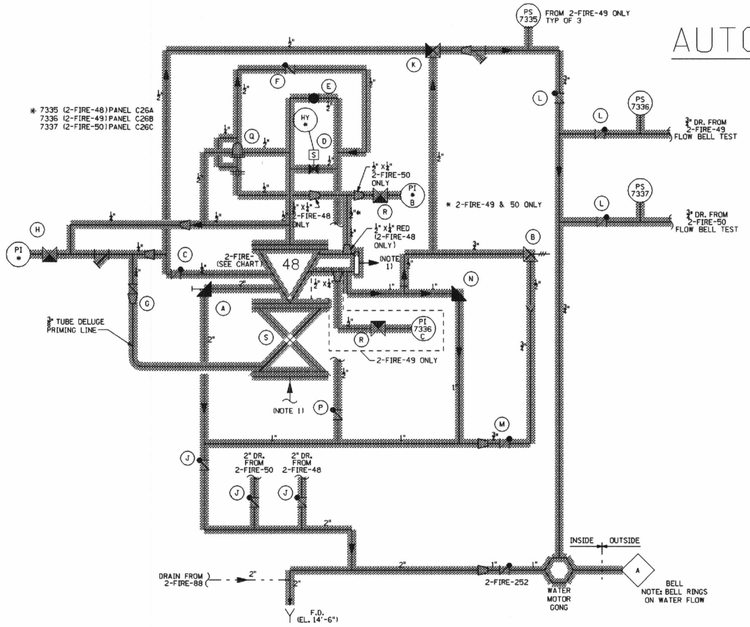
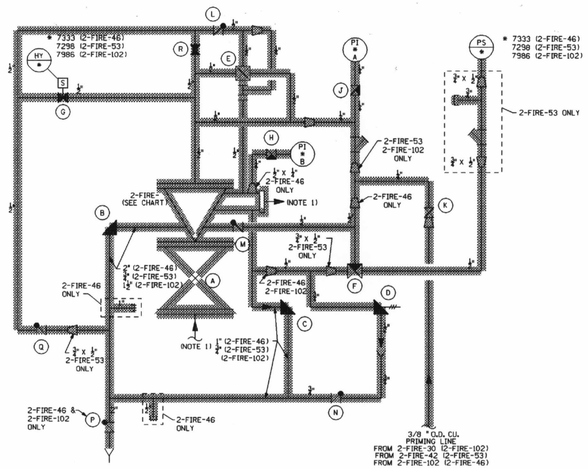
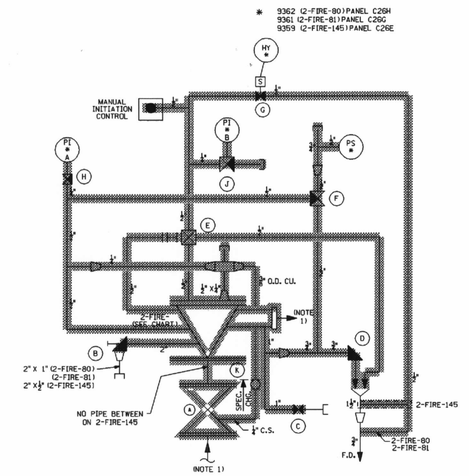
AUTO SPRINKLER DELUGE VALVES





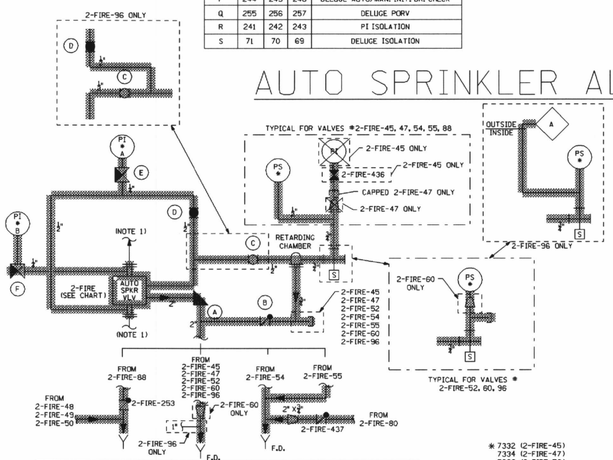


VALVE CHART				
LETTER DESIG.	VALVE *2-FIRE-			DESCRIPTION
	48 (A-12)	49 (C-12)	50 (B-12)	
A	202	203	204	DELUGE VALVE DR. (OUTLET)
B	238	206	207	FLOW BELL TEST VALVE INLET DRAIN
C	208	209	210	FLOW BELL TEST VALVE UPSTREAM CHECK
D	211	212	213	DELUGE AUTO INITIATION
E	214	215	216	DELUGE MANUAL INITIATION
F	217	218	219	PORV OUTLET CHECK
G	220	221	222	DELUGE PRIMING LINE ISOLATION
H	223	224	225	PI ISOLATION
J	226	228	227	DELUGE INLET DRAIN CHECK
K	229	230	231	FLOW BELL TEST VALVE
L	232	233	234	FLOW BELL TEST VALVE OUTLET CHECK
M	235	236	237	DELUGE OUTLET DISCH. CHECK
N	205	239	240	DELUGE VALVE DR. (OUTLET)
P	244	245	246	DELUGE AUTO/MAN. INIT. DR. CHECK
Q	255	256	257	DELUGE PORV
R	241	242	243	PI ISOLATION
S	71	70	69	DELUGE ISOLATION

