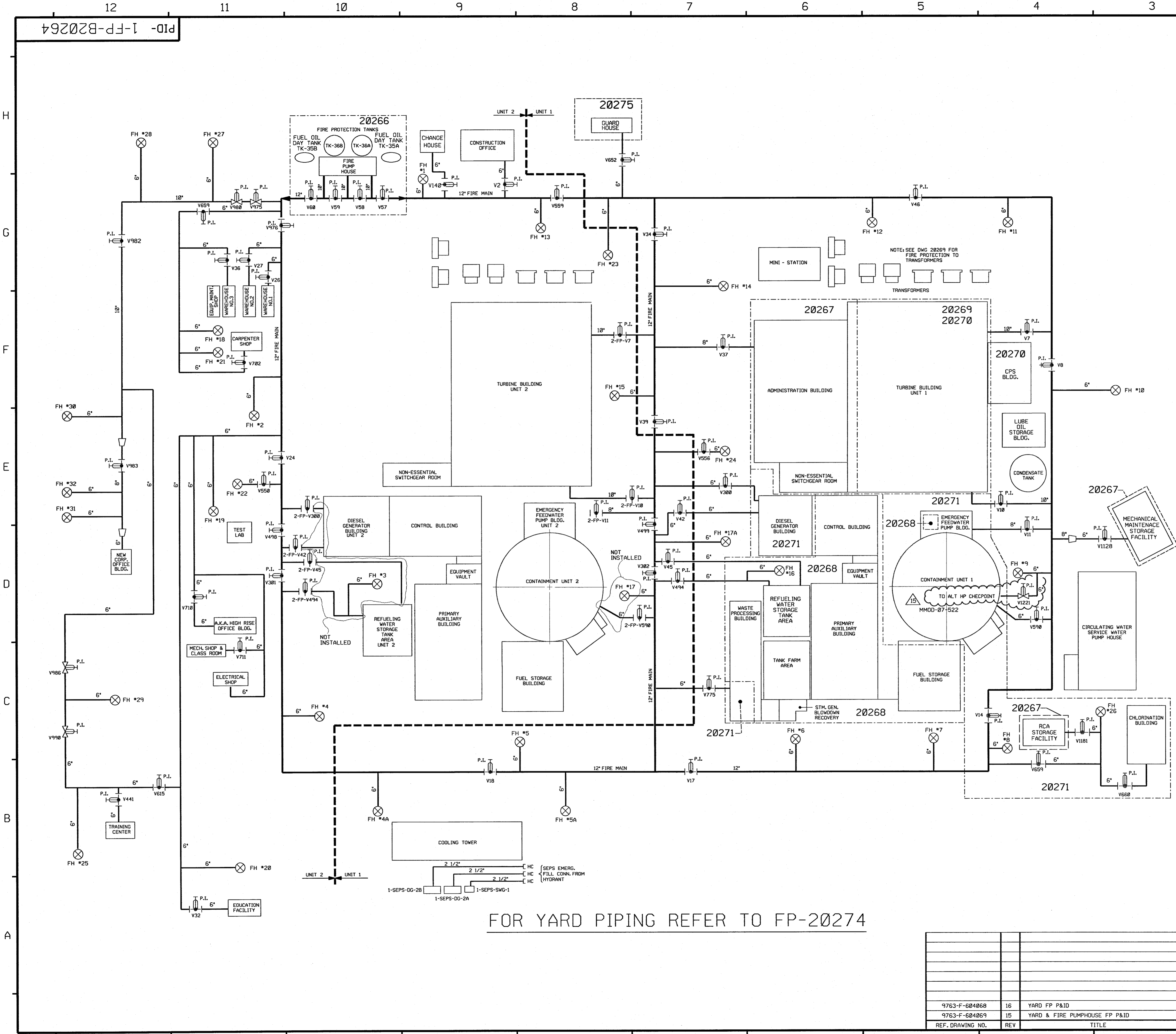


FOR P&ID REFERENCE DRAWINGS, SYMBOLS AND ABBREVIATIONS REFER TO DRAWINGS P&ID - LEGEND 1 AND P&ID - LEGEND 2

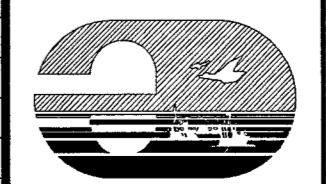


- NOTES:
1. ALL LINES, EQUIPMENT, COMPONENTS AND INSTRUMENTATION ARE PREFIXED "FP", UNLESS NOTED OTHERWISE.
 2. WORK THIS DRAWING WITH DRAWINGS 20266 THRU 20275
 3. ALL LINES, EQUIPMENT, COMPONENTS AND INSTRUMENTS ARE SAFETY CLASS NNS
 4. Δ INDICATES REVISION LEVEL
 5. DELETED
 6. N.I. INDICATES PIPING AND EQUIPMENT NOT INSTALLED.
 7. F.P. STRAINERS ARE LOCATED INSIDE BUILDING

REV	DATE	DSGN	CHKD	CE	DESCRIPTION
15	1/29/01	KCS	JM	PL	INCORP MMOD 07-522 DCN-00, 01
14	01/02/08	KCS	JM	PAL	PARTIAL INCORP MMOD 07-522 DCN-00, 01
13	4/20/05	BCS	JM	PAL	INCORP DCR 03-002 DCN-00, DCR 02-016 DCN-00
12	10/01/02	MPW	JM	BCS	REINCORP. DCR 99-0008 DCN 00
11	08-13-02	JM	MPW	BCS	INCORP CR 00-00724-01; ADDED DWG No.
10	08-24-00	DWS	MPW	SNC	INCORP DCR 99-0008 DCN-00
9	10-22-97	DWS	MPW	SNC	INCORP MMOD 95-0585 CA-2
8	12/8/94	BCL	DWS	BCL	INCORPORATED MMOD 92-553 CA-01
7	2/21/90	MRB	JM	ERT	INCORPORATED DCR 89-78 CA16
6	2/20/90	MRB	APL	RB	INCORP DCR 87-233 CA 1, FMR 89-001 CA* 0, REVISED VALVE POSITION FROM OPEN TO CLOSED FOR 2-FP-V590 PER P&ID 20274 AND NOTE 2.
5	2/3/89	MRB	GPM	ERT	INCORP DRR 88-15 CA0 REVISED FIRE HOSE REEL ASSEMBLY ADDED V2 V140, V37, V590, V652, 2-FP-V590 V492 & V493 PER P&ID 20274. DELETED LEGEND INFORMATION
4	7/22/87	GPM	WRD	ERT	MODIFIED DWG TO REFLECT OVERVIEW INFO ONLY, INCORP NCR 87-0007, ADDED FIRE HYDRANTS & REVISED NOTE 3.
3	9/2/86	MAP	JDM	RRC	RE-INCORP NCR 82/992C INCORP ECA 99/1161550
2	7/2/86	WES	BCL	RRC	INCORP ECA'S 19/115031A, 06/115729A, NCR 82/992C, 99/114483A, 99/116155C AND UPDATED PER UE&C P&ID REVIEW CHANGE ITEM Δ RESOLVED PER ECA 99/096173A
1	1/22/86	WES	DWS	EWD	ISSUED FOR OPERATIONS, GENERAL REVISIONS & INCORP ECA 99/110597A
0	10/16/84	CB	JNM	PEF	ISSUED FOR FIELD VERIFICATION

FOR YARD PIPING REFER TO FP-20274

FPL ENERGY Seabrook Station

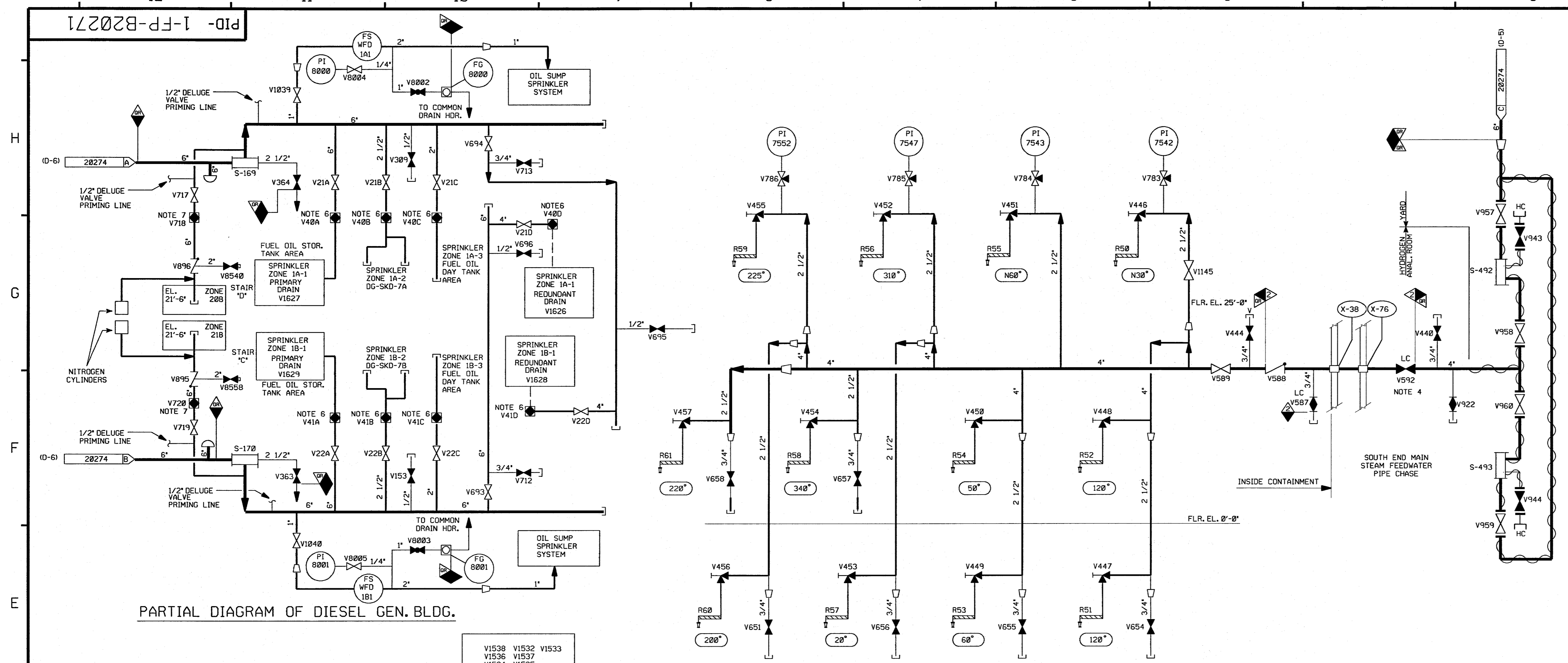


FIRE PROTECTION OVERVIEW

PID- 1-FP-B20264

REF. DRAWING NO.	REV	TITLE
9763-F-604068	16	YARD FP P&ID
9763-F-604069	15	YARD & FIRE PUMPHOUSE FP P&ID

PID-1-FP-B20271



PARTIAL DIAGRAM OF DIESEL GEN. BLDG.

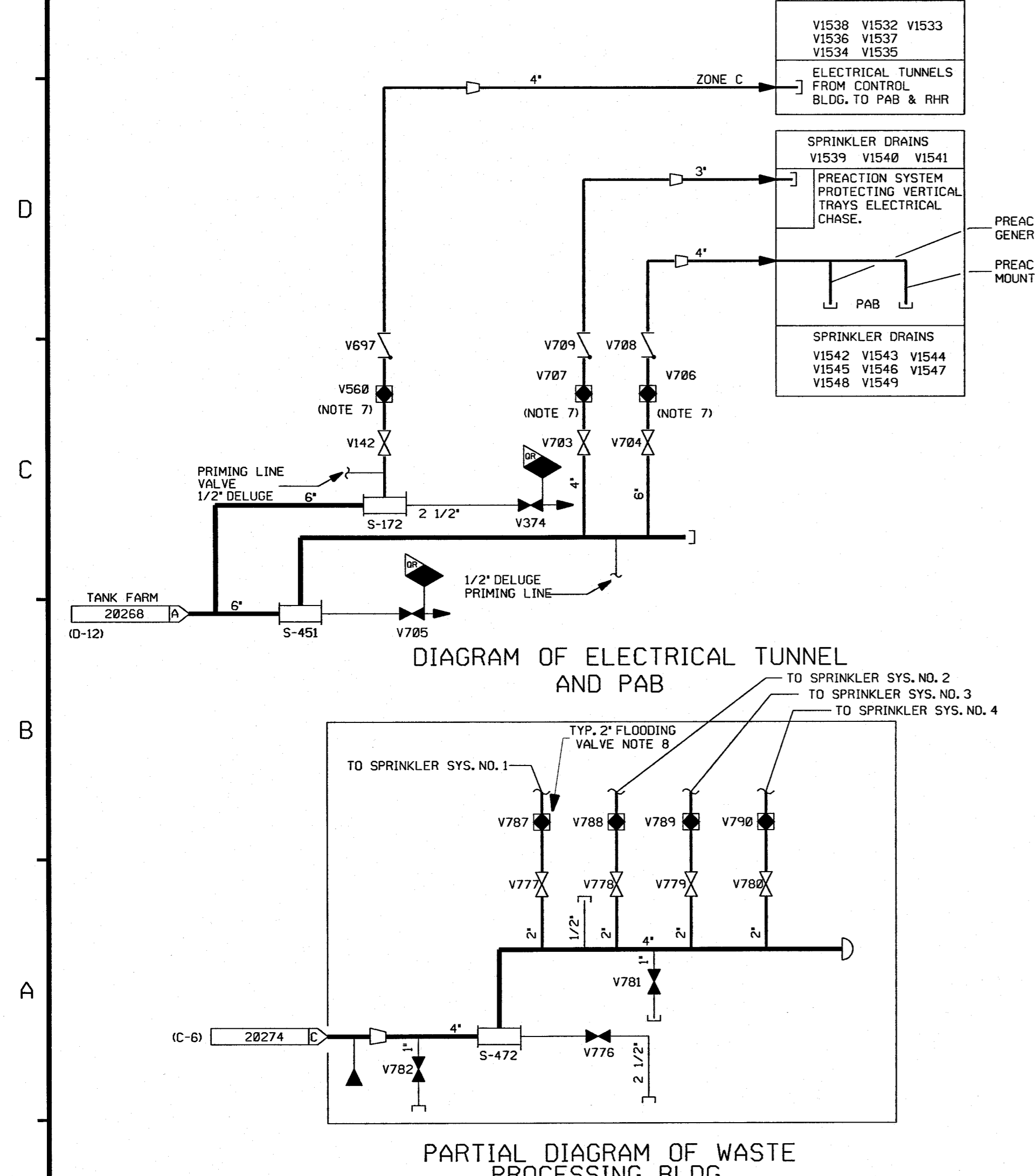
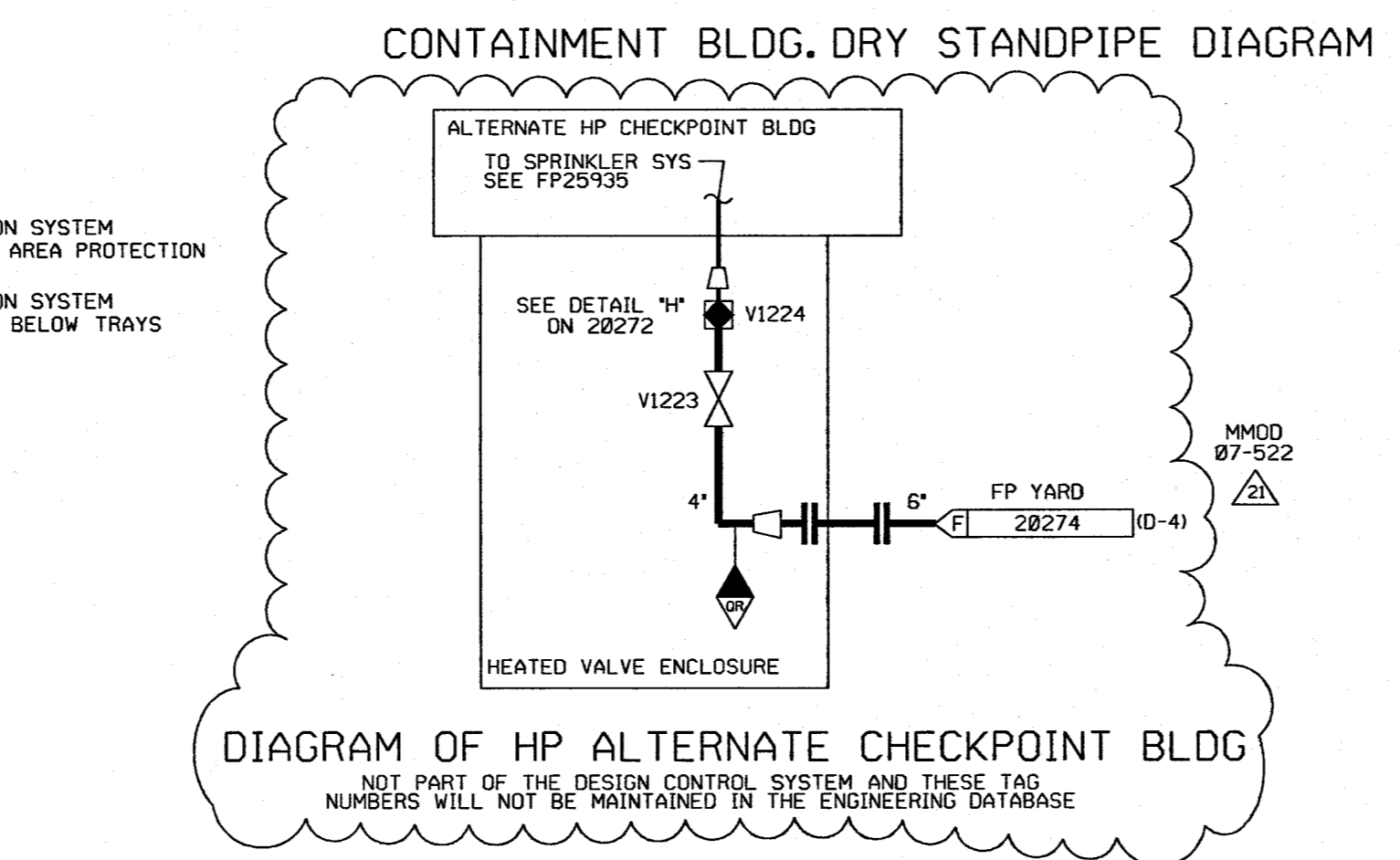


DIAGRAM OF ELECTRICAL TUNNEL AND PAB

PARTIAL DIAGRAM OF WASTE PROCESSING BLDG.



