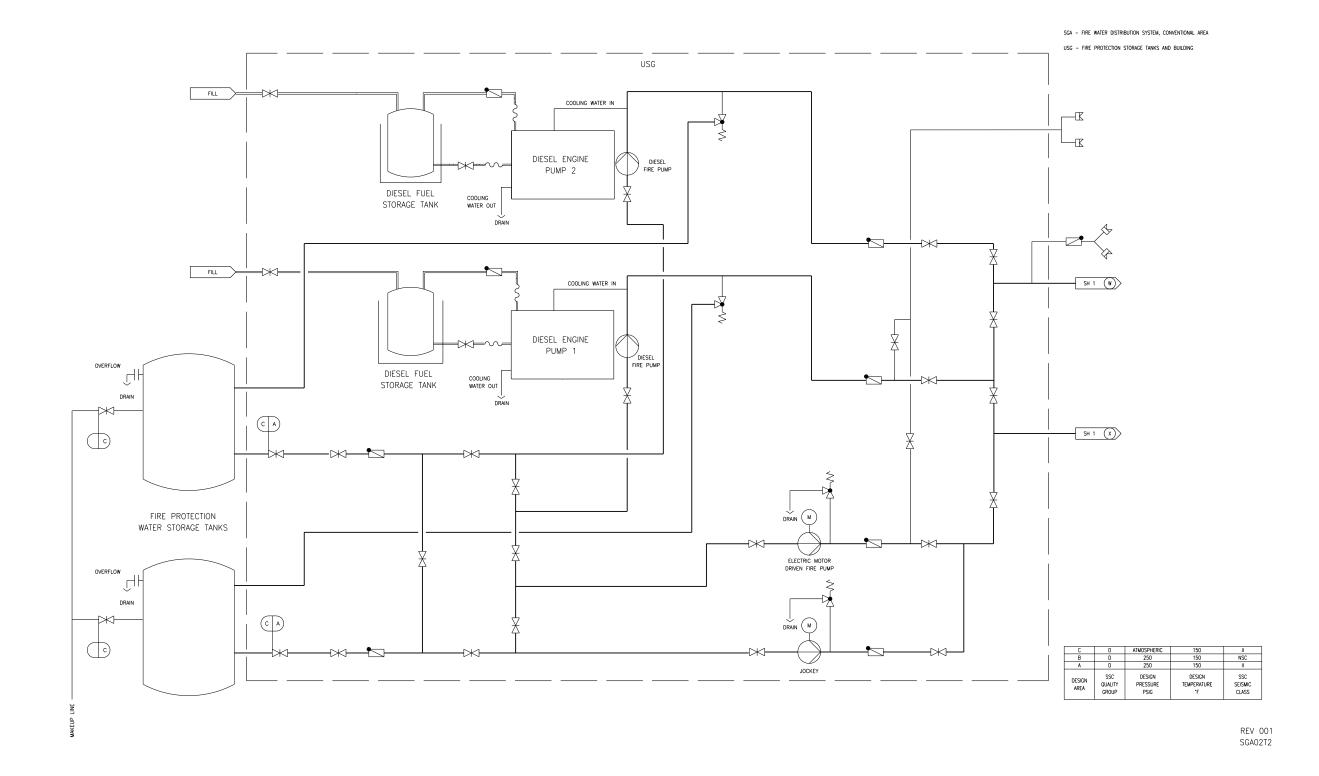




Figure 9.5.1-1—Fire Water Distribution System Sheet 3 of 13

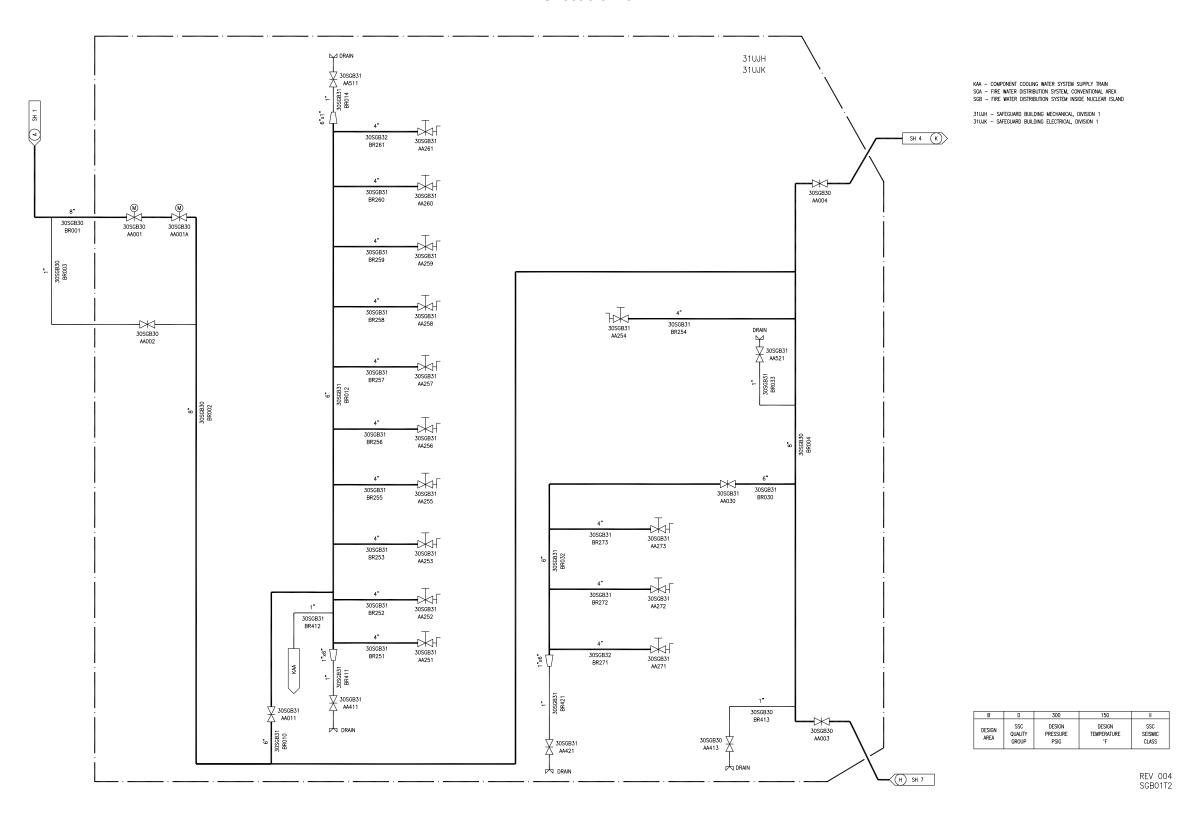




Figure 9.5.1-1—Fire Water Distribution System Sheet 4 of 13