VALVE CHART				
LETTER DESIG.	DELUGE VALVE *2-FIRE-			DESCRIPTION
	46 (D-9)	53 (B-8)	102 (C-9)	
A	103	42	101	DELUGE VALVE ISOLATION
B	285	301	317	DELUGE VALVE INLET DR.
C	286	302	318	DELUGE VALVE OUTLET DR.
D	287	303	319	FLOW BELL TEST VALVE RELIEF VALVE
E	288	304	320	PORV
F	289	305	321	FLOW BELL TEST VALVE
G	290	306	322	DELUGE INITIATION SOV
H	291	307	323	PI ISOLATION
J	292	308	324	PI ISOLATION
K	293	309	325	PRIMING LINE ISOLATION
L	294	310	326	PORV OUTLET CHECK
M	295	311	327	DELUGE AUTO/MAN. INIT. DR. CHECK
N	296	312	328	DRAIN LINE CHECK
P	297		329	DRAIN LINE CHECK
Q	298	314	330	DELUGE INIT. SOV OUTLET CHECK
R	299	315	331	DELUGE MANUAL INITIATION

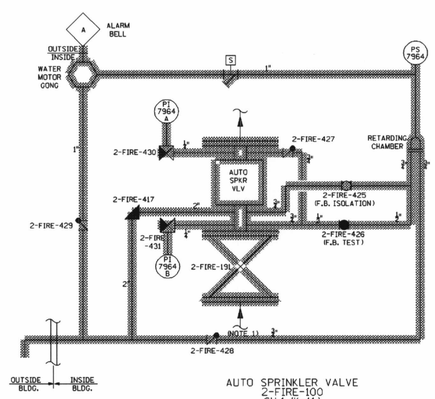
VALVE CHART				
LETTER DESIG.	DELUGE VALVE 2-FIRE-			DESCRIPTION
	80 (H-10)	81 (H-8)	145 (G-6)	
A	22	24	144	DELUGE VALVE ISOLATION
B	159	161	151	DELUGE VALVE INLET DR.
C	375	384	187	DELUGE VALVE OUTLET DR.
D	376	385	393	FLOW BELL TEST VALVE RELIEF VALVE
E	377	386	394	PORV
F	378	387	395	FLOW BELL TEST VALVE
G	379	388	396	DELUGE INITIATION SOV
H	380	389	397	PI ISOLATION
J	381	390	398	PI ISOLATION
K	382	391	399	PRIMING LINE ISOLATION

AUTO SPRINKLER ALARM CHECK VALVE DETAILS

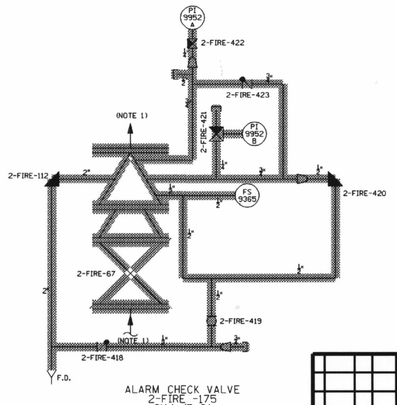


VALVE CHART										
LETTER DESIG.	ALARM CHECK VALVE *2-FIRE-									DESCRIPTION
	45 (D-8)	47 (E-11)	52 (B-5&8)	54 (H-7)	55 (H-11)	60 (J-6)	88 (D-11)	96 (H-12)		
A	332	338	247	344	350	356	362	368		ALARM CHECK VALVE DRAIN ISOLATION
B	333	339	249	345	351	357	363	369		PORV DRAIN CHECK
C	334	340	248	346	352	358	364	370		RETARD CHAMBER INLET ISOLATION
D	335	341	254	347	353	359	365	371		ALARM CHECK BYPASS ISOL.
E	336	342	250	348	354	360	366	372		ALARM CHECK INLET PI ISOLATION
F	337	343	251	349	355	361	367	373		ALARM CHECK OUTLET PI ISOLATION

* 7332 (2-FIRE-45)
7334 (2-FIRE-47)
7299 (2-FIRE-52)
7437 (2-FIRE-54)
7297 (2-FIRE-55)
7296 (2-FIRE-60)
8613 (2-FIRE-88)
7963 (2-FIRE-96)



AUTO SPRINKLER VALVE
2-FIRE-100
SH.1 (K-11)



ALARM CHECK VALVE
2-FIRE-175
SH.1, (F-6)

NOTES:
1. FOR CONTINUATIONS OF FIRE SYSTEM HEADERS SEE DWG 25203-26011 SH. 1.
2. WORK THIS DRAWING WITH 25203-26011 SH.1.

OPERATIONS CRITICAL

Q.A.

CAD
NOTE: MANUAL REVISIONS TO THIS DOCUMENT WHEN AS-BUILT ARE PROHIBITED.

REVISIONS DURING CONSTRUCTION	P.A. NO.

Dominion Nuclear Connecticut Inc.
FOR Millstone Power Station
TITLE: MILLSTONE NUCLEAR POWER STATION-UNIT 2
LICENSE RENEWAL DIAGRAM
FIRE PROTECTION AUTO SPRINKLER VALVE DETS.
WATERFORD, CT

BY	CHKD.	APP.	APP.
DATE	DATE	DATE	DATE
SCALE	DWG. NO.		
	25203-LR26011 SH. 5 OF 6		0

REV	NO.	DATE	REVISIONS	BY	CHK.	APP.	APP.
N/A	00	2-7-02	INITIAL ISSUE PER REV 5	CLW			

ISSUED PER MASTER DRAWING 25203-26011 SH. 5 OF 6 — REV 5

COMPONENTS SUBJECT TO AGING MANAGEMENT REVIEW
2341 FIRE PROTECTION
NOTE: SOME SHADED LINES MAY CONTAIN COMPONENTS FROM MORE THAN ONE SYSTEM.

D105

Submitted by AHLUWALIAC on Wednesday January 07 2004 at 12:26:13 PM EST