CONTAINMENT BLDG. DRY STANDPIPE DIAGRAM

DIAGRAM OF HP ALTERNATE CHECKPOINT BLDG

SPRINKLER DRAINS			
V1574	V1562	V1569	V1552
V1573	V1561	V1568	V1572
V1557	V1560	V1567	V1571
V1558	V1559	V1566	V1570
V1563	V1556	V1565	
V1564	V1555	V1554	
V1598	V1550	V1584	V1598
V1599	V1551	V1583	V1599

SPRINKLER DRAINS			
V1591	V1577	V1575	V1587
V1592	V1578	V1576	V1588
V1593	V1581	V1583	V1589
V1594	V1582	V1584	V1590
V1595		V1585	V1591
V1596		V1586	V1592
V1597		V1588	V1593

DIAGRAM OF ELECTRICAL TUNNEL AREA EMERGENCY FEEDWATER PUMP BLDG.

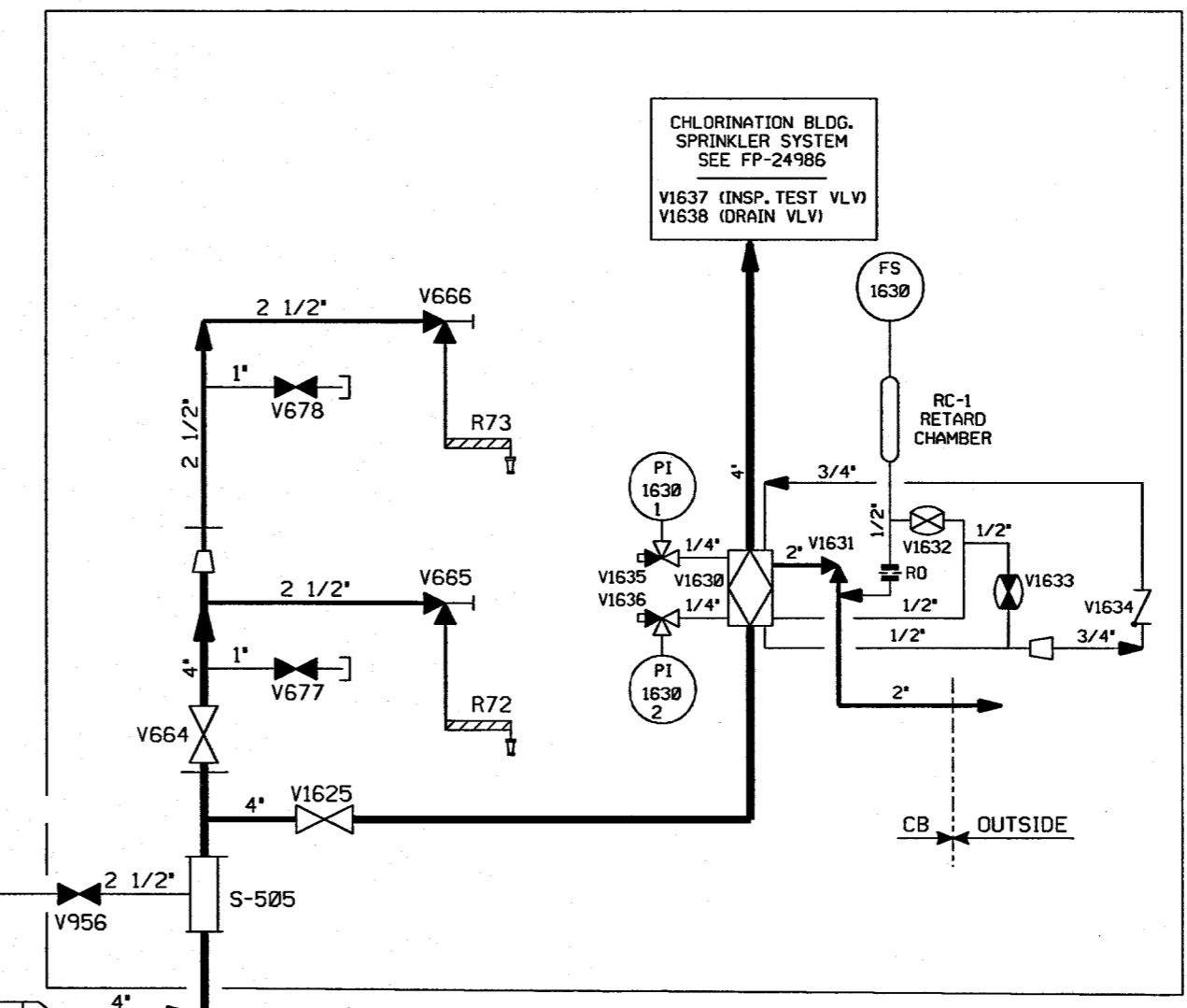


DIAGRAM OF CHLORINATION BLDG.

FOR P&ID REFERENCE DRAWINGS, SYMBOLS AND ABBREVIATIONS REFER TO DRAWINGS P&ID - LEGEND 1 AND P&ID - LEGEND 2

- NOTES:
- ALL LINES, EQUIPMENT, COMPONENTS AND INSTRUMENTS HAVE SYSTEM PREFIX FP, UNLESS NOTED OTHERWISE.
 - DELETED
 - DELETED
 - STANDPIPE SYSTEM WITHIN CONTAINMENT SHALL BE DRAINED PRIOR TO OPERATION OF UNIT. VALVE MUST BE CLOSED IN MODE 1,2,3,4 AND CAN BE OPENED IN MODE 5.
 - ALL LINES, EQUIPMENT, COMPONENTS AND INSTRUMENTS ARE SAFETY CLASS NNS, UNLESS NOTED OTHERWISE.
 - SEE DETAIL A, DWG. 20272.
 - SEE DETAIL B, DWG. 20272.
 - SEE DETAIL C, DWG. 20272.
 - INDICATES REVISION LEVEL.
 - DELETED
 - DELETED
 - DELETED
 - DELETED
 - DELETED

PORTIONS OF THIS DRAWING ARE NUCLEAR SAFETY RELATED

REV	DATE	DSGN	CHKD	CE	DESCRIPTION
21	11/9/88	KCS	JM	ERT	INCORP MM00-07-522, DCN-00 & 01
20	10/02/86	BCS	JM	SPF	INCORP DCR 99-13, DCN-00
19	3/16/86	BCS	JM	DMG	INCORP DCR 99-13, DCN-00 (PARTIAL)
18	8/28/83	BCS	MPW	ERT	RE-INCORP ECA 99/1482A
17	7/30/83	BCS	JM	MPW	RE-INCORP ECA 99/1482A
16	1/7/82	BCS	JM	ERT	INCORP DCR 00-0004 DCN-00, 02
15	8/31/80	BCS	MPW	AJK	INCORP MSE 99-328 REV. 0, ECA 99/1482A
14	6/2/78	DRL	MPW	VWS	INCORP MM00-96-558 DCN 02 & MM00 97-521 DCN 00
13	8/18/77	MPW	BCS	VWS	INCORP MM00 96-550 DCN 01
12	6/7/77	MPW	DWS	BAB	INCORP DCR 96-31 DCN#02
11	3/28/74	DWS	BCL	JCM	INCORP DCR 920012 CA#0
10	4/17/72	MRB	DWS	RRB	INCORP MM00 91-515 CA#0
9	10/25/90	MRB	JM	ERT	INCORP DCR 89-41 REV 1 DELETED OPEN ITEM ABOVE AND NOTES 11 & 13 PER REVISED NOTE 3
8	6/23/89	MRB	PAL	ERT FOR RE	INCORPORATED DCR 89-41 REV 0 DELETED: FIRE HOSE LEGEND
7	10/7/88	GPM	APL	ERT	INCORP DCR 86-715 CA 02 ADDED: NOTE 14
6	5/16/88	DWS	GPM	ERT	ADDED: CHANGE ITEM-2 REVISED: VALVE NOS FROM V8006, 7 TO V8540, 53. DELETED: NNS-1 DESIGNATION
5	9/8/87	GPM	MRJ	ERT	INCORP DCR 87-270 REVISED: NOTE 5, CONT DWG NO. ADDED: NOTE 13, CHANGE ITEM 1, OR BOUNDARIES.
4	12/30/86	MPW	WRD	DCM	ADDED WPB SPRINKLER SYS. NOS. PER FP-46830. REVISED DWG. CONT. REF'S REMOVED SPRINKLERS FOR CABLE SPREADING AREA. ADDED NOTES 11 & 12. AND REDREW ELEC. TUNNEL AND PAB PER ENG. COMMENTS CORRECTED DRAWING ERRORS. ADDED VLV'S V8006, V8007 PER GRINNEL MANUAL, CONT. REF. LOCATIONS, CHANGED VALVE V807 FROM GATE TO PLUG AND ADDED CAP PER ERECTION ISO. DELETED NOTE 10.
3	9/2/86	MAP	PAL	RRC	INCORP ECA 03/114381A, 99/117673A
2	6/27/86	JDM	BCL	RRC	INCORP. NCR 82/992C, ECA 99/189018B APPROVED CHANGE ITEM NUMBERS 2,3,4,5 BY DETAILING VENDOR PIPING ADDED VALVE NOS. & PI NOS.
1	1/22/86	WES	DWS	EWD	ISSUED FOR OPERATIONS GENERAL REVISIONS
0	10/18/84	CB	JNM	PEF	ISSUED FOR FIELD VERIFICATION

FPL ENERGY Seabrook Station

FIRE PROTECTION DETAILS

PID- 1-FP-B20271

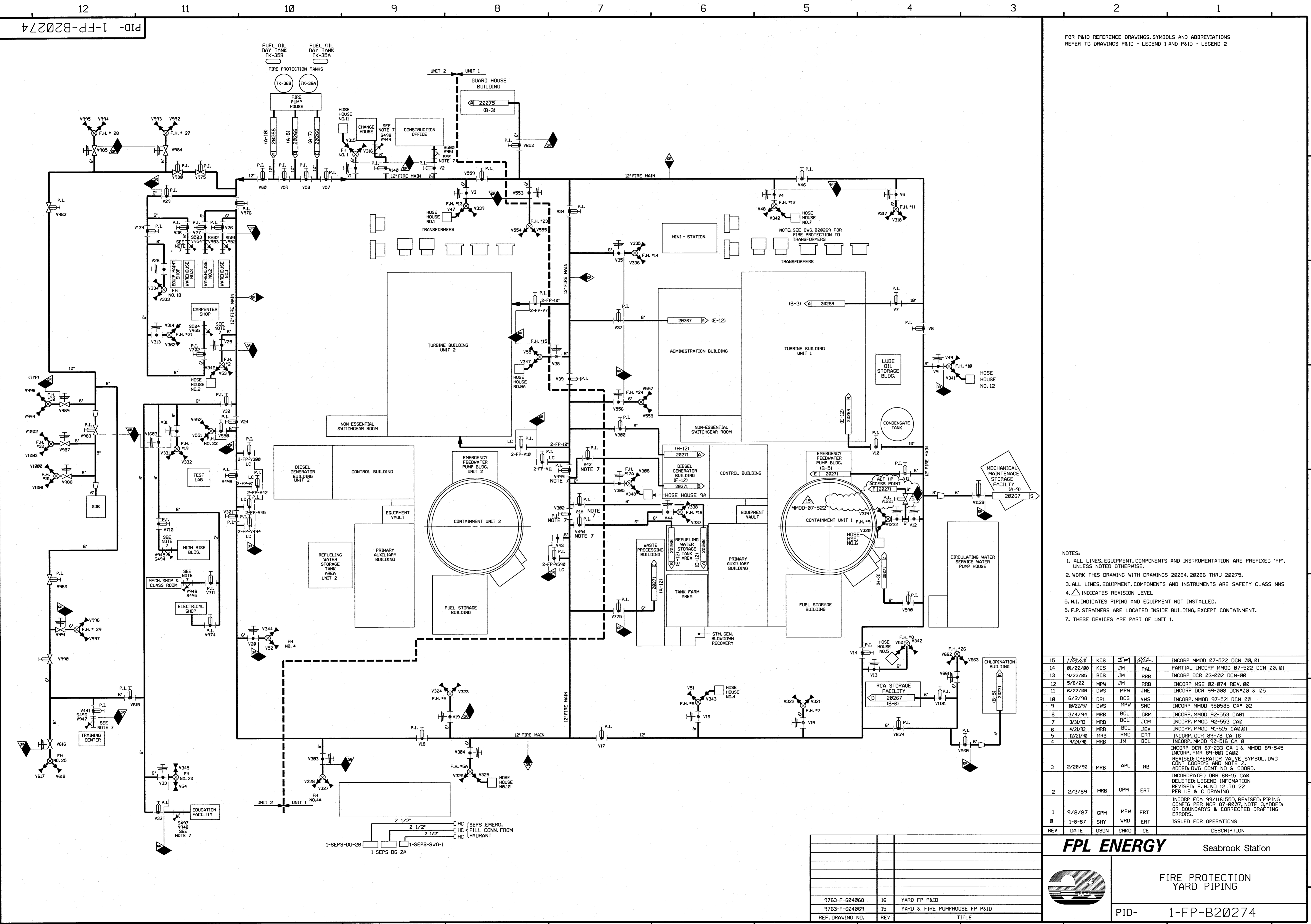
REF. DRAWING NO.	REV	TITLE
9763-F-805175	8	CONT. STRUCT. PIPING ZONE 26A
9763-F-604520	2	WASTE PROCESSING BLDG. FIRE PROT. SYS.
9763-F-604068	18	YARD FIRE PROTECTION P&ID
9763-F-604146	10	FIRE PROTECTION SYS. STANDPIPE DIAGRAMS
9763-F-604462	3	CHLOR. BLDG. FIRE PROTECTION PIPING

PID-1-FP-B20274

FOR P&ID REFERENCE DRAWINGS, SYMBOLS AND ABBREVIATIONS
REFER TO DRAWINGS P&ID - LEGEND 1 AND P&ID - LEGEND 2

H
G
F
E
D
C
B
A

H
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F
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D
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A



- NOTES:
1. ALL LINES, EQUIPMENT, COMPONENTS AND INSTRUMENTATION ARE PREFIXED "FP", UNLESS NOTED OTHERWISE.
 2. WORK THIS DRAWING WITH DRAWINGS 20264, 20266 THRU 20275.
 3. ALL LINES, EQUIPMENT, COMPONENTS AND INSTRUMENTS ARE SAFETY CLASS NNS
 4. Δ INDICATES REVISION LEVEL
 5. N.I. INDICATES PIPING AND EQUIPMENT NOT INSTALLED.
 6. F.P. STRAINERS ARE LOCATED INSIDE BUILDING, EXCEPT CONTAINMENT.
 7. THESE DEVICES ARE PART OF UNIT 1.