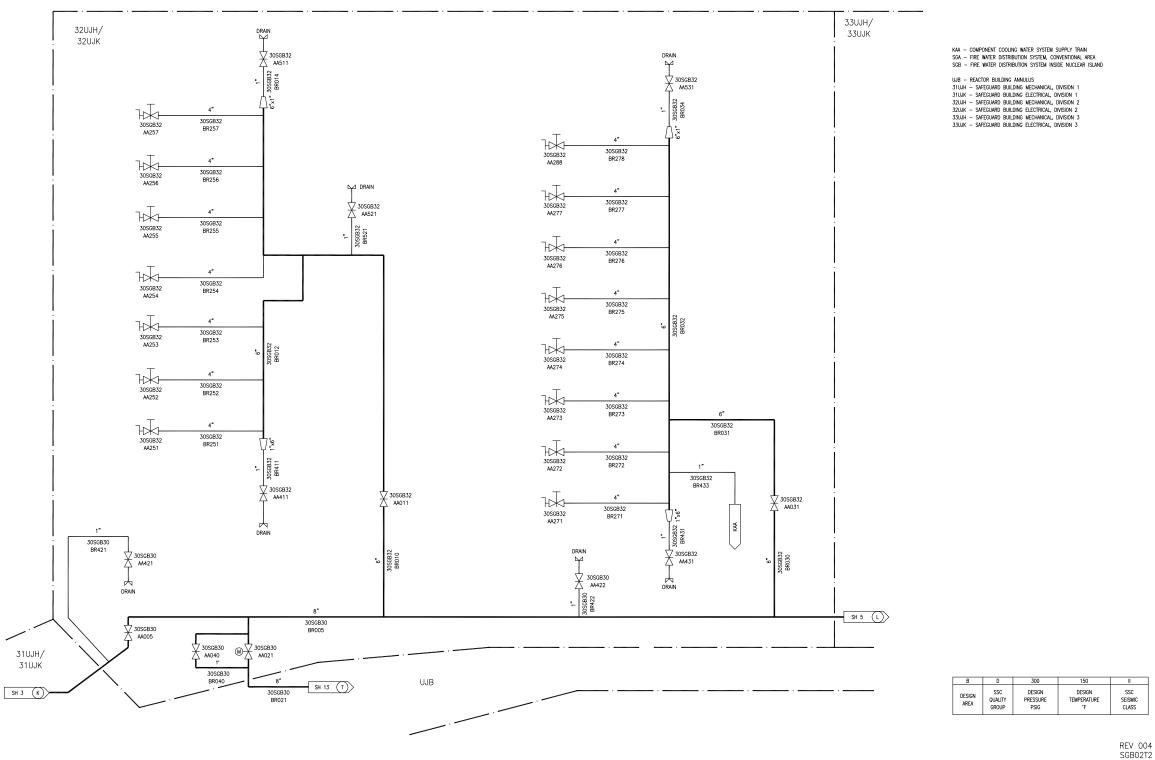




Figure 9.5.1-1—Fire Water Distribution System Sheet 5 of 13

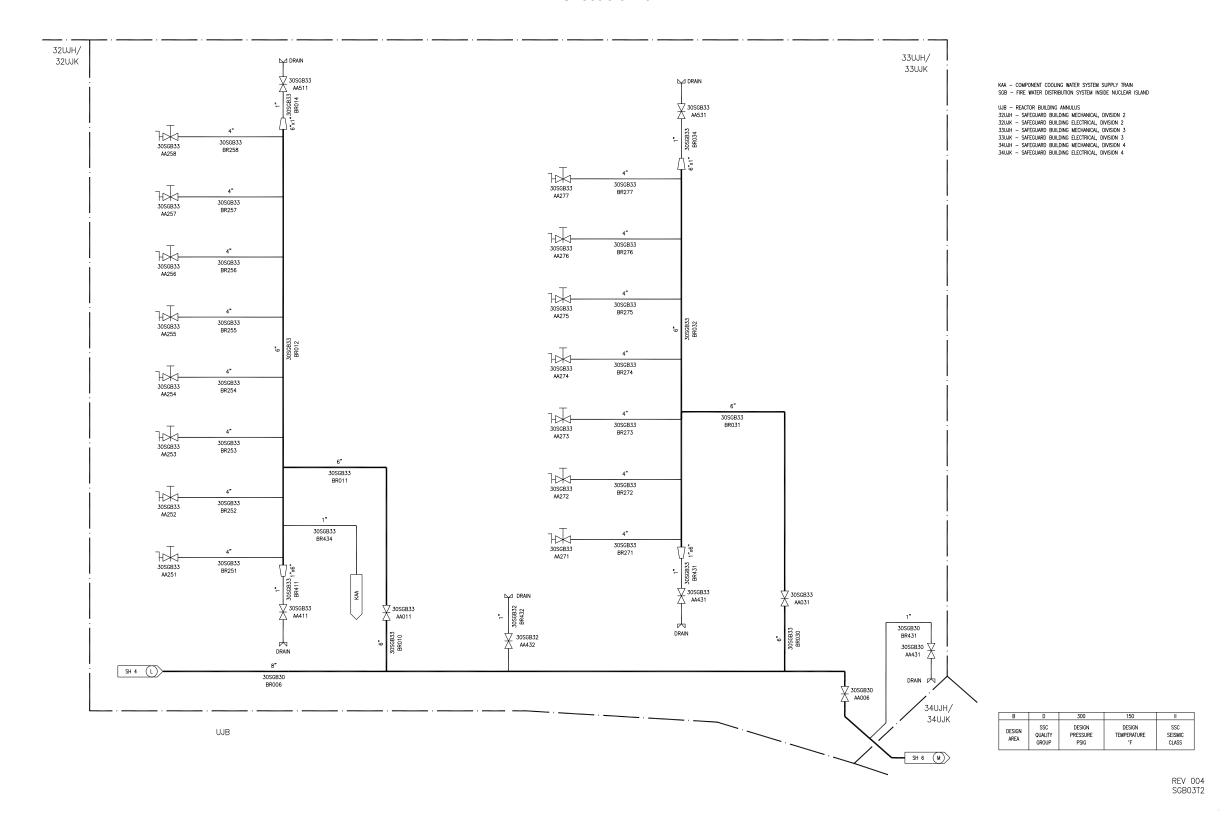




Figure 9.5.1-1—Fire Water Distribution System Sheet 6 of 13

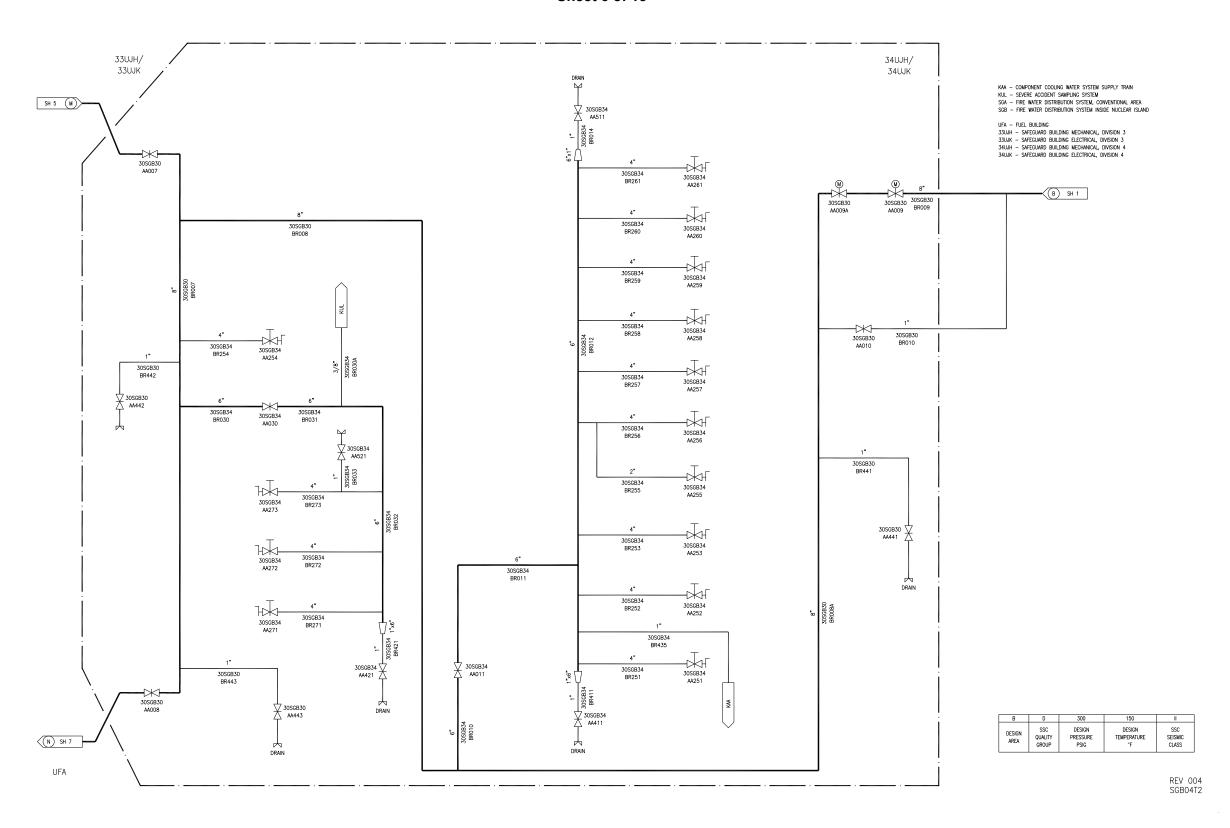