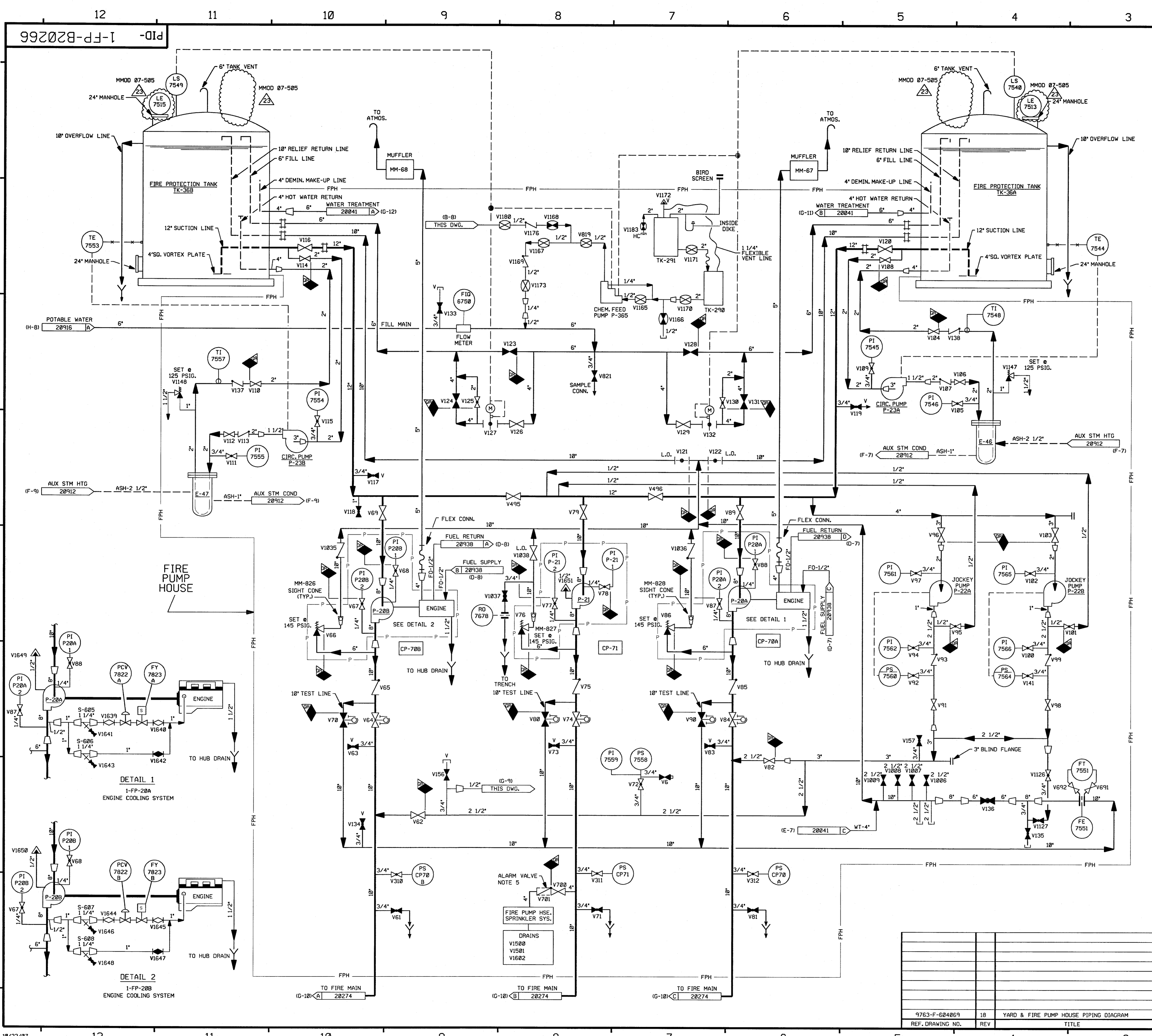
REV	DATE	DSGN	CHKD	CE	DESCRIPTION
15	1/29/08	KCS	JM	PL	INCORP MMOD 07-522 DCN 00, 01
14	01/02/08	KCS	JM	PAL	PARTIAL INCORP MMOD 07-522 DCN 00, 01
13	9/22/05	BCS	JM	RRB	INCORP DCR 03-002 DCN-00
12	5/8/02	MPW	JM	RRB	INCORP MSE 02-074 REV. 00
11	6/22/00	DWS	MPW	JNE	INCORP DCR 99-008 DCN*00 & 05
10	6/22/98	DRL	BCS	JWS	INCORP MMOD 97-521 DCN 00
9	10/22/97	DWS	MPW	SNC	INCORP MMOD 950585 CA* 02
8	3/4/94	MRB	BCL	GRM	INCORP MMOD 92-553 CA01
7	3/31/93	MRB	BCL	JCM	INCORP MMOD 92-553 CA0
6	4/21/92	MRB	BCL	JEV	INCORP MMOD 91-515 CA0,01
5	12/21/90	MRB	RMC	ERT	INCORP DCR 89-78 CA 16
4	9/24/90	MRB	JM	BCL	INCORP DCR 87-233 CA 1 & MMOD 89-545 INCORP FMR 89-001 CA00 REVISED: OPERATOR VALVE SYMBOL, DWG CONT COORDS AND NOTE 2; ADDED: DWG CONT NO & COORD.
3	2/20/90	MRB	APL	RB	INCORPORATED DRR 88-15 CA0 DELETED: LEGEND INFORMATION REVISED: F.H. NO 12 TO 22 PER I.E. & C DRAWING
2	2/3/89	MRB	GPM	ERT	INCORP ECA 99/116155D, REVISED: PIPING CONFIG PER NCR 87-0007, NOTE 3, ADDED: OR BOUNDARYS & CORRECTED DRAFTING ERRORS.
1	9/8/87	GPM	MPW	ERT	ISSUED FOR OPERATIONS
0	1-8-87	SHY	WRD	ERT	

FPL ENERGY Seabrook Station

FIRE PROTECTION YARD PIPING

PID- 1-FP-B20274

REF. DRAWING NO.	REV	TITLE
9763-F-604068	16	YARD FP P&ID
9763-F-604069	15	YARD & FIRE PUMPHOUSE FP P&ID



FOR P&ID REFERENCE DRAWINGS, SYMBOLS AND ABBREVIATIONS REFER TO DRAWINGS P&ID-LEGEND 1 AND P&ID-LEGEND 2.

- NOTES:
1. ALL LINES, EQUIPMENT, COMPONENTS AND INSTRUMENTATION HAVE SYS. PREFIX FP, UNLESS NOTED OTHERWISE.
 2. WORK THIS DRAWING WITH DRAWINGS 20264 AND 20267 THRU 20272.
 3. ALL LINES, EQUIPMENT, COMPONENTS AND INSTRUMENTS ARE SAFETY CLASS NNS, UNLESS NOTED OTHERWISE.
 4. DELETED
 5. SEE DETAIL 'D' DWG. 20272.
 6. Δ INDICATES REVISION LEVEL.
 7. DELETED
 8. -OR- CALIBRATION ONLY
 9. VENTS & DRAIN TAP OR BOUNDARY ARE AT THE DOWN STREAM END OF THE OUTER ISOLATION VALVE.

REV	DATE	DSGN	CHKD	CE	DESCRIPTION
23	10/22/07	BCS	JM	ERT	INCORP. MMOD 07-505 DCN-00
22	12/30/03	BCS	JM	RRB	INCORP. CR 02-13172 REV. 00
21	6/11/03	JM	BCS	MPW	INCORP. CR 03-00751 REV 00
20	8/13/02	JM	MPW	BCS	INCORP. CR* 00-02311-01
19	10/15/01	JM	BCS	JCM	INCORP. CR* 01-04266-01
18	5/26/00	BCS	MPW	JCM	INCORP. DCR 98-24 DCN 00, 02, 03, 07
17	4/28/00	BCS	MPW	JCM	INCORP. MMOD 98-534 DCN 00
16	2/23/00	BCS	DWS	JCM	PARTIAL INCORP. DCR 98-24 DCN 00
15	1/20/99	BCS	DWS	JCM	INCORP. MMOD 98-534 DCN 00
14	10/30/98	MPW	BCS	DJM	INCORP. MMOD 97-534 DCN 00
13	11/25/97	BCS	MRB	ETH	INCORP. DCR 97-23 DCN-0
12	5/2/96	BCS	DWS	JCM	INCORP. DCR 95-18 CA-0
11	3/5/95	BCL	MPW	JCM	INCORP. MMOD 94-514 CA-0
10	3/8/94	MRB	BGL	GRM	INCORP. MMOD 92-553 CA-0 & MMOD 93-553 CA-0
9	12/13/93	MRB	BCL	RSC	INCORP. DCR 86-140 CA 04
8	11/1/93	BCL	DWS	JCM	INCORP. MMOD 93-501 CA-0
7	10/25/90	MRB	JM	ERT	INCORP. DRR 89-41 REV 01

INCORP. DCR 86-325 CA 01 & DRR 89-41 REVISED PIPING TO CLARIFY DUPLICATION OF SYSTEM INTERFACES
 ADDED CONT. COORDS.
 DELETED NOTE 4 AND ITEM IN THE ILL...
 REVISED NOTE 3, ADDED NOTE 8 & 9, OR BOUNDARIES DELETED NOTE 10.
 ADDED VALVES PER AS-INSTALLED CONDITIONS, REVISED SYMBOL FOR CHAIN OPERATED VALVES.
 ADDED CONT. REF. LOCATIONS, DELETED NOTE 1, REVISED INSTR. LOCATION PER ERECTION ISO. VALVE NOS PER UE&C P&ID, CORRECTED DRAINING ERRORS LISTED ECA 99/116333A & DR 95/0068 IN ILL.
 CHANGE ITEMS 1,2,3,4,6 & 7 RESOLVED PER ECA 10/16491A, 99/14512A, DR 95/006B, DR-35, ADDED FUEL OIL CONT. & REV'D PH CONT. ISSUED FOR OPERATIONS GENERAL REVISIONS INCORPORATED ECA'S 99/17638, 99/02708 & 05/08100A
 0 1/22/86 WES DWS EWD
 1 10/16/84 CB JNM PEF
 ISSUED FOR FIELD VERIFICATION

FPL ENERGY Seabrook Station

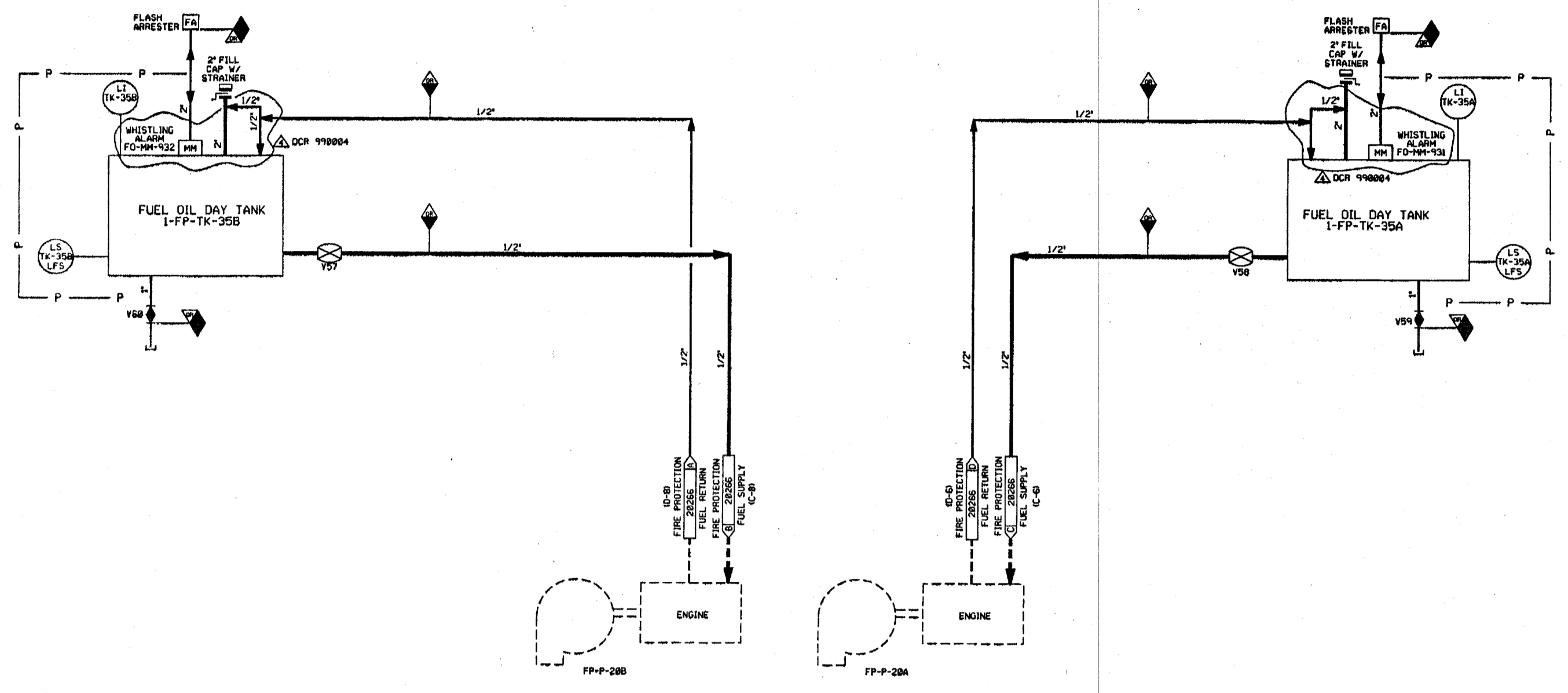
FIRE PROTECTION FIRE PUMP HOUSE DETAIL

PID- 1-FP-B20266

9763-F-604069	18	YARD & FIRE PUMP HOUSE PIPING DIAGRAM
REF. DRAWING NO.	REV	TITLE

PID-1-F0-B20938

FOR P&ID REFERENCE DRAWINGS, SYMBOLS AND ABBREVIATIONS REFER TO DRAWINGS P&ID - LEGEND 1 AND P&ID - LEGEND 2



- NOTES:
1. THE FO IS A ONE DWG. SYSTEM AND AN OVERVIEW IS NOT REQUIRED.
 2. ALL LINES, EQUIPMENT, COMPONENTS AND INSTRUMENTS HAVE SYSTEM PREFIX FO UNLESS NOTED.
 3. ALL LINES, EQUIPMENT, COMPONENTS, AND INSTRUMENTS ARE SAFETY CLASS IHS UNLESS NOTED.