Figure 9.5.1-1—Fire Water Distribution System Sheet 7 of 13

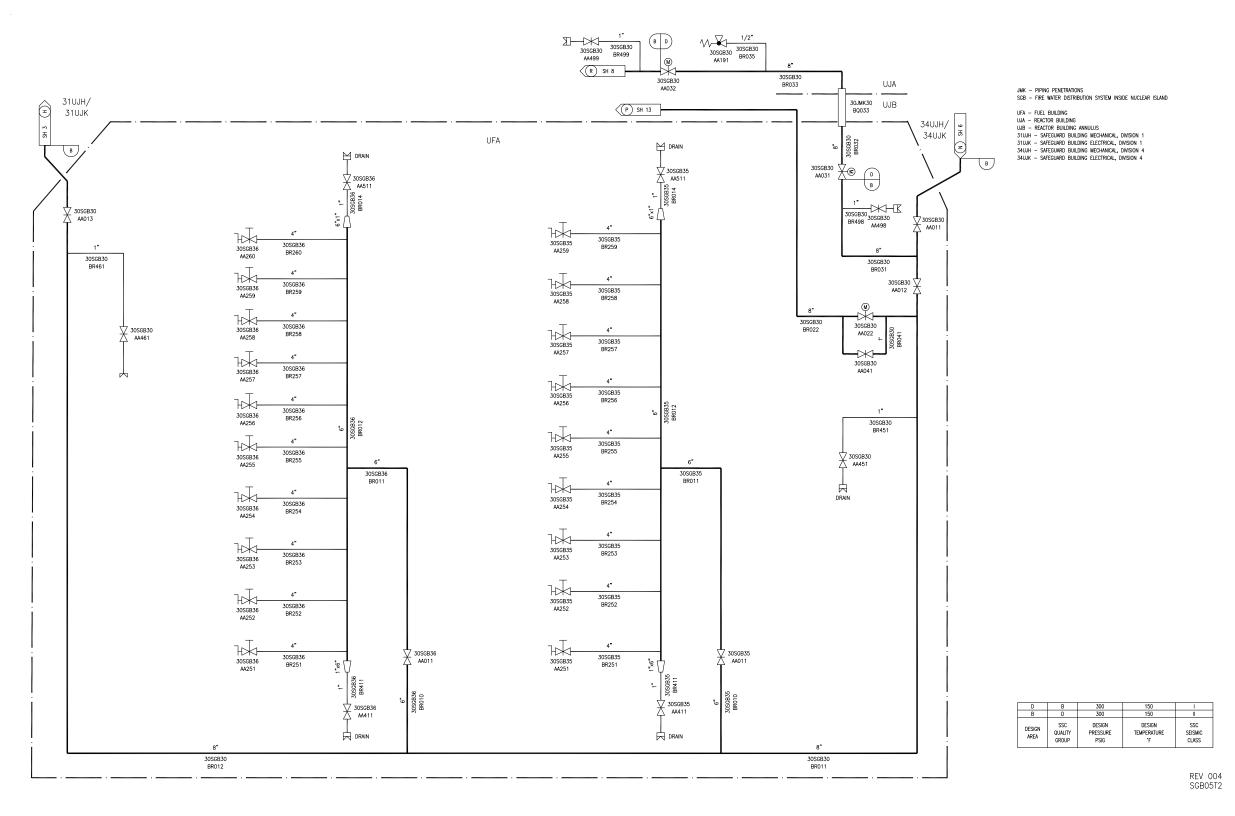




Figure 9.5.1-1—Fire Water Distribution System Sheet 8 of 13

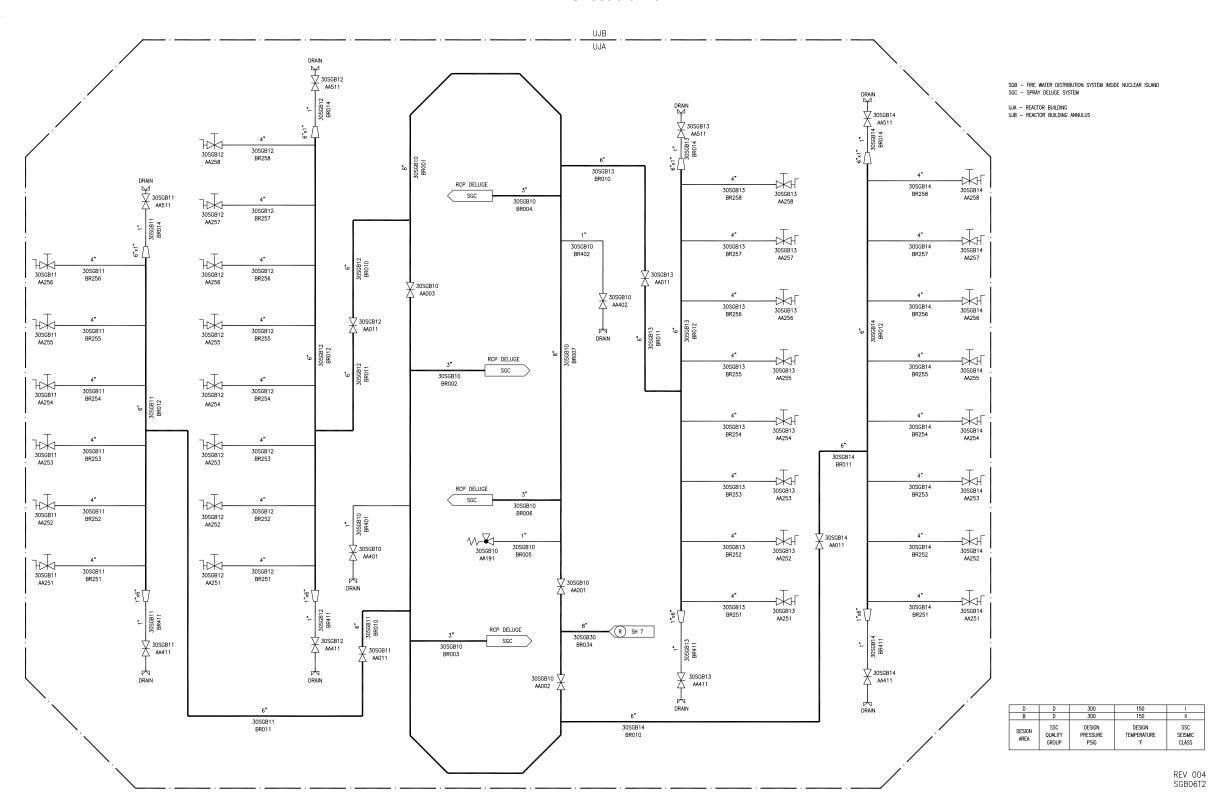
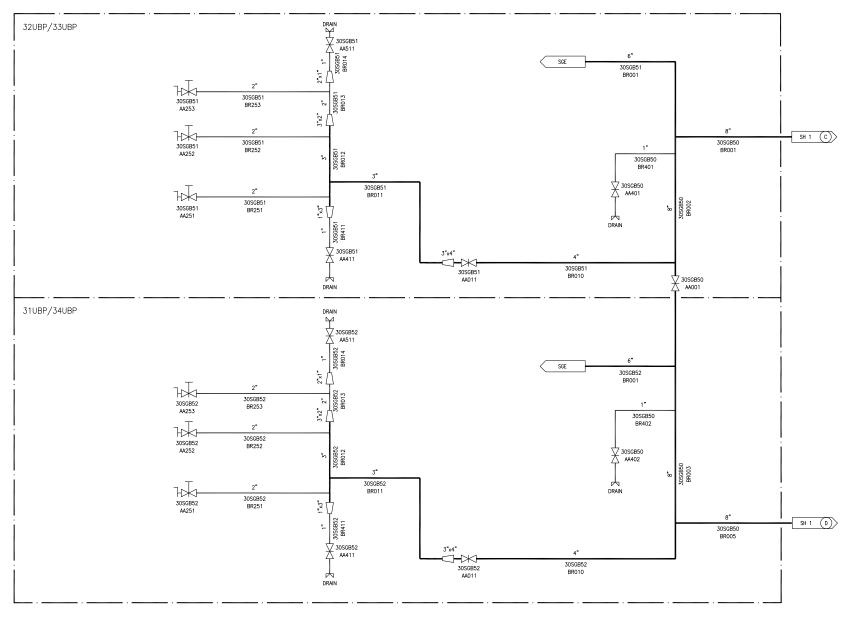




Figure 9.5.1-1—Fire Water Distribution System Sheet 9 of 13



SGA - FIRE WATER DISTRIBUTION SYSTEM, CONVENTIONAL AREA SGB - FIRE WATER DISTRIBUTION SYSTEM INSIDE NUCLEAR ISLAND SGE - SPRINKLER SYSTEMS