REV	DATE	DSGN	DRWN	CHKD	CDE	SES	DESCRIPTION
4	4/7/00	DWS		MW	RES	YOUNG	INCOMP OF DCR 990004 DCR-00
3	1/16/97	BCS		DWS	MPV	BCS	INCOMP. MHO. 54-516 CA-8
2	4/22/87	GPM		JM	MRJ	BCL	ERT
1	6/18/86	MES		MK	JMS	ARC	REVISED NOTE 3 REDUNDANT PIPING ADDED IN BOUNDARIES PER CSP-87-563 P&ID REF. DNG. NOTE. DNG. CONT. COORD'S.
0	3/6/86	MES		JDM	DFM	AFD	ISSUED FOR OPERATIONS

North Atlantic Energy Service Corporation

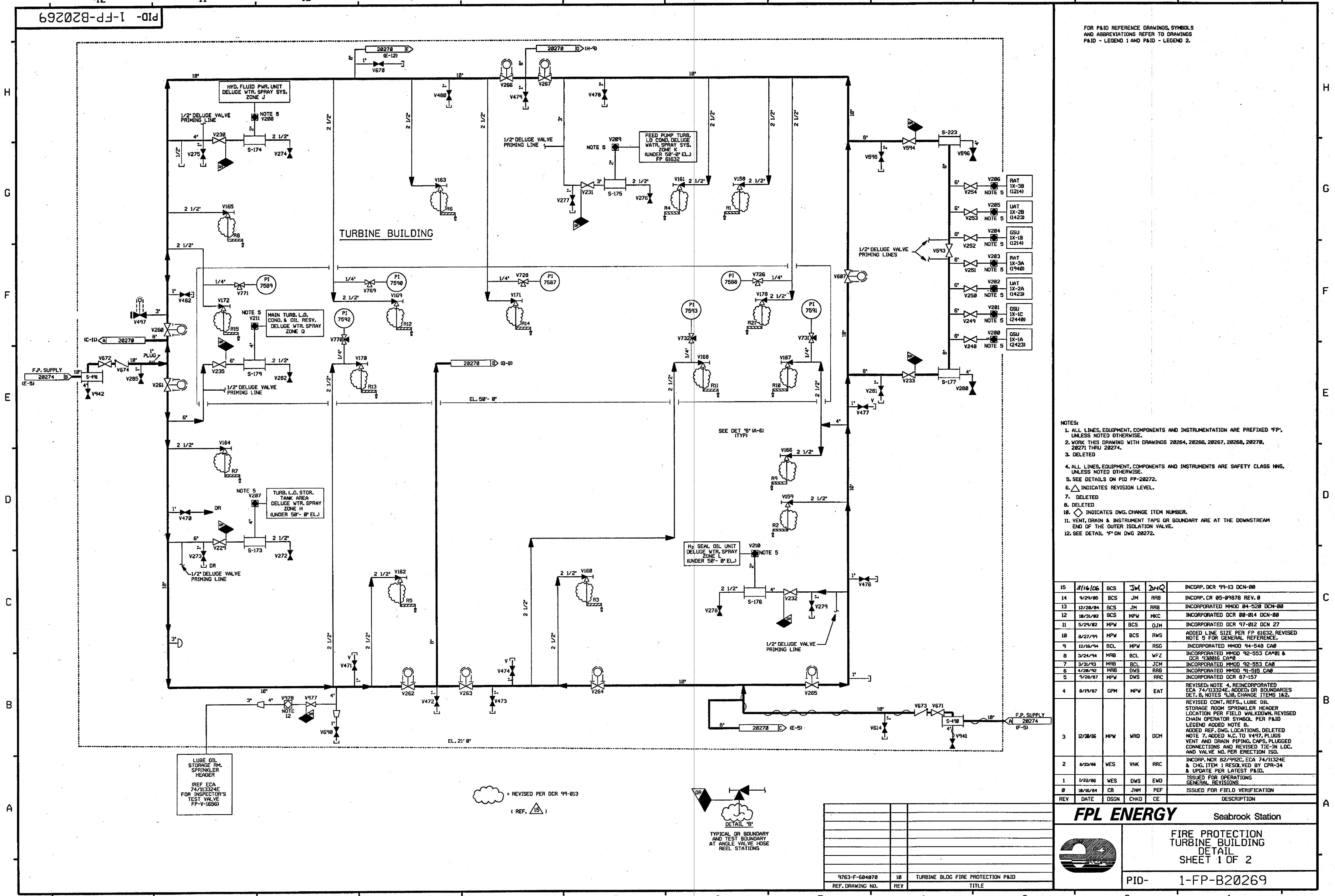
SEABROOK STATION

FUEL OIL SYSTEM

PID-1-F0-B20938

REF. DRAWING NO.	REV	TITLE
9763-F-604069	16	YARD & FIRE PUMPHOUSE FIRE PROTECTION

PID-1-FF-B20269



FOR P&ID REFERENCE DRAWINGS, SYMBOLS AND ABBREVIATIONS REFER TO DRAWINGS P&ID - LEGEND 1 AND P&ID - LEGEND 2.

- V206 RAT IX-3B (1214) NOTE 5
- V205 UAT IX-2B (1423) NOTE 5
- V204 GSU IX-1B (1214) NOTE 5
- V203 RAT IX-3A (1948) NOTE 5
- V202 UAT IX-2A (1423) NOTE 5
- V201 GSU IX-1C (2448) NOTE 5
- V200 GSU IX-1A (2423) NOTE 5

- NOTES:
1. ALL LINES, EQUIPMENT, COMPONENTS AND INSTRUMENTATION ARE PREFIXED 'FP', UNLESS NOTED OTHERWISE.
 2. WORK THIS DRAWING WITH DRAWINGS 20264, 20266, 20267, 20268, 20270, 20271 THRU 20274.
 3. DELETED
 4. ALL LINES, EQUIPMENT, COMPONENTS AND INSTRUMENTS ARE SAFETY CLASS NNS, UNLESS NOTED OTHERWISE.
 5. SEE DETAILS ON PID FP-20272.
 6. Δ INDICATES REVISION LEVEL.
 7. ∇ DELETED
 8. DELETED
 9. \square INDICATES DWG. CHANGE ITEM NUMBER.
 11. VENT, DRAIN & INSTRUMENT TAPS OR BOUNDARY ARE AT THE DOWNSTREAM END OF THE OUTER ISOLATION VALVE.
 12. SEE DETAIL 'A' ON DWG 20272.

REV	DATE	DSGN	CHKD	CE	DESCRIPTION
15	3/16/06	BCS	JM	DHJ	INCRP. DCR 99-13 DCN-88
14	9/29/86	BCS	JM	RRB	INCRP. CR 85-89878 REV. 8
13	12/28/84	BCS	JM	RRB	INCORPORATED MMDD 84-528 DCN-88
12	10/31/82	BCS	HPW	MKC	INCORPORATED DCR 88-814 DCN-88
11	5/29/82	HPW	BCS	DJM	INCORPORATED DCR 97-812 DCN 27
10	8/27/99	HPW	BCS	RWS	ADDED LINE SIZE PER FP-B1632, REVISED NOTE 5 FOR GENERAL REFERENCE.
9	12/16/94	BCL	HPW	RSG	INCORPORATED MMDD 94-548 CA#
8	3/24/94	HRB	BCL	WFZ	INCORPORATED MMDD 92-553 CA#81 & DCR 930816 CA#8
7	3/31/93	HRB	BCL	JEM	INCORPORATED MMDD 92-553 CA#
6	4/28/92	HRB	DWS	RRB	INCORPORATED MMDD 91-518 CA#
5	9/28/87	HPW	DWS	RRC	INCORPORATED DCR 87-157
4	8/19/87	GPM	HPW	EAT	REVISED NOTE 4. REINCORPORATED ECA 74/113324E. ADDED OR BOUNDARIES DET. B. NOTES 9, 10. CHANGE ITEMS 1&2. REVISED CONT. REFS. LUBE OIL STORAGE ROOM SPRINKLER HEADER LOCATION PER FIELD WALKDOWN. REVISED CHAIN OPERATOR SYMBOL PER P&ID LEGEND ADDED NOTE 8. ADDED REF. DWG. LOCATIONS. DELETED NOTE 7. ADDED N.C. TO V497, PLUGS VENT AND DRAIN PIPING. CAPS, PLUGGED CONNECTIONS AND REVISED TIE-IN LOC. AND VALVE NO. PER ERECTION ISD.
3	12/28/86	HPW	WRD	DCM	
2	6/23/86	VES	VNK	RRC	INCRP. NCR 82/992C. ECA 74/11324E & CHG. ITEM 1 RESOLVED BY CPR-34 & UPDATE PER LATEST P&ID.
1	1/22/86	VES	DWS	EMD	ISSUED FOR OPERATIONS GENERAL DIVISIONS.
0	10/26/84	CB	JHM	REF	ISSUED FOR FIELD VERIFICATION

LUBE OIL STORAGE PM. SPRINKLER HEADER
 (REF. ECA 74/113324E FOR INSPECTOR'S TEST VALVE FP-V-1656)

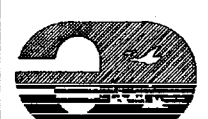
= REVISED PER DCR 99-813
 (REF.)

DETAIL 'B'
 TYPICAL OR BOUNDARY AND TEST BOUNDARY AT ANGLE VALVE HOSE REEL STATIONS

REF. DRAWING NO.	REV	TITLE
9763-F-604878	10	TURBINE BLDG FIRE PROTECTION P&ID

FPL ENERGY

Seabrook Station

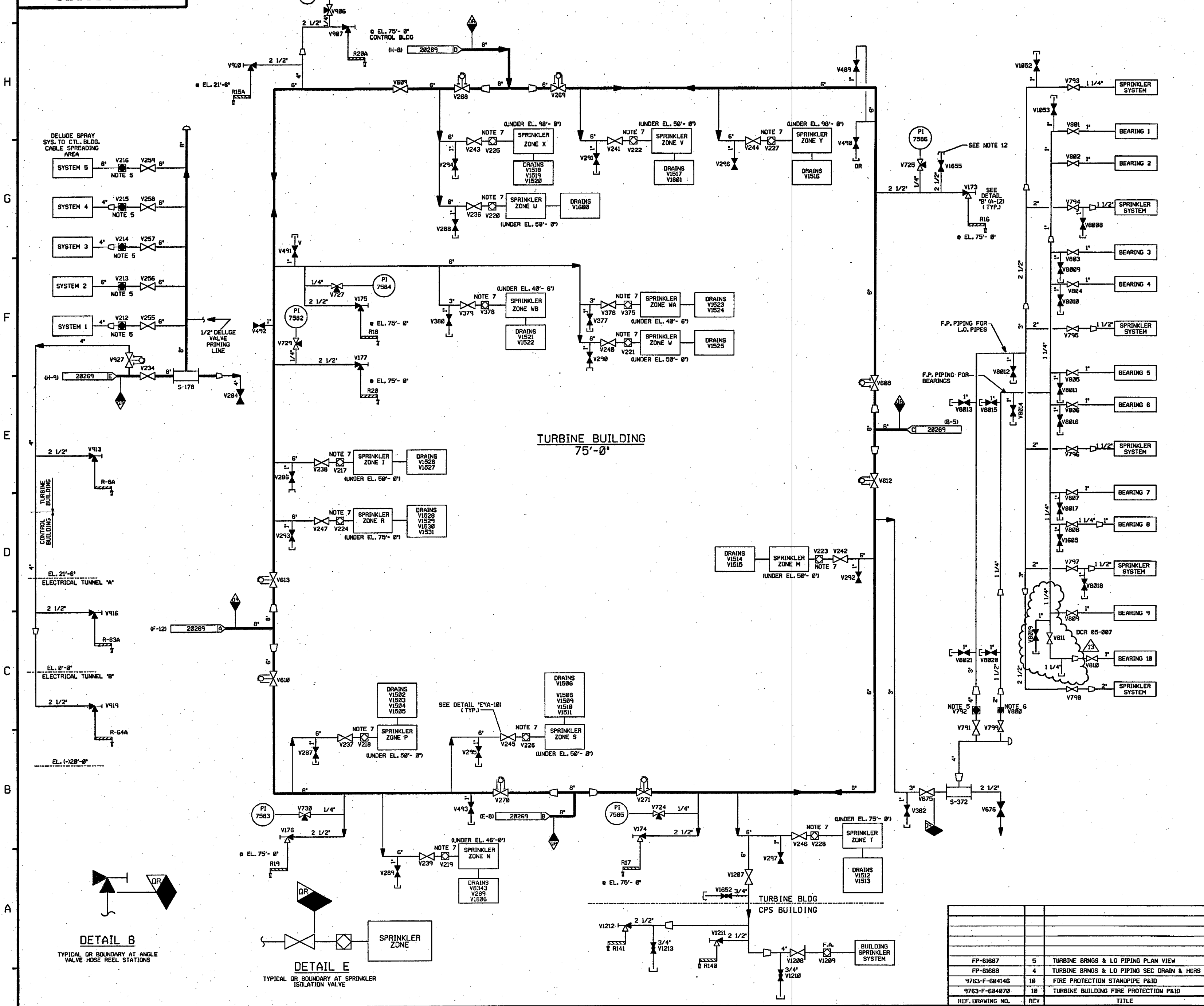


FIRE PROTECTION
 TURBINE BUILDING
 SHEET 1 OF 2

PID-1-FF-B20269

PID-1-FP-B20270

FOR PAID REFERENCE DRAWINGS, SYMBOLS AND ABBREVIATIONS REFER TO DRAWINGS PAID-LEGEND 1 AND PAID-LEGEND 2.



- NOTES:
1. ALL LINES, EQUIPMENT, COMPONENTS AND INSTRUMENTATION ARE PREFIXED "FP", UNLESS NOTED OTHERWISE.
 2. WORK THIS DRAWING WITH DRAWINGS 28264, 28266 THRU 28269, 28271 THRU 28274
 3. DELETED.
 4. ALL LINES, EQUIPMENT, COMPONENTS AND INSTRUMENTS ARE SAFETY CLASS NWS, UNLESS NOTED OTHERWISE.
 5. SEE DETAIL "W" DWG. 28272.
 6. SEE DETAIL "C" DWG. 28272.
 7. SEE DETAIL "D" DWG. 28272.
 8. Δ INDICATES REVISION LEVEL.
 9. DELETED
 10. \diamond INDICATES DRAWING CHANGE ITEM NUMBER.
 11. VENTS, DRAINS & INSTRUMENT TAPS OR BOUNDARY ARE AT THE DOWNSTREAM END OF THE OUTER ISOLATION VALVE.
 12. PIPE IS CAPPED WHEN NOT CONNECTED BY HOSE TO OFFICE TRAILER SPRINKLER SYSTEM BY STATION PROCEDURE.