31UBP - EMERGENCY POWER GENERATING, DIVISION 1 32UBP - EMERGENCY POWER GENERATING, DIVISION 2 33UBP - EMERGENCY POWER GENERATING, DIVISION 3 34UBP - EMERGENCY POWER GENERATING, DIVISION 4

> REV 004 SGB07T2



Figure 9.5.1-1—Fire Water Distribution System Sheet 10 of 13

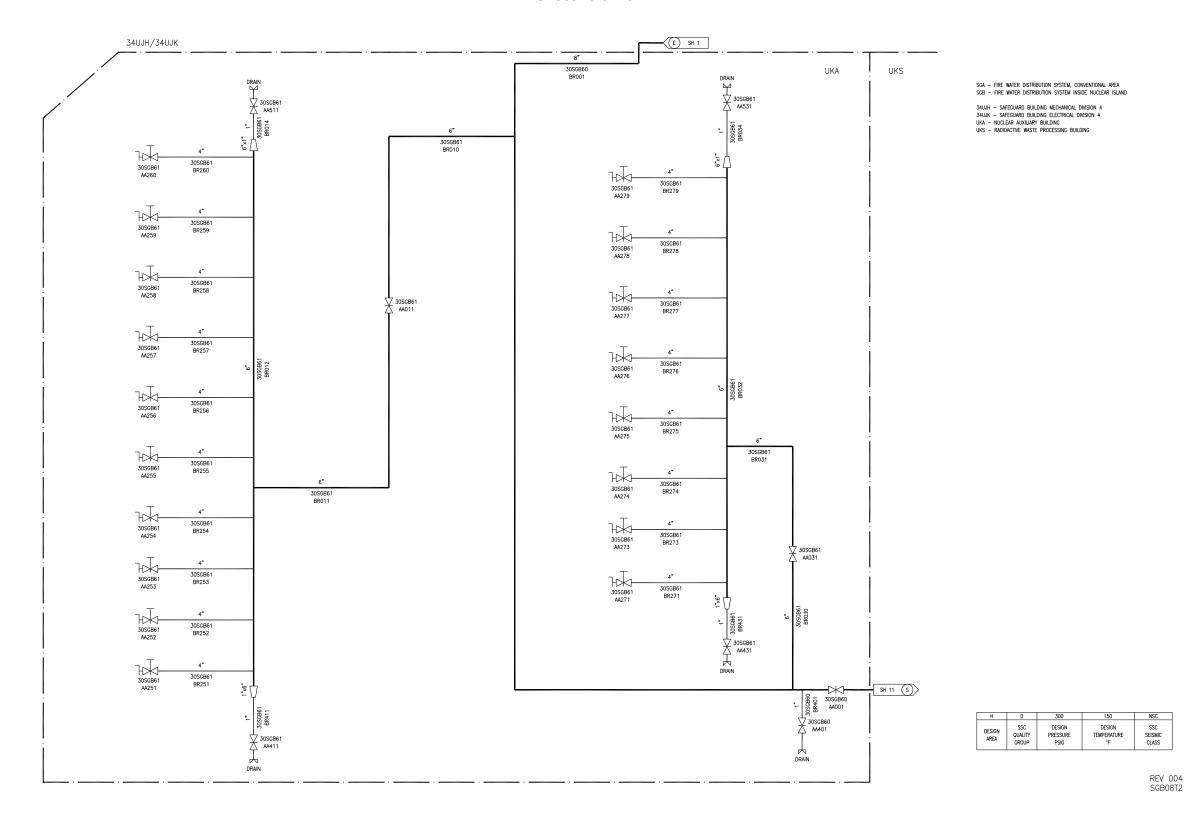




Figure 9.5.1-1—Fire Water Distribution System Sheet 11 of 13

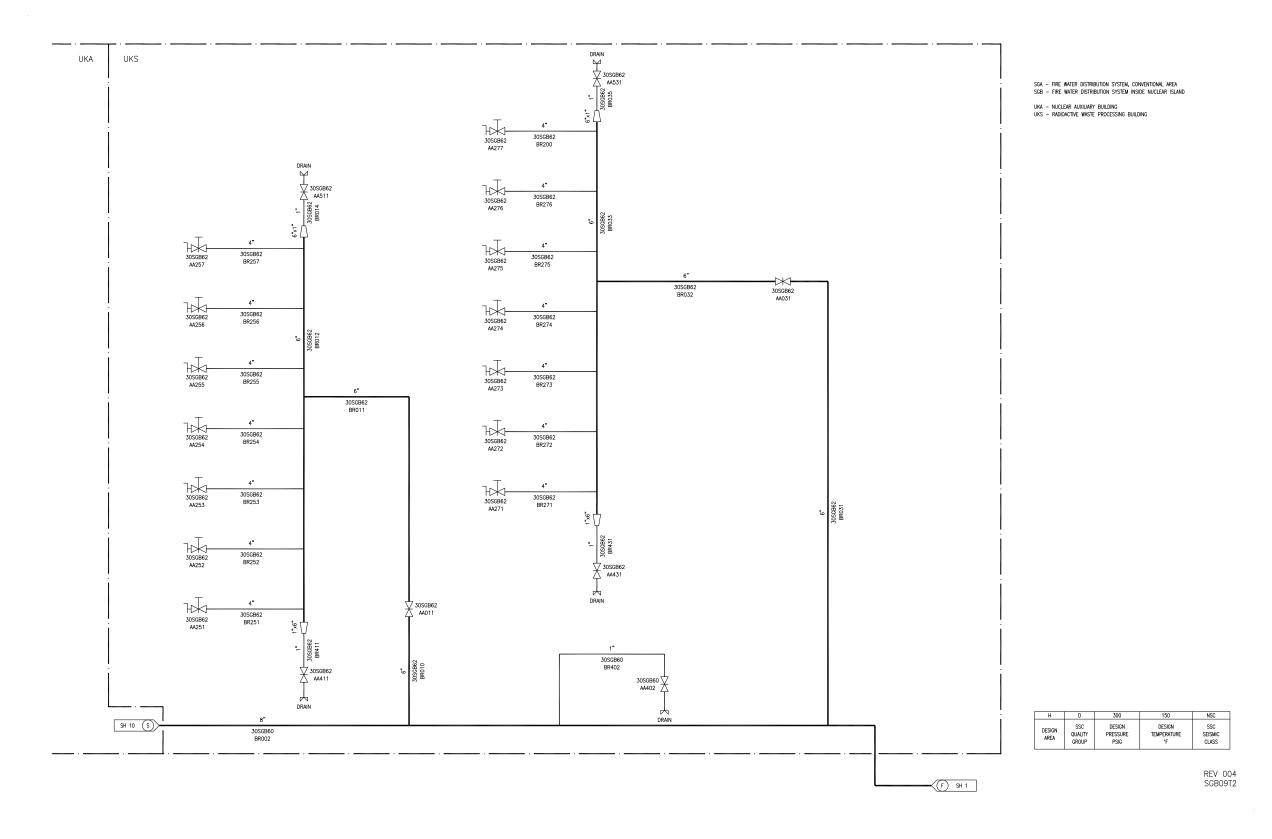




Figure 9.5.1-1—Fire Water Distribution System Sheet 12 of 13

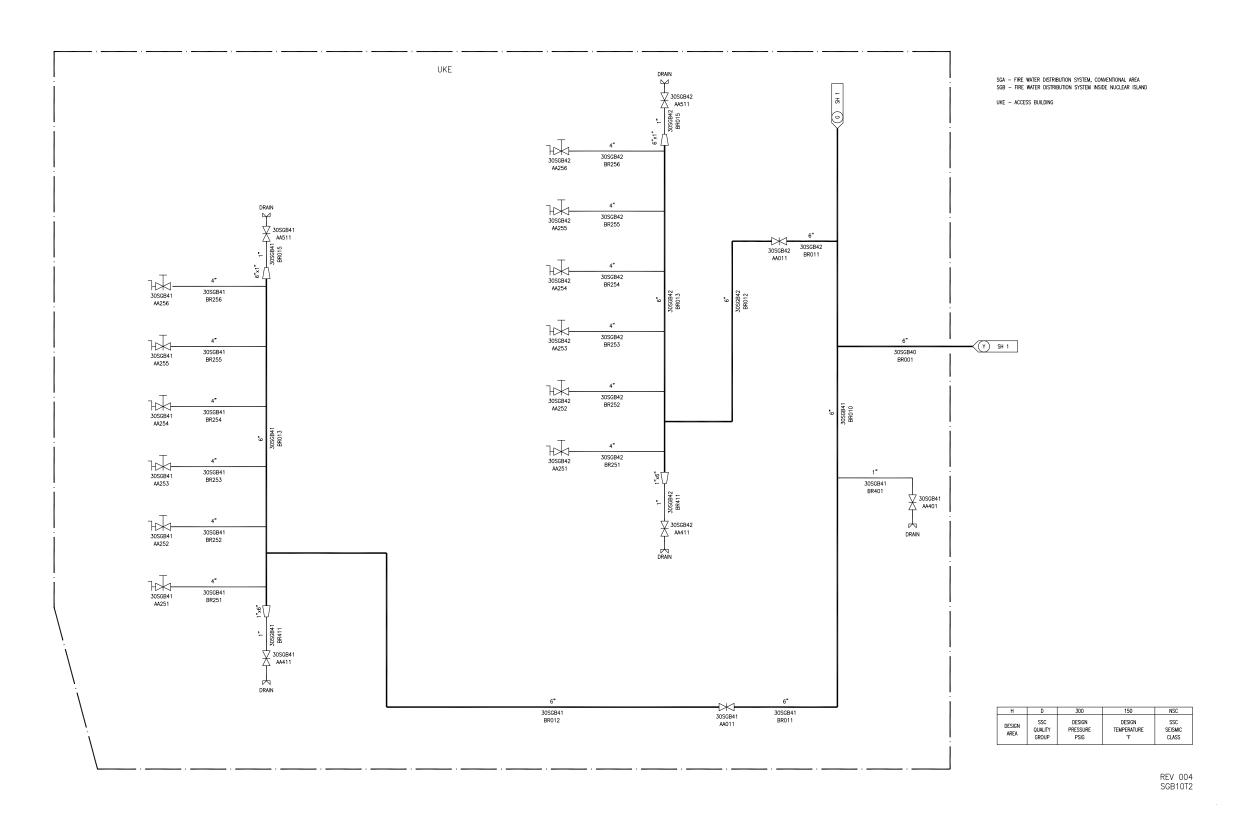




Figure 9.5.1-1—Fire Water Distribution System Sheet 13 of 13

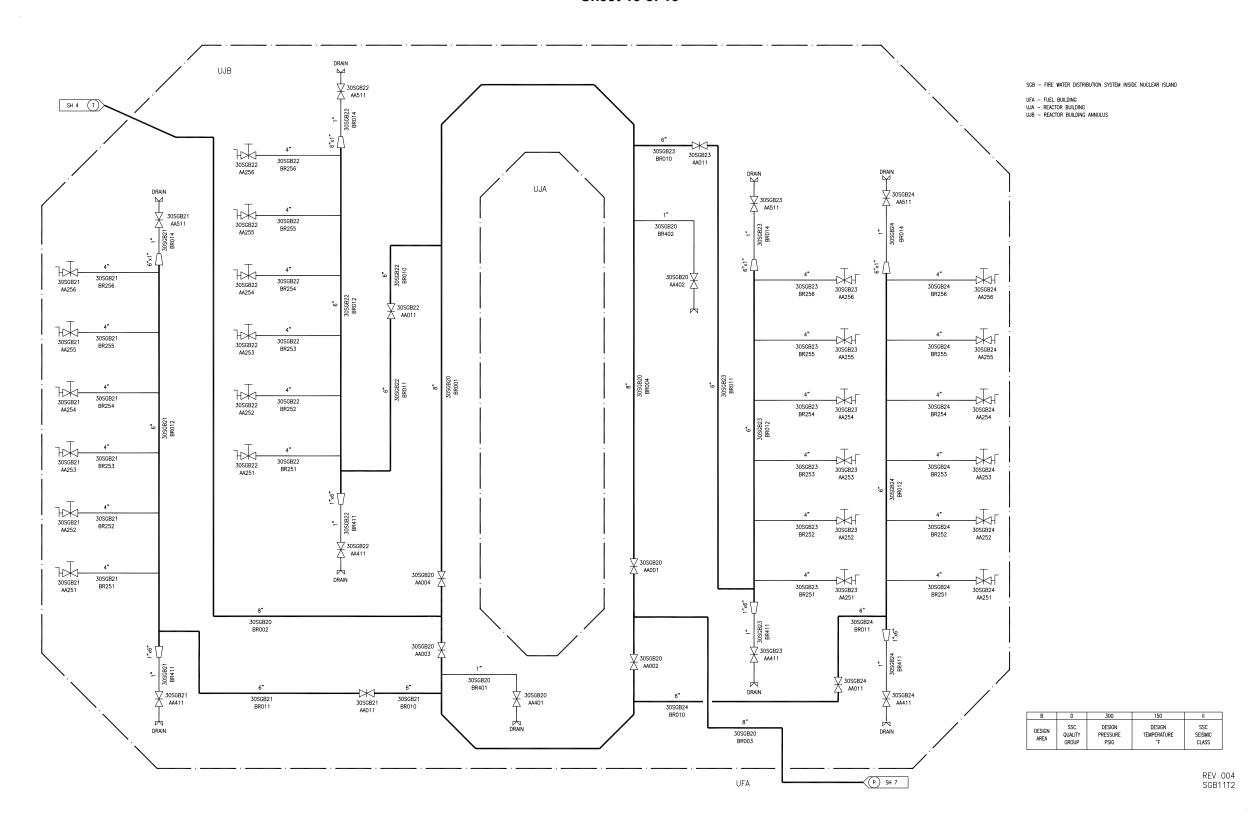