REV	DATE	DSGN	CHKD	CE	DESCRIPTION
13	1/16/06	BCS	JM	RRB	INCORP DCR 05-007 DCM-28
12	10/15/05	BCS	JM	RRB	INCORP DCR 05-007 DCM-00
11	4/21/05	JM	RRB	JMJ	INCORP MSE 05-194 REV. 00
10	3/16/05	BCS	JM	DMJ	INCORP DCR 99-13 DCM-00
9	4/26/05	BCS	GPS	PAL	INCORP DCR 02-0016 DCM-06 & 15.
8	9/16/04	BCS	JM	PAL	PARTIAL INCORP DCR 02-0016 DCM-06
7	6/9/99	DWS	RWS	DJM	INCORP M400 970618 DCM#00
6	4/28/92	MRB	DWS	JEV	INCORP M400 91-515 C06
5	10/19/90	MRB	JM	ERT	INCORP DRR 89-41 REV. 01 DELETED NOTE 9 AND OPEN ITEM ABOVE PER REVISED NOTE 3
4	6/23/89	MRB	PAL	ERT	INCORPORATED DRR 89-41 REV. 0
3	9/8/87	HPW/HPM	MRJ	ERT	REVISED FLOW VALVE SYMBOL PER ENG. COMMENTS, CHAIN OPERATED SYMBOL PER PAID LEGEND, ADDED ELEV. AND NOTE 9 CHANGED FLOW ALARM VALVE TO SPRINKLER VALVE. REVISED PER PIPING ERECTION ISD. REVISED PER FP-61687 & FP-61688. ADDED VALVE NO'S. INCORP. SC# 19/1119288. DELETED CHANGE ITEMS. ADDED DWG LOC. COORDS.
2	12/28/86	MAP	WRD	GPM	ISSUED FOR OPERATIONS GENERAL REVISIONS.
1	1/22/86	WES	DWS	END	ISSUED FOR FIELD VERIFICATION
0	10/16/84	CB	JMM	PEF	ISSUED FOR FIELD VERIFICATION

DETAIL B
TYPICAL DR BOUNDARY AT ANGLE VALVE HOSE REEL STATIONS

DETAIL E
TYPICAL DR BOUNDARY AT SPRINKLER ISOLATION VALVE

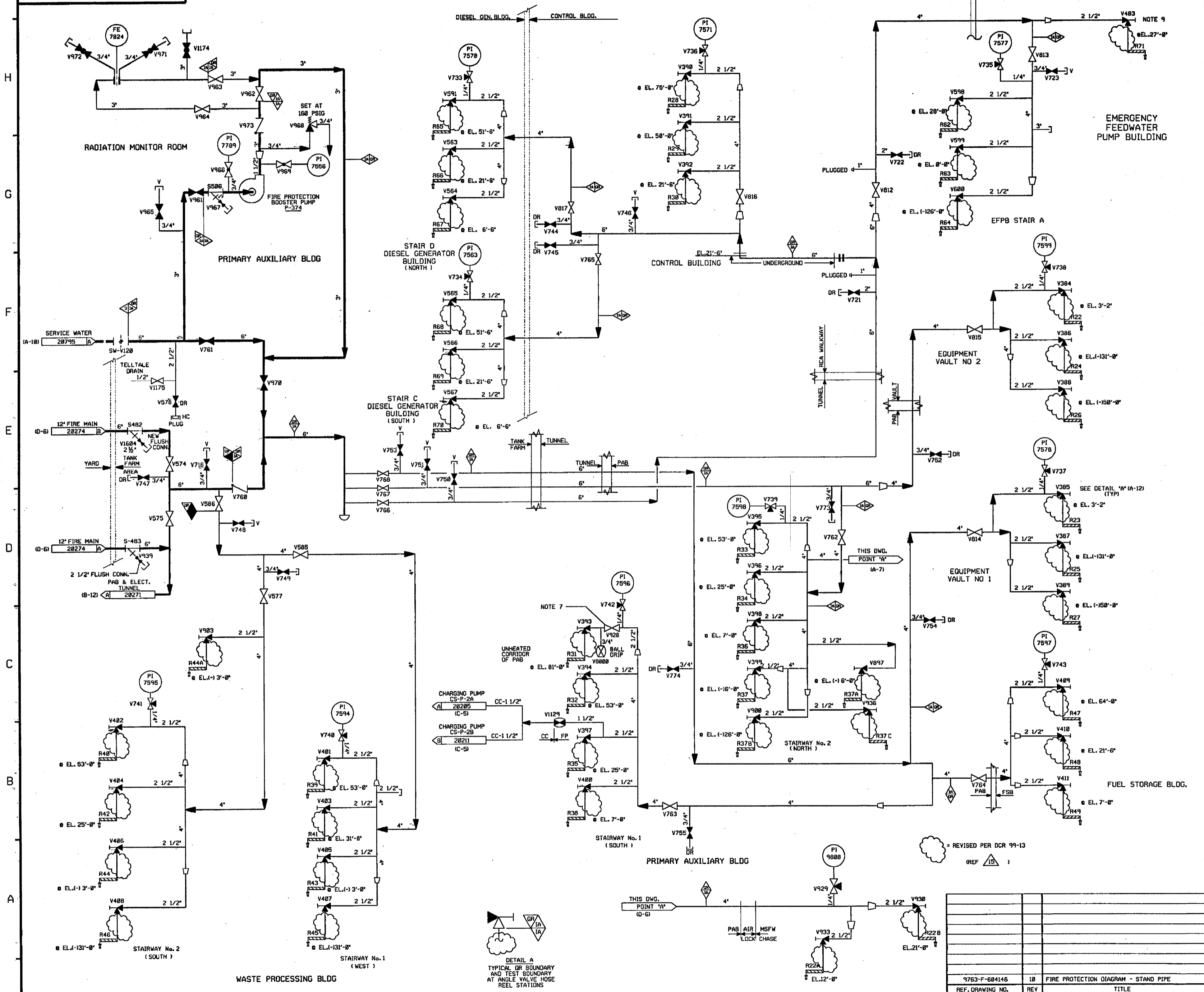
FPL ENERGY Seabrook Station

FIRE PROTECTION TURBINE BUILDING DETAIL SHEET 2 OF 2

PID- 1-FP-B20270

REV	DATE	NO.	REV	TITLE
FP-61687	5			TURBINE BRNGS & LO PIPING PLAN VIEW
FP-61688	4			TURBINE BRNGS & LO PIPING SEC DRAIN & HGRS
9763-F-684146	10			FIRE PROTECTION STANDPIPE PAID
9763-F-684870	10			TURBINE BUILDING FIRE PROTECTION PAID

992078-PID-1-FP-B20268



FOR P&ID REFERENCE DRAWINGS, SYMBOLS AND ABBREVIATIONS REFER TO DRAWINGS P&ID - LEGEND 1 AND P&ID - LEGEND 2

- NOTES:
1. ALL LINES, EQUIPMENT, COMPONENTS AND INSTRUMENTATION ARE PREFIXED "FP", UNLESS NOTED OTHERWISE.
 2. WORK THIS DRAWING WITH DRAWINGS 20264, 20266, 20267 & 20269 THRU 20275.
 3. ALL LINES, EQUIPMENT, COMPONENTS AND INSTRUMENTS ARE SAFETY CLASS NNS, UNLESS NOTED OTHERWISE.
 4. Δ INDICATES REVISION LEVEL.
 5. DELETED
 6. DELETED
 7. VALVE 928 TO BE NORMALLY CLOSED DURING PERIODS OF FREEZING TEMP. HOSE RACK 31 IS DRY STANDPIPE DURING THESE PERIODS.
 8. VENTS, DRAINS & INSTRUMENT TAPS OR BOUNDARY ARE AT THE DOWNSTREAM END OF THE OUTER ISOLATION VALVE.
 9. CONNECTION FOR EMERGENCY MAKE-UP TO CST USING TEMPORARY HOSE (CO-20426 0-7)

15	8/10/06	BCS	JW	240	INCCRP DCR 99-13 DCN-00
14	7/27/00	BCS	MPW	HMW	INCCRP DCR 98-005 DCN-07
13	3/3/00	BCS	MPW	MCC	PARTIAL INCCRP DCR 98-005 DCN-00, 04, 05
12	11/4/98	MPW	BCS	MSP	INCCRP DCR 98-25 DCN 02
11	8/27/98	DRL	MPW	DWS	INCCRP MMOD 98-2506 DCN-82
10	5/27/97	MRB	DWS	DJM	INCCRP DCR 96-25 DCN 0
9	3/11/94	MRB	BCL	DJM	INCCRP MMOD 92-563 CAB1
8	4/15/93	BCL	MRB	GRM	INCCRP MMOD 92-576 CAB
7	4/28/92	MRB	DWS	RRB	INCCRP MMOD 91-515 CAB
6	4/3/90	MRB	APL	PJT	INCCRP DCR 88-32 REV B & MADE MINOR DRAFTING CHANGES
5	1/25/89	GPH	MRB	ERT	INCCRP DCR 88-084 CAB1
4	9/28/87	GPH	MPW	EAT	DELETED; MITO REF DWG REVISED; LINE CONT., NOTE 3, ROOM TITLE, VLV NO. & LABEL ADDED OR BOUNDARIES; DETAIL "A" NOTE & ROOM TITLES; CHANGE ITEMS 2 & 3, PUMP DATA, CONT. COORD.
3	12/30/86	MSP	WRD	DCM	ADDED NOTES 6 & 7; REVISED CONT. REFERENCES; ADDED BLDG. BOUNDARY; REVISED PIPING AND ADDED BUILDING BOUNDARY INFO PER UERC P&ID AND PIPING ERECTION ISOS; AND DRAWING LOCATION COORD. REVISED VALVE NO. V849 TO V848 WAS IN ERROR
2	9/2/86	DWS	BCL	RRC	APPROVED CHANGE ITEM NO. 3, 4, 5 & 6 PER NEW LE & C REF. DWG REV. UPDATE REF. DWG REVISIONS & REVISED DWG ACCORDINGLY INCL. 98-005/26
1	1/22/86	WES	DWS	EWD	ISSUED FOR OPERATIONS
0	10/18/84	CB	JNM	PEF	GENERAL REVISION AND INCL. ECA 06/10/74 06-15/83 07/10/83 07/26/83
REV	DATE	DSGN	CHKD	CE	DESCRIPTION

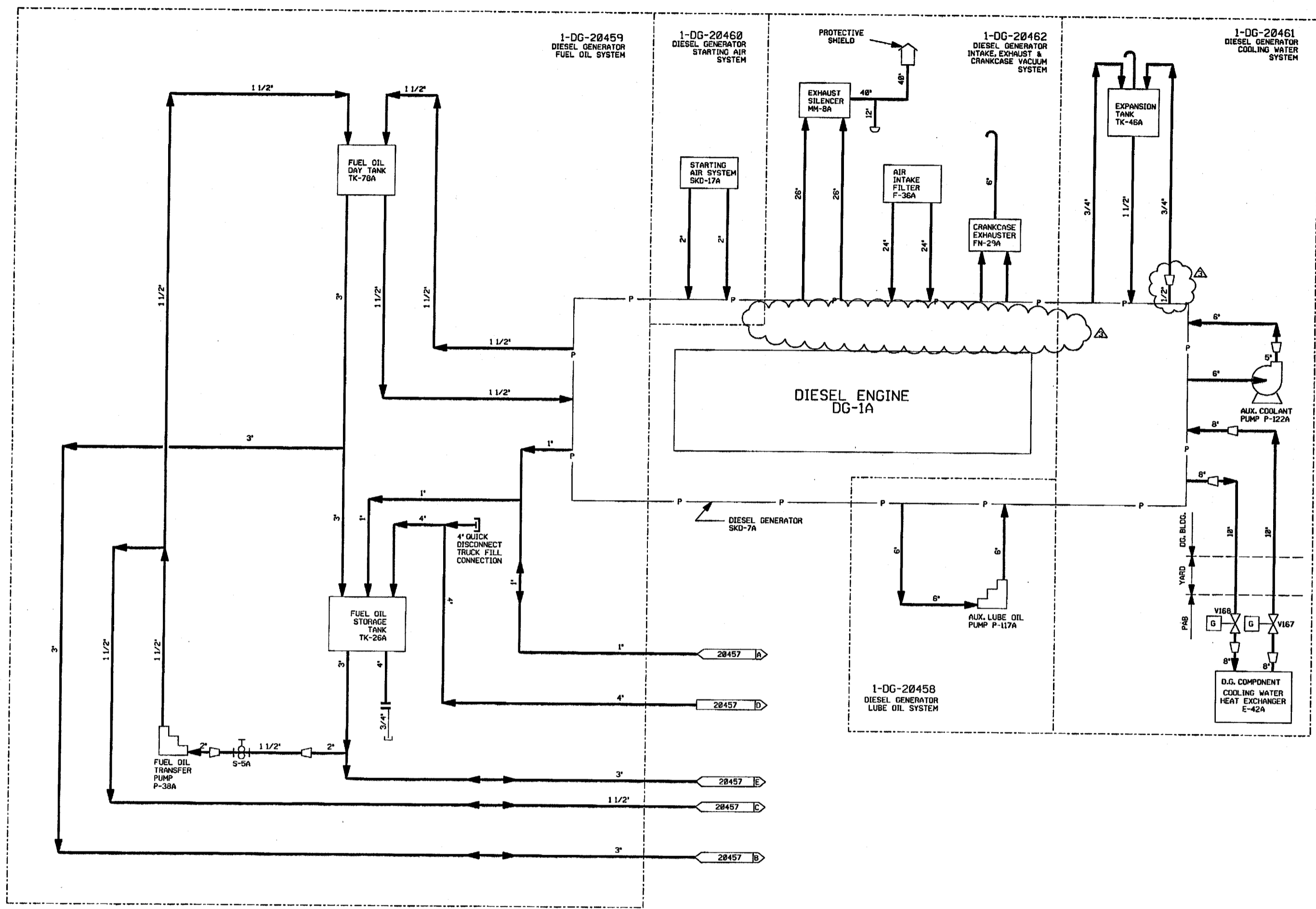
FPL ENERGY Seabrook Station

FIRE PROTECTION STANDPIPE DETAIL

PID- 1-FP-B20268

9763-F-604146	10	FIRE PROTECTION DIAGRAM - STAND PIPE
REF. DRAWING NO.	REV	TITLE

PID-1-DG-B20456



NOTES:
 1. WORK THIS DRAWING WITH DRAWINGS 28457, 28458, 28459, 28460, 28461 & 28462.
 2. ALL LINES, EQUIPMENT, COMPONENTS, AND INSTRUMENTATION HAVE SYSTEM PREFIX DG, UNLESS NOTED OTHERWISE.
 3. △ - INDICATES REVISION LEVEL.

REV	DATE	DSGN	CHKD	CE	DESCRIPTION
3	10/25/03	BCS	JM	EZB	ADMINISTRATIVE UPDATE
2	1/21/01	WDS	WRD	VWS	INCRP. ECA 99/112651B, REVISED REF DWG REVISIONS DELETED "B" FROM DWG NO'S IN NOTE 1. REVISED PER LATEST SYS. DWGS.
1	2/21/00	WAL	JDM	WFD	ISSUED FOR OPERATIONS
0	08/29/99	WNS	RSL	WFD	INCRP. ECA 99/112851A
					ISSUED FOR FIELD VERIFICATION

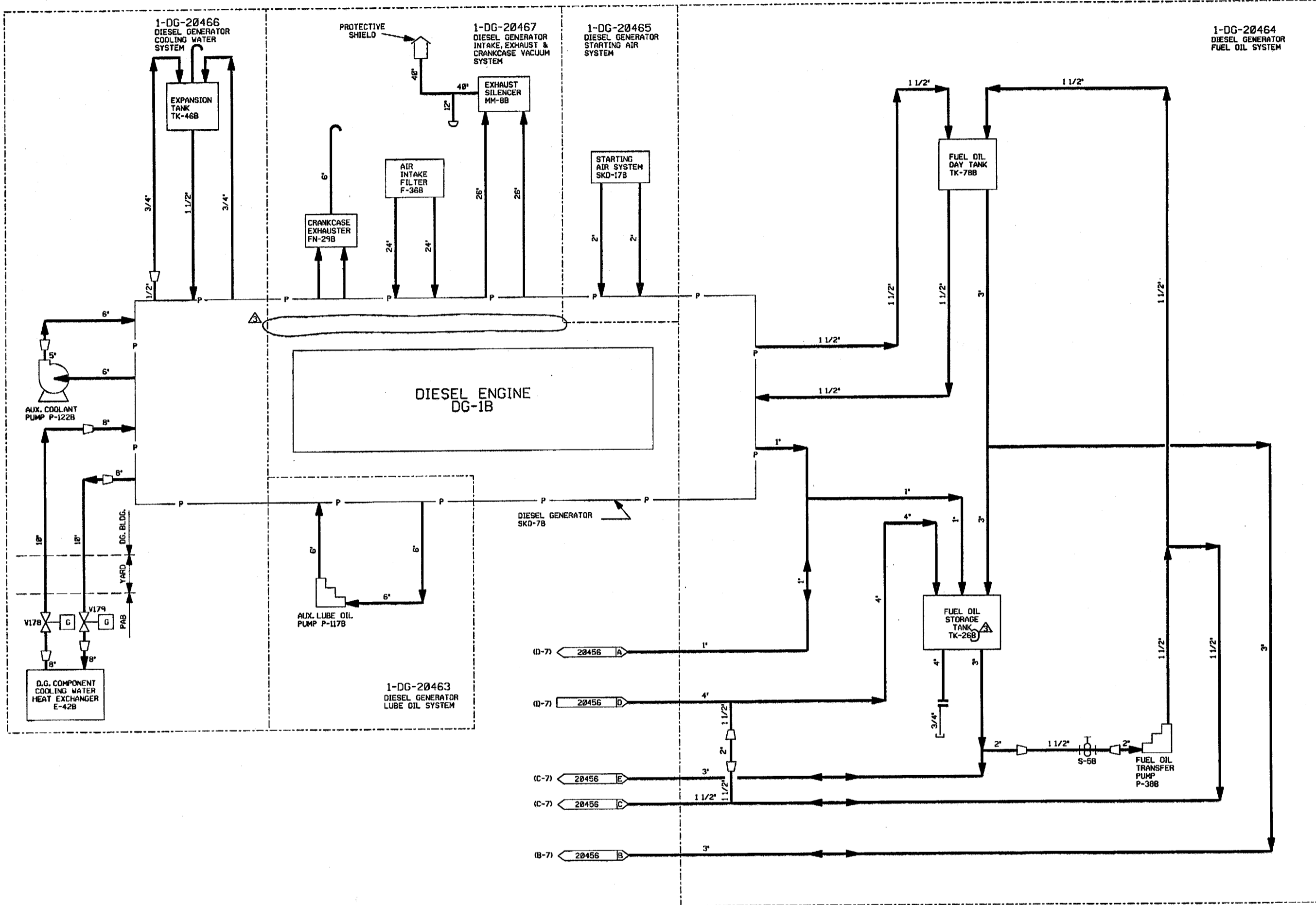
FPL ENERGY Seabrook Station

DIESEL GENERATOR TRAIN "A" OVERVIEW

PID- 1-DG-B20456

REF. DRAWING NO.	REV	TITLE
9763-F-282103	14	D.G. COOLING WATER -P&ID
9763-F-282101	13	D.G. AIR SYSTEM P&ID
9763-F-282102	16	D.G. FUEL & LUBE OIL P&ID

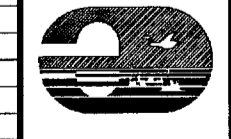
PID-1-DG-B20457



NOTES:
 1. WORK THIS DRAWING WITH DRAWINGS 20456, 20463, 20464, 20465, 20466 & 20467.
 2. ALL LINES, EQUIPMENT, COMPONENTS, AND INSTRUMENTATION HAVE SYSTEM PREFIX DG, UNLESS NOTED OTHERWISE.
 3. △ - INDICATES REVISION LEVEL.