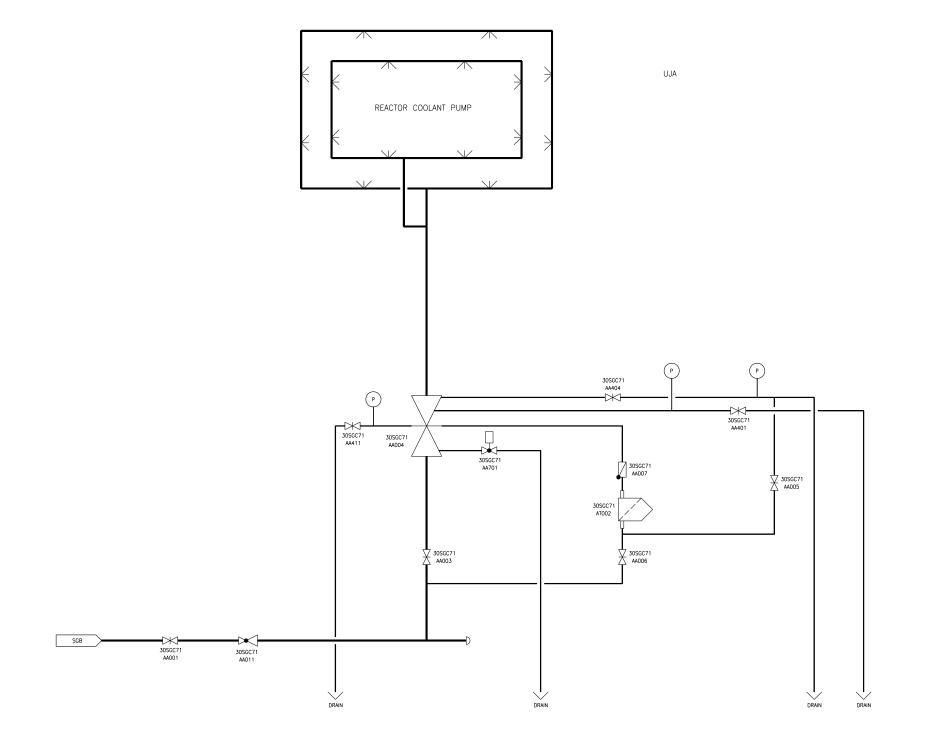




Figure 9.5.1-2—Spray Deluge Systems Layout Sheet 1 of 2



SGB - FIRE WATER SYSTEM; NUCLEAR ISLAND SGC - SPRAY DELUGE SYSTEM

UJA - REACTOR BUILDING

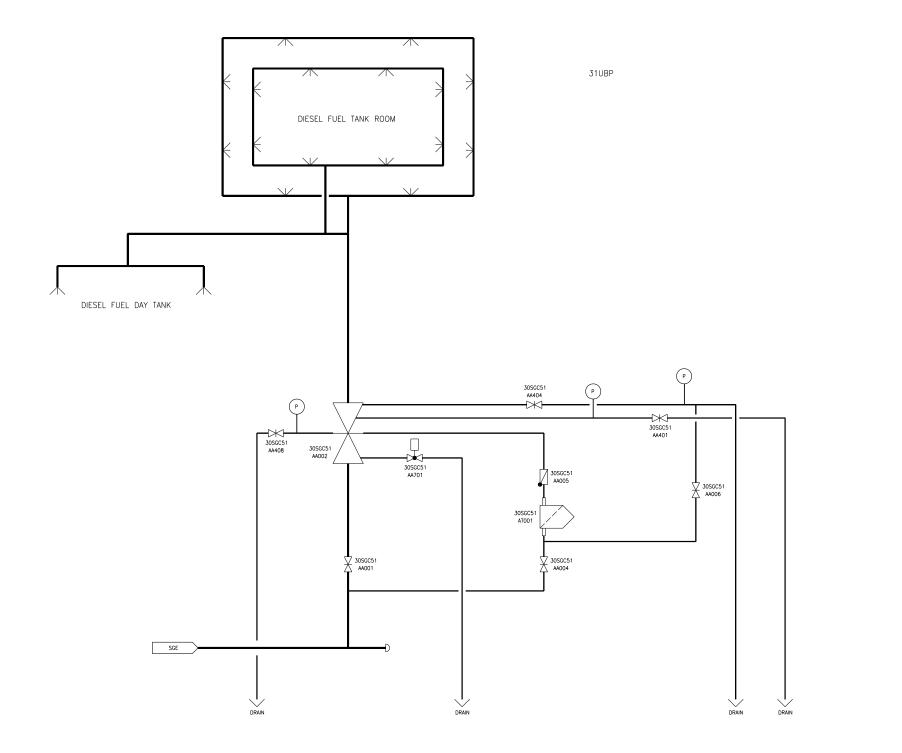
NOTE: REACTOR COOLANT PUMP LOOP 1 SHOWN, REPRESENTATIVE OF SPRAY DELUGE SYSTEM FOR LOOPS 2, 3 AND 4.