REV	DATE	DSGN	CHKD	CE	DESCRIPTION
3	10/27/03	JM	BSS	RKB	ADMINISTRATIVE UPDATE
2	1/21/87	WDS	WRD	VMS	DELETED ECA'S UNDER INCOMPLETE ITEMS, REVISED PER LATEST SYSTEM DRAWINGS.
1	2/27/86	VAL	JDM	WFD	ISSUED FOR OPERATIONS
0	06/29/84	MNS	RSL	WFD	ISSUED FOR FIELD VERIFICATION

FPL ENERGY Seabrook Station



DIESEL GENERATOR TRAIN 'B' OVERVIEW

PID- 1-DG-B20457

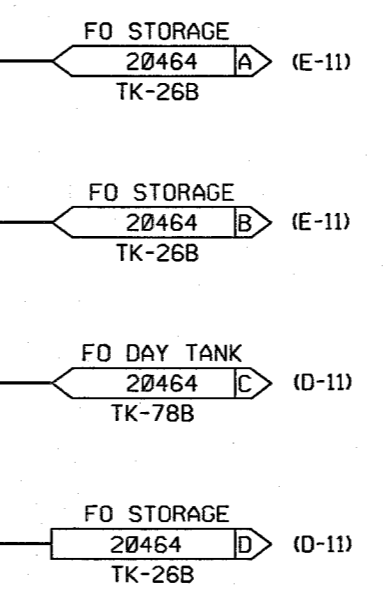
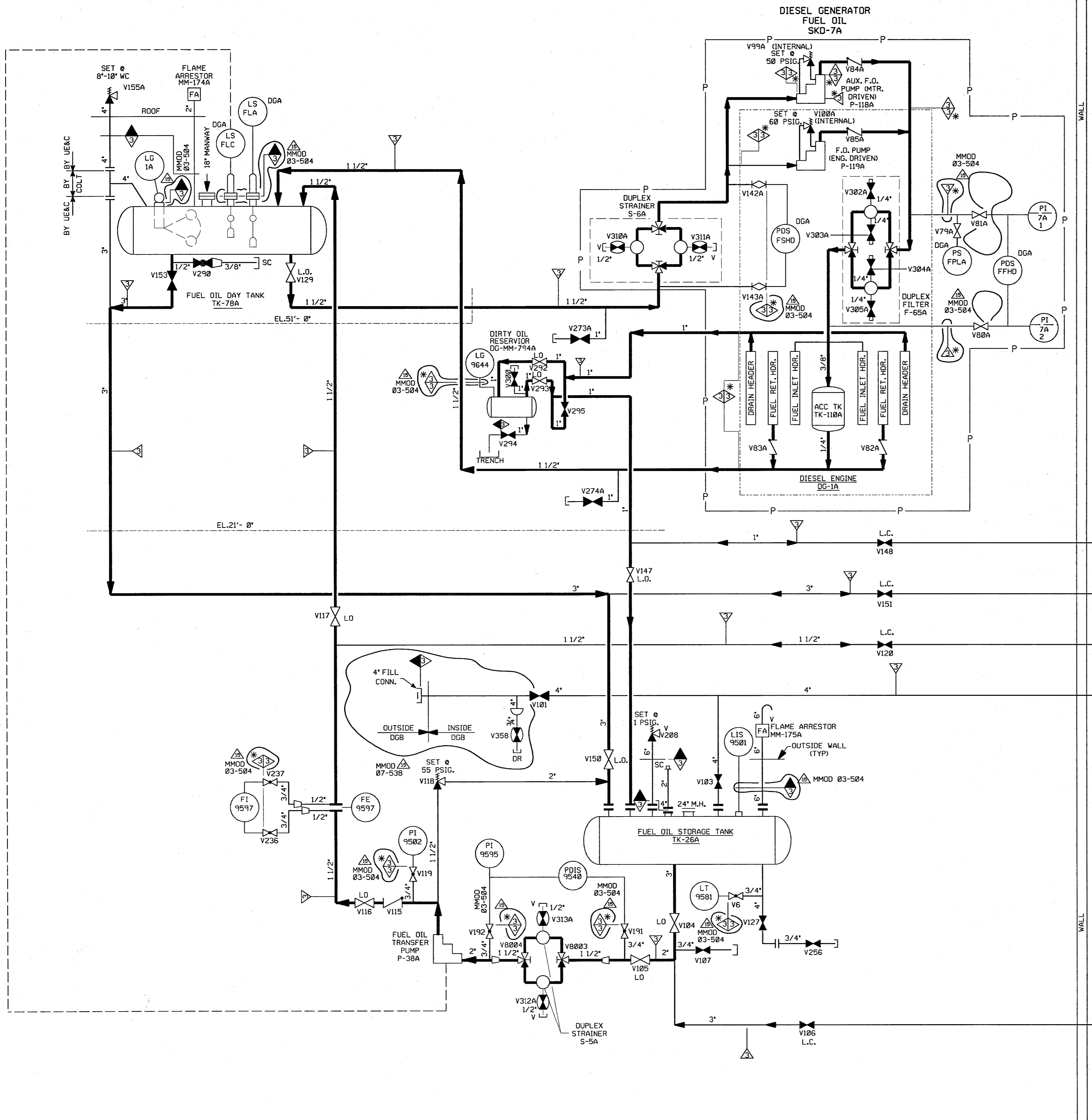
REF. DRAWING NO.	REV	TITLE
9763-F-202103	15	D.G. COOLING WATER -P&ID
9763-F-202101	13	D.G. AIR SYSTEM P&ID
9763-F-202102	16	D.G. FUEL & LUBE OIL P&ID

PID-1-DG-B20459

FOR P&ID REFERENCE DRAWINGS, SYMBOLS AND ABBREVIATIONS REFER TO DRAWINGS P&ID - LEGEND 1 AND P&ID - LEGEND 2

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A



PORTIONS OF THIS DRAWING ARE
NUCLEAR SAFETY RELATED

- NOTES:
1. WORK THIS DRAWING WITH DRAWINGS 20456, 20457, 20458, 20460, 20461, 20462 & 20464.
 2. ALL LINES, EQUIPMENT, COMPONENTS AND INSTRUMENTATION HAVE SYSTEM PREFIX DG, UNLESS NOTED OTHERWISE.
 3. DELETED.
 4. DELETED.
 5. Δ INDICATES REVISION LEVEL. MMOD 07-538
 6. DELETED
 7. VENT, DRAINS AND TEST CONN. SAFETY CLASS AND CODE BREAKS ARE AT THE DOWNSTREAM END OF THE OUTER ISOLATION VALVE PER 1-NHY-805111, UNLESS NOTED OTHERWISE.

REV	DATE	DSGN	CHKD	CE	DESCRIPTION
15	3/20/08	JM	BES	JME	INCRP. MMOD 07-538 DCN 00 & MMOD 03-504 DCN 00
14	9/3/00	BCS	MPW	MKC	INCRP. DCR 90-029 DCN-0
13	11/1/95	MPW	BCS	VWS	INCRP. MMOD 96-550 CA0
12	11/1/95	BCL	MPW	RSG	INCRP. DCR 94-12 CA-0, 01 & MMOD 96-583 CA-0
11	5/27/94	MRB	JCM	GRM	INCRP. MMOD 92-546 CA0 & DCR 90-029 CA0
10	7/23/92	MRB	BCL	DJM	INCRP. DCR 90-013 CA5
9	5/26/92	MRB	BCL	DJM	PARTIAL INCRP. DCR 90-013 CA0
8	4/20/92	MRB	BCL	RRB	INCRP. MMOD 91-515 CA0
7	8/24/91	MRB	JM	RRC	INCRP. DCR 90-49 CA0 ADDED SYSTEM & TRAIN DESIGNATION PER 1-NHY-506397 & 506399
6	8/14/89	MRB	APL	MAC	INCRP. DCR 89-33 CA 03 DELETED CODE BREAKS PER NOTE 7.
5	1/7/87	MRJ	WRD	RRC	CORRECTED TAG NO. OF TK-26 REVISED DUPLEX STRAINER ARR'Y. PER NCR 82/1086B, REV'D CODE FLAG PER SBP-86-876, CORRECTED DRAFTING ERROR. ADDED REF. DWGS.
4	10/3/86	MAP	JDM	RRC	ADDED CONT. COORDINATES. REVISED PER PIPING ERECTION ISO'S ADDED CODE BREAKS. REVISED LG-1A IN ERROR. DELETED '0' DESIGNATION IN NOTE 1 INCRP. NCR 73/35A
3	6/24/86	WAL	BCL	RRC	INCRP. ECR'S 99/12651/B & 08/110173B
2	2/27/86	WAL	JDM	WFD	ISSUED FOR OPERATIONS & INCRP. ECR'S 95/112651A, 08/111131A
1	11/24/84	DWS	JNM	PEF	CODE BREAKS ADDED
0	06/29/84	MNS	JNM	WFD	ISSUED FOR FIELD VERIFICATION

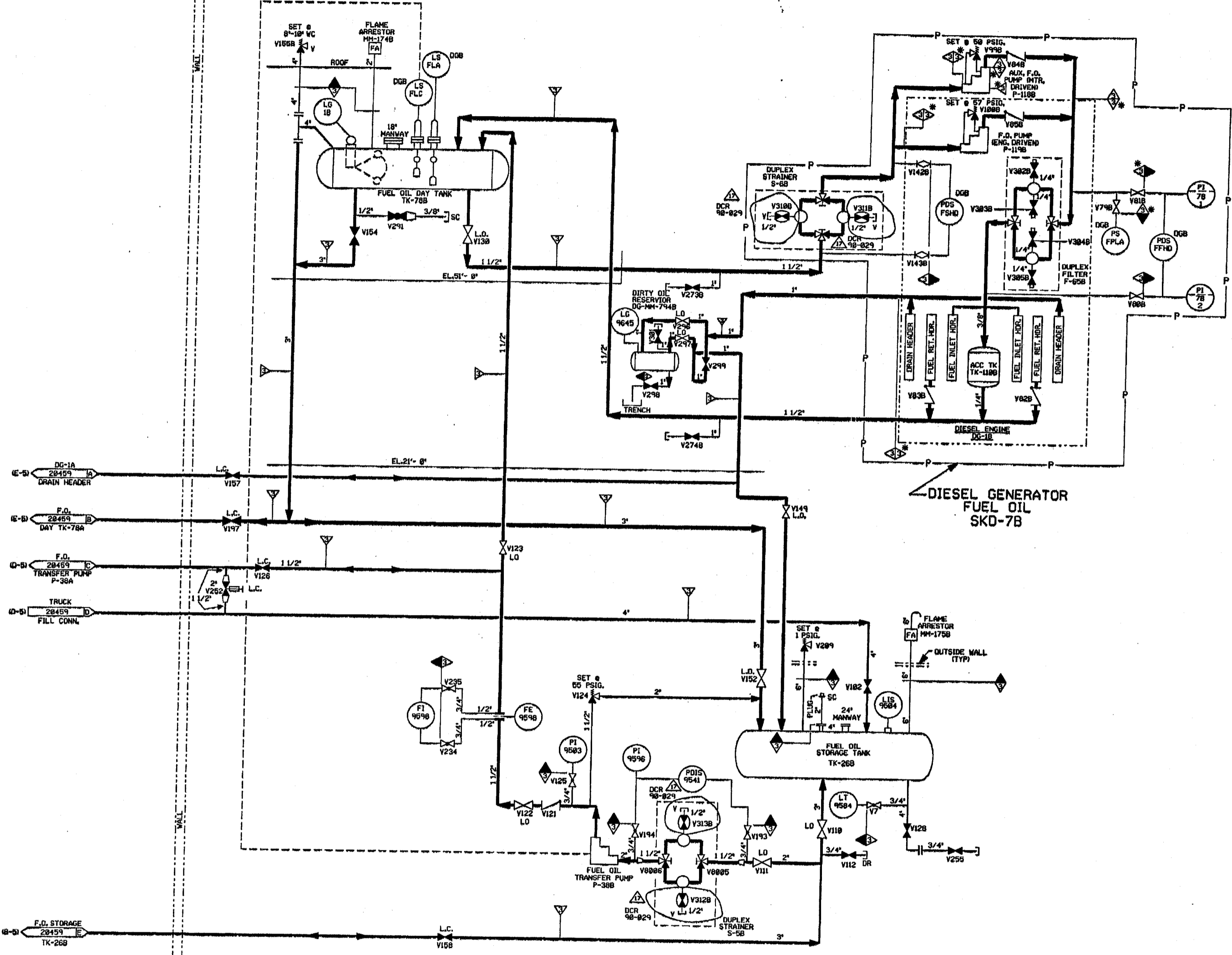
FPL ENERGY Seabrook Station

DIESEL GENERATOR FUEL OIL SYSTEM TRAIN "A" DETAIL

PID- 1-DG-B20459

REV	DATE	DSGN	CHKD	CE	DESCRIPTION
FP 20669	9				EMERG. DIESEL GEN. JACKET WTR. EXP. TANK
FP 21070	9				EMERG. DIESEL GEN. FUEL OIL DAY TANK
9763-F-202102	16				DG FUEL & LUBE OIL P&I DIAGRAM
REF. DRAWING NO.	REV	TITLE			

PID-1-DG-B20464



FOR PAID REFERENCE DRAWINGS, SYMBOLS AND ABBREVIATIONS REFER TO DRAWINGS PAID-LEGEND 1 AND PAID LEGEND 2.

PORTIONS OF THIS DRAWING ARE
NUCLEAR SAFETY RELATED

- NOTES:
1. WORK THIS DRAWING WITH DRAWINGS 28456, 28457, 28459, 28463, 28465, 28466 & 28467.
 2. ALL LINES, EQUIPMENT, COMPONENTS AND INSTRUMENTATION HAVE SYSTEM PREFIX DG, UNLESS NOTED OTHERWISE.
 3. DELETED.
 4. DELETED.
 5. Δ INDICATES REVISION LEVEL.
 6. VENT, DRAINS AND TEST CONN. SAFETY CLASS AND CODE BREAKS ARE AT THE DOWNSTREAM END OF THE OUTER ISOLATION VALVE PER I-NHT-00514, UNLESS NOTED OTHERWISE.

REV	DATE	DSGN	DRWN	CHKD	CDR	SES	DESCRIPTION
17	10/31/98	BCS	---	---	---	---	INCORP. DCR 98-029 DCH-08
16	10/31/98	MPM	---	---	---	---	INCORP. MHD 96-558 CAB
15	11/1/96	BCL	---	---	---	---	INCORP. DCR 94-12 CA-8, 81 & MHD 95-583 CA-8
14	5/3/94	MPM	---	---	---	---	BACKED OUT DCR 98-029
13	5/8/94	MRB	---	---	---	---	INCORP. MHD 92-546 CAB & DCR 98-029 CAB
12	7/9/92	MRB	---	---	---	---	INCORP. DCR 98-013 CAB
11	5/25/92	MRB	---	---	---	---	PARTIAL INCORP. DCR 98-013 CAB
10	4/13/92	MRB	---	---	---	---	INCORP. MHD 91-515 CAB
9	1/16/91	MRB	---	---	---	---	INCORP. DCR 98-49 CAB
8	6/28/91	MRB	---	---	---	---	REISSUED TO CORRECT ADMINISTRATIVE ERROR
7	11/28/89	MRB	---	---	---	---	INCORPORATED DCR 89-33 CA. #3
6	6/14/88	GPM	---	---	---	---	INCORP. 87-313 REVISION NOTE 6 DELETED MS-1 CLASS BOUNDARY
5	3/22/86	MRJ	---	---	---	---	CORRECTED TAG NO. OF TK-268. REVISED DUPLEX STRAINER SYMBOL PER MHD 82-0868. REVISED CODE FLAG PER SSP-86-876.
4	10/18/86	PAL	---	---	---	---	REVISED PER ECA 93/1801818, ECA 82/180726, MHD 72-254. ADDED NOTE TO SET CLASS TO B. THE FOLLOWING CHANGES MADE PER LEAC PAID 8603 CLASS 3 FLAG TO 4 LINE NO. OUTSIDE WALL WAS SHOWN IN ERROR. VENT CORRECTED FROM V225. FLANGES DELETED FROM SIDE.
3	6/23/86	WAL	---	---	---	---	INCORPORATED ECA 85/180738 & UPDATED PER LATEST PAID.
2	11/23/84	DNS	---	---	---	---	ISSUED FOR OPERATIONS & INCORP. ECA 85/110314
1	06/24/84	HNS	---	---	---	---	CODE BREAKS ADDED ISSUED FOR FIELD VERIFICATION

North Atlantic Energy Service Corporation



DIESEL GENERATOR FUEL OIL SYSTEM TRAIN 'B' DETAIL

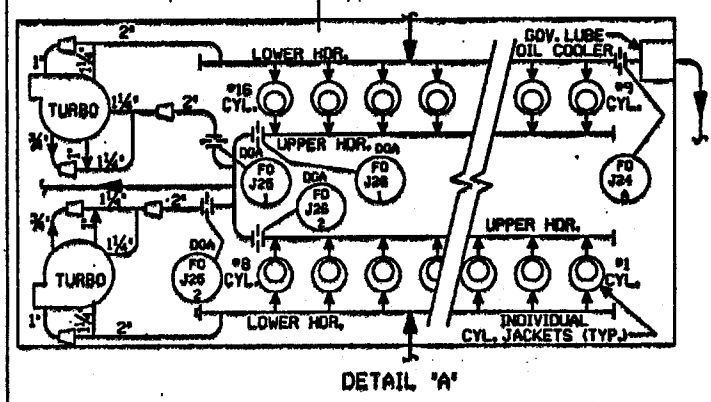
SEABROOK STATION PID-1-DG-B20464

REV	DATE	DSGN	DRWN	CHKD	CDR	SES	DESCRIPTION
9							EMERG DIESEL GEN FUEL OIL DAY TANK
9							EMERG DIESEL GEN JACKET WTR EXP TANK
16							D.G. FUEL & LUBE OIL PAI DIAGRAM

12 11 10 9 8 7 6 5 4 3 2 1
H G F E D C B A
07/28/88 12 11 10 9 8 7 6 5 4 3 2 1

PID-1-DG-B20461

FOR PAID REFERENCE DRAWINGS SYMBOLS AND ABBREVIATIONS REFER TO DRAWINGS PAID - LEGEND 1 AND PAID - LEGEND 2



- NOTES:
1. WORK THIS DRAWING WITH DRAWINGS 28456, 28457, 28458, 28459, 28468, 28462 & 28466.
 2. ALL LINES, EQUIPMENT, COMPONENTS AND INSTRUMENTATION HAVE SYSTEM PREFIX DG, UNLESS NOTED OTHERWISE.
 3. DELETED.
 4. VENT & DRAIN CODE AND SAFETY CLASS BREAKS ARE AT THE DOWNSTREAM END OF THE OUTER ISOLATION VALVE PER 1-MY-88500, UNLESS NOTED OTHERWISE.
 5. Δ INDICATES REVISION LEVEL.
 6. THIS VALVE HAS BEEN STAKED IN A PRE-DETERMINED THROTTLED POSITION.

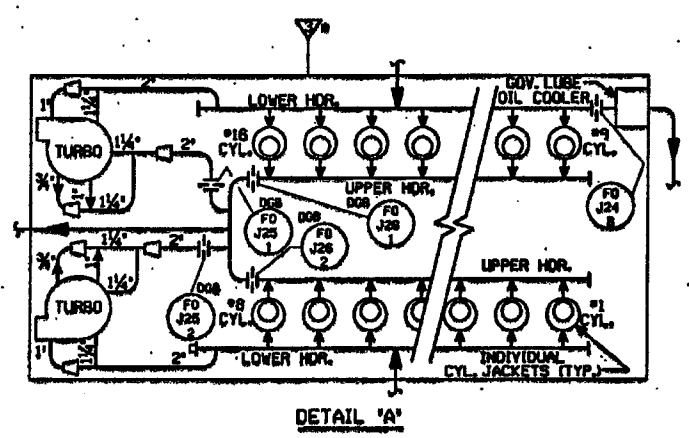
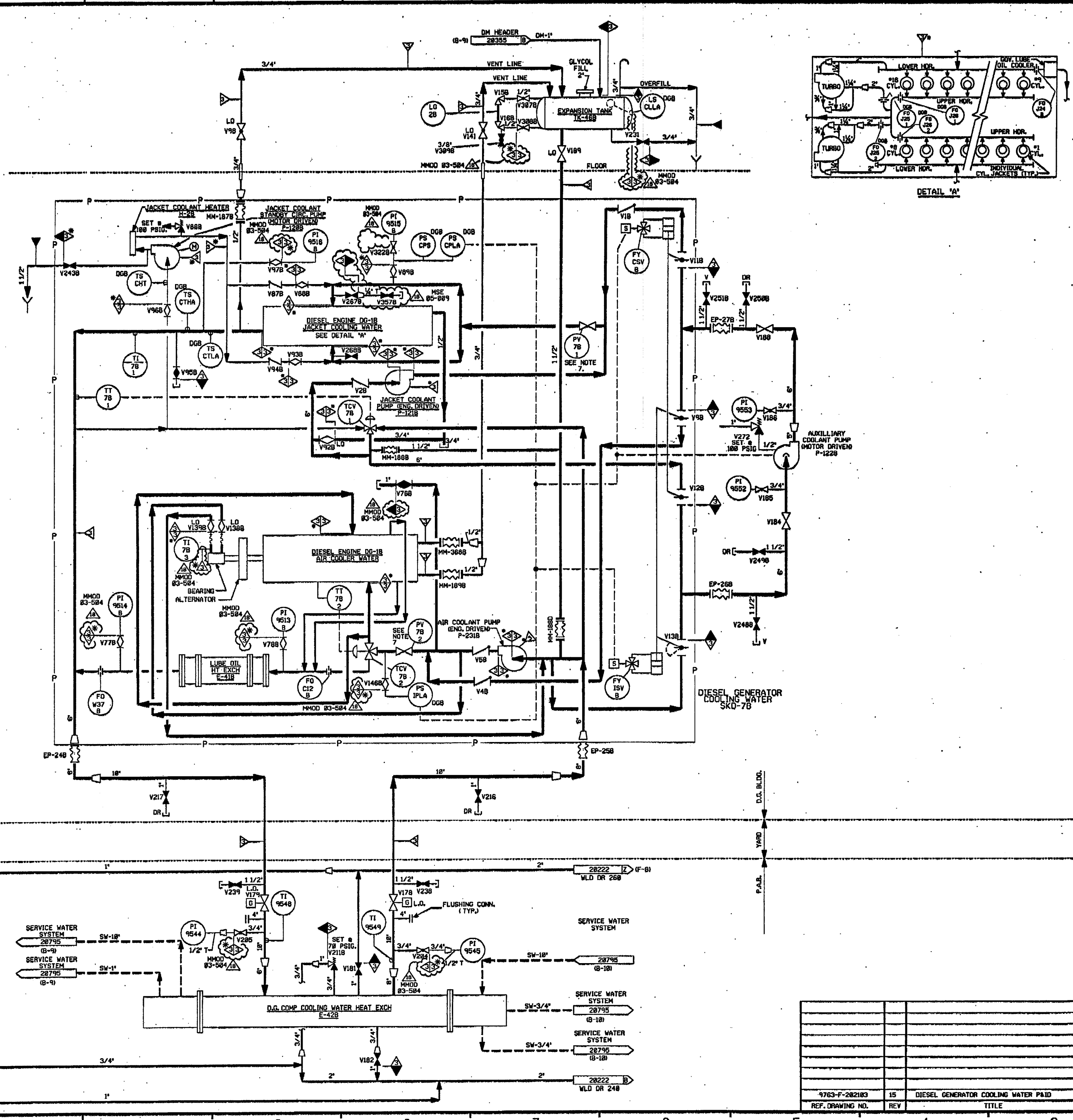
PORTIONS OF THIS DRAWING ARE
NUCLEAR SAFETY RELATED

REV	DATE	DSGN	CHKD	CE	DESCRIPTION
19	11/14/83	JM	BCS	RRB	INCORP M400 83-584 DCN 88 & MSE 85-889 REV 88
18	10/15/83	BCS	MPV	RRB	INCORP M400 82-531 DCN-8
17	5/7/82	JM	MPV	DJM	INCORP MSE 81-8889 REV 8 AND CR 80-13278
16	11/19/80	BCS	MPV	SPF	INCORP DCR 80-8826 DCN-88
15	6/2/78	DRL	BCS	VWS	INCORP M400 87-521 DCN 88
14	10/30/75	BCL	MPV	GRM	INCORP DCR 94812 CA-8, 81 & REINCORP MCR 74/25384
13	12/3/74	DWS	BCL	M40	INCORP M400 838545 CA-8
12	5/27/74	BCL	MPV	GRM	INCORP M400 84-586 CA-8 & M400 82-548 CA-8
11	10/22/73	MRB	BCL	RRB	INCORP M400 82-556 CA-8 AND PARTIAL INCORP M400 82-546 CA-8
10	4/23/72	MRB	BCL	RRB	INCORP M400'S 91-515 CA-8 & 91-522 CA-8
9	10/24/69	MRB	JM	BCL	INCORP M400 90-581 CA-8
8	12/2/68	MRB	GPH	GRM	INCORPORATED DCR 88-122, CA-8 REVISED PIPING TO CLARIFY DUPLICATION OF ASSOCIATED SYSTEMS & INTERFACES. DELETED CLASS BREAK AND SYSTEM CLASS DESIGNATION.
7	8/31/68	GPH	APL	GRM	INCORP DCR 88-25 CA-2 REVISED NOTE 1. DELETED M400-1 CL BOUNDARY
6	3/8/67	MRJ	DPD	RRC	CORRECTED DRAFTING ERROR BY ADDING VALVE TAG NO.
5	2/18/67	JDM	MPV	VWS	REVISED SAFETY CLASS PER MEMO SSP-88-878 YACC. REVISED CONFIG. PER FP 28588 & FP 22574. CORRECTED TAG NUMBER OF TI-9546 PER DISPOSITION OF CAR 86/22A.
4	10/18/66	PAL	BCL	RRC	CHANGED TI-9546 TO TI-9547 PER CAR 86/22A. CORRECTED CLASS BREAK SHOWN IN DCA ADDED PER LEAD PAID. ADDED V271 & LINE NO. PER MCR 94/1382A. INDICATED TI-9542 & TI-9547 PER PIPING ERECTION ISL. ADDED CHANGE IT5H 1 PER CAR 82/22A. ADDED FOREIGN PRINT MFS & DIM. COORDINATE LOCK TAGS A NOTE - REVISE SAFETY CLASS-ADD SPEC BREAKS REVISE VALVE POSITION INCORP. ECA 15/18828A
3	6/23/66	JDM	VWK	RRC	ISSUED FOR OPERATIONS & INCORP. ECA 15/18828A
2	2/27/66	VAL	JDM	MFD	ISSUED FOR OPERATIONS & INCORP. ECA 15/18828A
1	11/29/64	DWS	JHM	PEF	CODE BREAKS ADDED
0	06/29/64	MNS	RSL	MFD	ISSUED FOR FIELD VERIFICATION

FPL ENERGY Seabrook Station
DIESEL GENERATOR COOLING WATER SYSTEM TRAIN 'A' DETAIL
 PID-1-DG-B20461

REF. DRAWING NO.	REV	TITLE
FP 21175	4	DG COOLANT BACKUP JW PMP. & MTR, OUTLINE
FP 28699	9	EMERG. DG SKID GEN. ARRANGMT
FP 21069	7	EFWP PUMP ASSEMBLY
9763-F-282193	14	DIESEL GENERATOR COOLING WATER - PAID

PID-1-DG-B20466



FOR PAID REFERENCE DRAWINGS, SYMBOLS AND ABBREVIATIONS REFER TO DRAWINGS PAID - LEGEND 1 AND PAID - LEGEND 2

- NOTES:
1. WORK THIS DRAWING WITH DRAWINGS 28456, 28457, 28461, 28463, 28464, 28465 & 28467.
 2. ALL LINES, EQUIPMENT, COMPONENTS AND INSTRUMENTATION HAVE SYSTEM PREFIX DG.
 3. DELETED
 4. VENT, DRAIN & TEST CONN. CODE AND SAFETY CLASS BREAKS ARE AT THE DOWN STREAM END OF THE OUTER ISOLATION VALVE PER I-NHY-08511, UNLESS NOTED OTHERWISE.
 5. Δ INDICATES REVISION LEVEL.
 6. DELETED
 7. THIS VALVE HAS BEEN STAKED IN A PRE-DETERMINED THROTTLED POSITION.

PORTIONS OF THIS DRAWING ARE
NUCLEAR SAFETY RELATED

REV	DATE	DSGN	CHKD	CE	DESCRIPTION
18	11-16-06	JH	EPG	EEB	INCORP MMOD 03-584 DCM 00 & HSE 05-089 REV 00
17	5/16/02	JH	MPV	MKC	INCORP MMOD 00-0531 DCM 00
16	9/25/00	BCS	MPV	MKC	INCORP HSE 01-089, REV. 0
15	12/1/98	MPV	BCS	SFF	INCORP DCR 00-0526 DCM 00
14	6/2/98	DRL	BCS	YVS	INCORP MMOD 97-521 DCM 00
13	10/30/95	BCL	MPV	GRM	INCORP DCR 94012 CAPS 0 & 01, & INCORP. NCR 74/2530A