В	D	175	122.4	NSC
DESIGN AREA	SSC QUALITY GROUP	DESIGN PRESSURE PSIG	DESIGN TEMPERATURE *F	SSC SEISMIC CLASS

SGC01T2



Figure 9.5.1-2—Spray Deluge Systems Layout Sheet 2 of 2



SGC - SPRAY DELUGE SYST

31UBP - EMERGENCY DIESEL GENERATING BUILDING, DIVISION 1

NOTE:

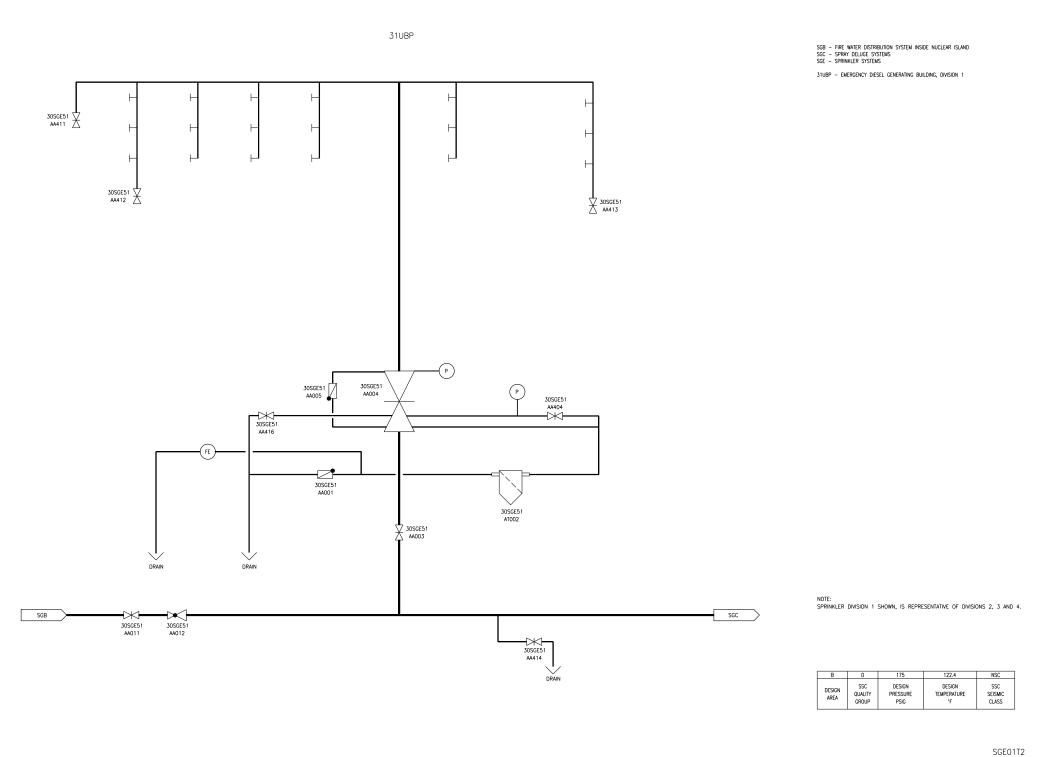
SPRAY DELUGE DIVISION 1 SHOWN, REPRESENTATIVE OF DIVISIONS 2, 3 AND 4.

В	D	175	122.4	NSC
DESIGN AREA	SSC QUALITY GROUP	DESIGN PRESSURE PSIG	DESIGN TEMPERATURE *F	SSC SEISMIC CLASS

SGC02T2



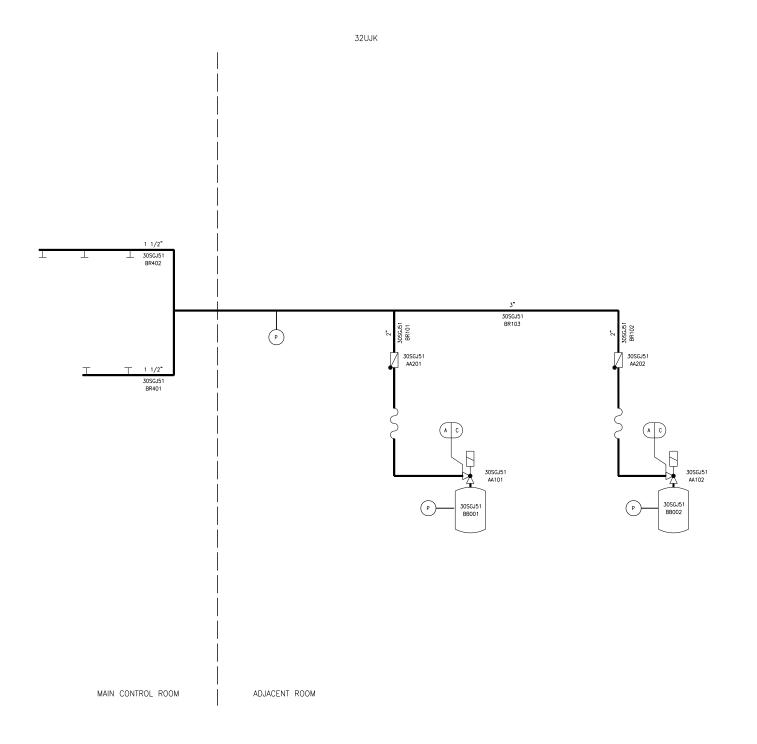
Figure 9.5.1-3—Sprinkler Systems Layout



SUEUTIZ



Figure 9.5.1-4—Gaseous Fire Extinguishing Systems Layout



SGJ - GASEOUS FIRE EXTINGUISHING SYSTEM

32UJK - SAFEGUARD BUILDING ELECTRICAL DIVISION 2

С	D	500	80	NSC
A	D	VENDOR SUPPLIED	130	NSC
DESIGN AREA	SSC QUALITY GROUP	DESIGN PRESSURE PSIG	DESIGN TEMPERATURE *F	SSC SEISMIC CLASS

SGJ01T2