FPL ENERGY Seabrook Station

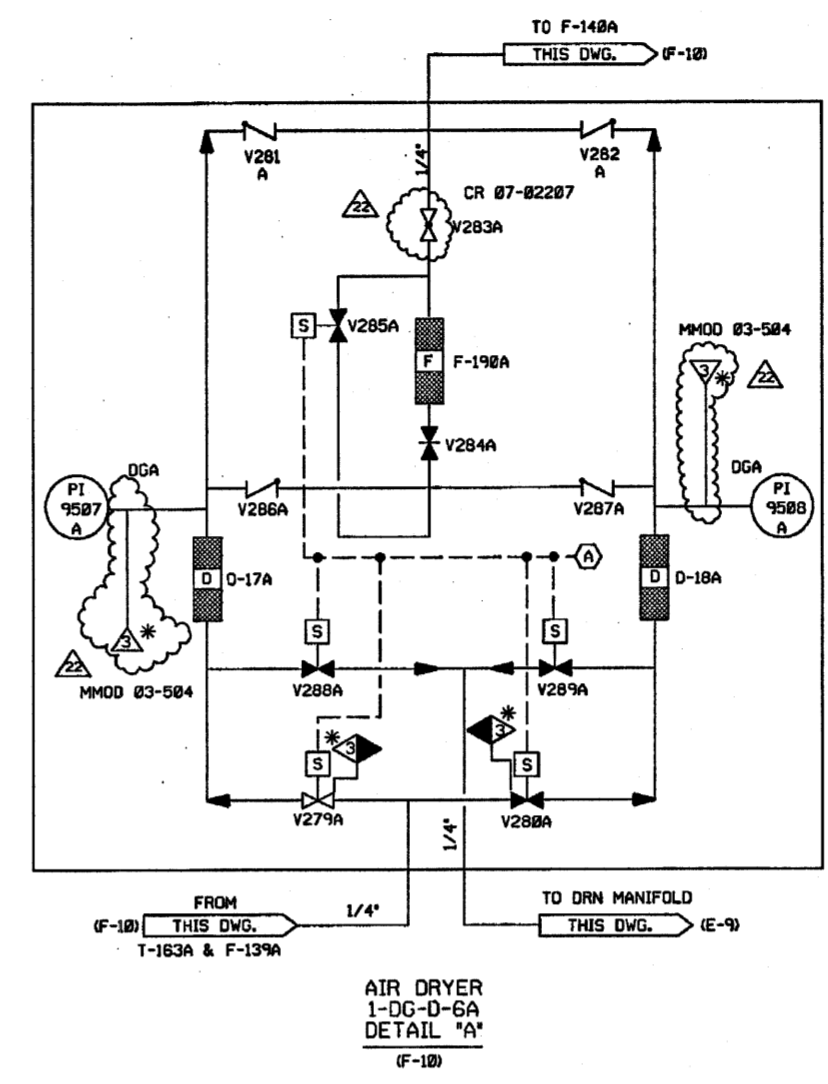
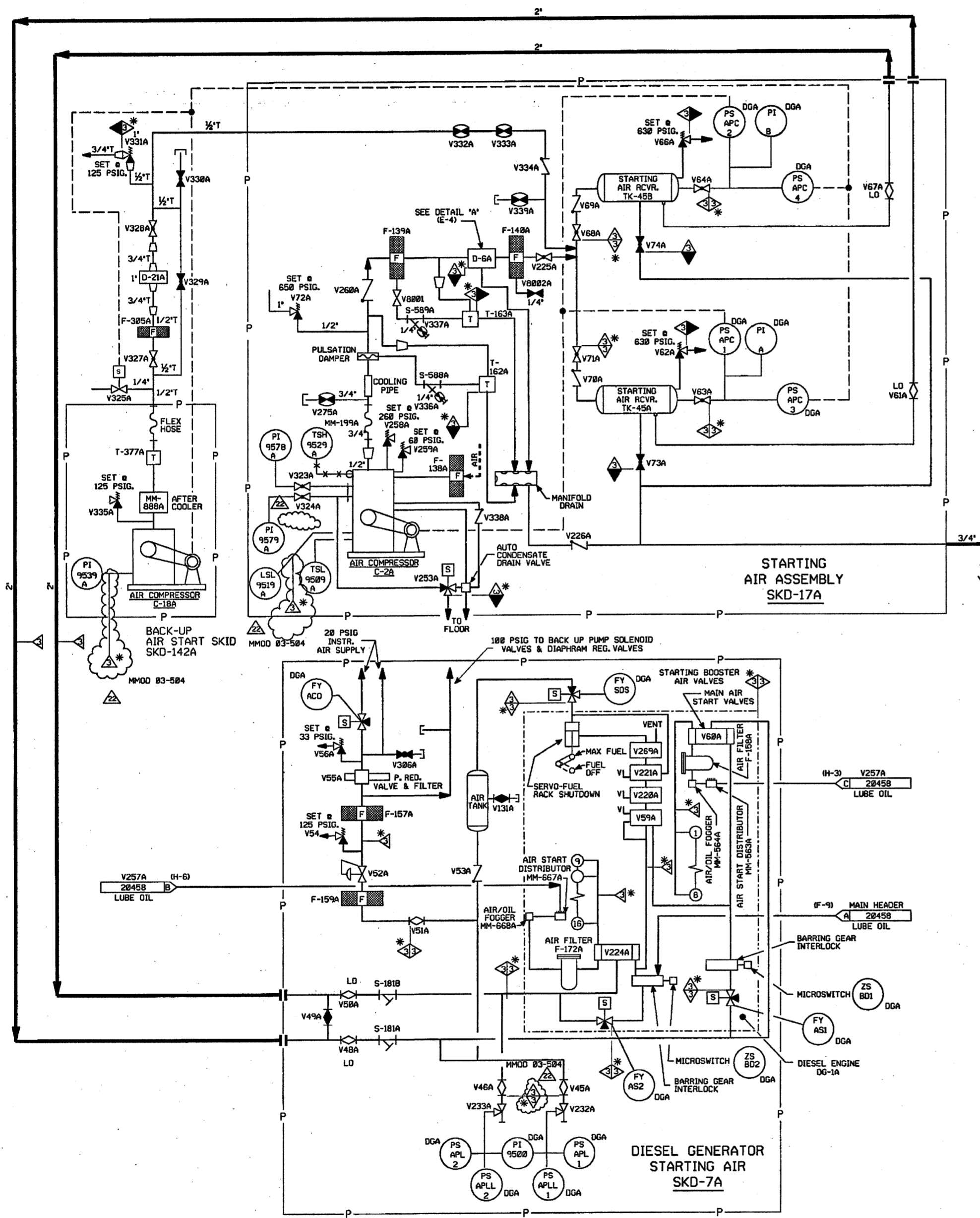
DIESEL GENERATOR COOLING WATER SYSTEM TRAIN 'B' DETAIL

PID- 1-DG-B20466

REF. DRAWING NO.	REV	TITLE
9763-F-282183	15	DIESEL GENERATOR COOLING WATER PAID

P10-1-DG-B20460

FOR PAID REFERENCE DRAWINGS, SYMBOLS AND ABBREVIATIONS REFER TO DRAWINGS P&ID - LEGEND 1 AND P&ID - LEGEND 2



- NOTES:
1. WORK THIS DRAWING WITH DRAWINGS 20456, 20457, 20458, 20459, 20461, & 20462.
 2. ALL LINES, EQUIPMENT, COMPONENTS AND INSTRUMENTATION HAVE SYSTEM PREFIX DG, UNLESS NOTED OTHERWISE.
 3. DELETED
 4. Δ INDICATES REVISION LEVEL.
 5. VENTS, DRAINS AND TEST CONN. CODE AND SAFETY CLASS BREAKS ARE AT THE DOWN STREAM END OF THE OUTER ISOLATION VALVE PER 1-NHY-80511, UNLESS NOTED OTHERWISE.
 6. INSTRUMENT REFERENCE
 Δ TO CONTROL PANEL ON SKD-17A, FP-22574.

PORTIONS OF THIS DRAWING ARE
NUCLEAR SAFETY RELATED

REV	DATE	DSGN	CHKD	CE	DESCRIPTION
22	3-26-7	BCS	JM	RKB	INCRP MMOD 03-504 DCN-00 & CR 07-02207 REV. 0
21	6/9/03	JM	BCS	MKC	INCRP CR 00-04158 REV 00 & CR 02-01023 REV 00
20	5/7/02	JM	MPW	MKC	INCRP MMOD 01-533 DCN-00
19	8/12/00	BCS	DWS	MKC	INCRP DCR 97-0045 DCN-00
18	10/7/99	BCS	MPW	MKC	INCRP DCR 97-0045 DCN-05, 06
17	7/14/99	BCS	MPW	DJM	INCRP MMOD 96-566 DCN-00, DCR 97-45 DCN-00, 02
16	6/19/97	MPW	DWS	RSG	INCRP DCR 94-44 CA#0, 8, 9 & 14
15	4/2/96	MPW	DWS	GRM	INCRP DCR 94-12 CA#0 & 1
14	5/30/95	DWS	MPW	JHR	INCRP MMOD 940572 CA#0
13	12/9/94	DWS	BCL	MHD	INCRP MMOD 930545 CA#0
12	5/1/94	BCL	WDS	GRM	INCRP DCR 90-29 CA-2
11	5-27-94	BCL	MPW	GRM	INCRP MMOD 94-586 CA0, 03 & MMOD 92-546 CA#
10	10-22-93	MRB	BCL	GRM	INCRP MMOD'S 92-546 CA0, 92-556 CA0
9	9-17-92	DWS	BCL	IW	INCRP DCR 920041 CA#0
8	4-17-92	MRB	BCL	RRB	INCRP MMOD 91-615 CA0
7	10/5/89	MRB	APL	WFD	INCRP MMOD 89-561 CA 0 REVISED INSTR TAG PREFIX PER SITE VERIFICATION
6	8/14/89	MRB	APL	MAC	INCRP DCR 89-33 CA 03 ADDED VALVES V258A & V259A VERIFIED INSTALLED AND TAGGED AS SHOWN.
5	1/22/87	JDM	PAL	RRC	ADDED TAG NUMBERS & EQUIPMENT I.D., ADDED DGA DESIGNATION TO INSTR. REVISED LOCATION OF FILTER & FOGGER PER FP-20699. ADDED LUBE OIL SUPPLY TO PROVIDE MORE SYSTEM DETAIL. REVISED SAFETY CLASS PER MEMO 89-06-876-YAEC.
4	10/3/86	MHP	JDM	RRC	DELETED NOTE 5 INCRP DR 02/288A, REVISED PER FP-20693, 20699 & PIPING ERECTION 100'S ADDED VALVE NOS V6801 & V6802 INCRP, ECA 99/806179A.
3	6/19/86	JDM	DWS	RRC	INCRP NCR 74/3501A, ECA 19/002034A
2	2/27/85	WAL	JDM	WFD	ISSUED FOR OPERATIONS & INCRP, ECA'S 99/1099910 & 99/112915A
1	11/27/84	DWS	JNM	PEF	CODE BREAKS ADDED
0	06/29/84	MNS	RSL	WFD	ISSUED FOR FIELD VERIFICATION

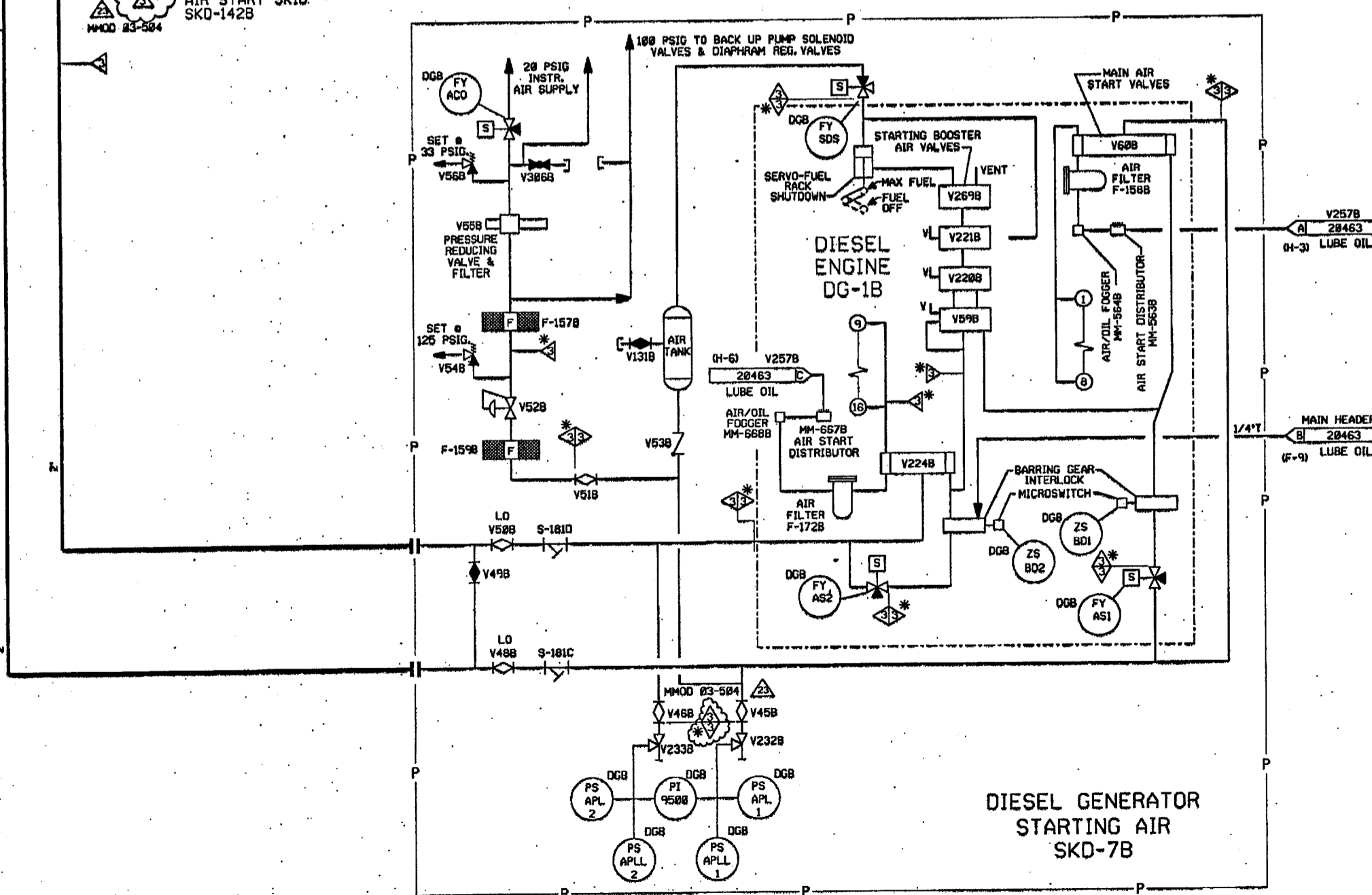
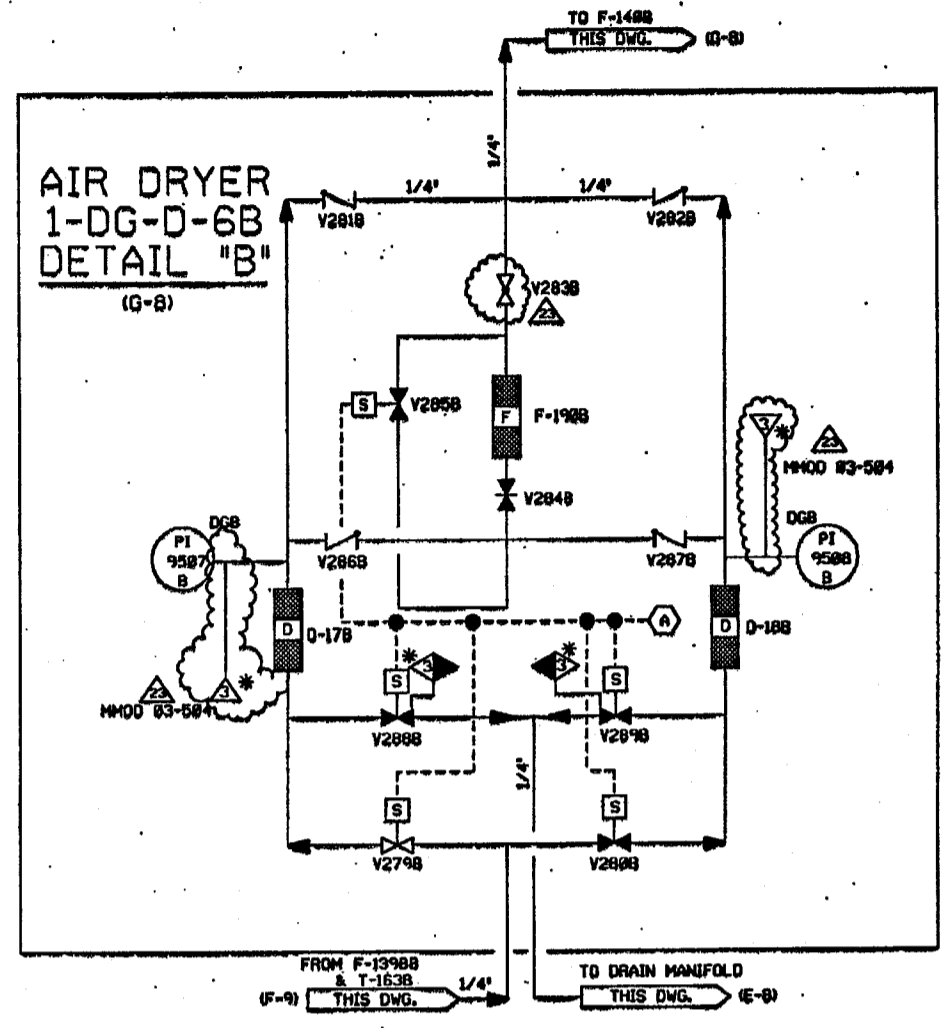
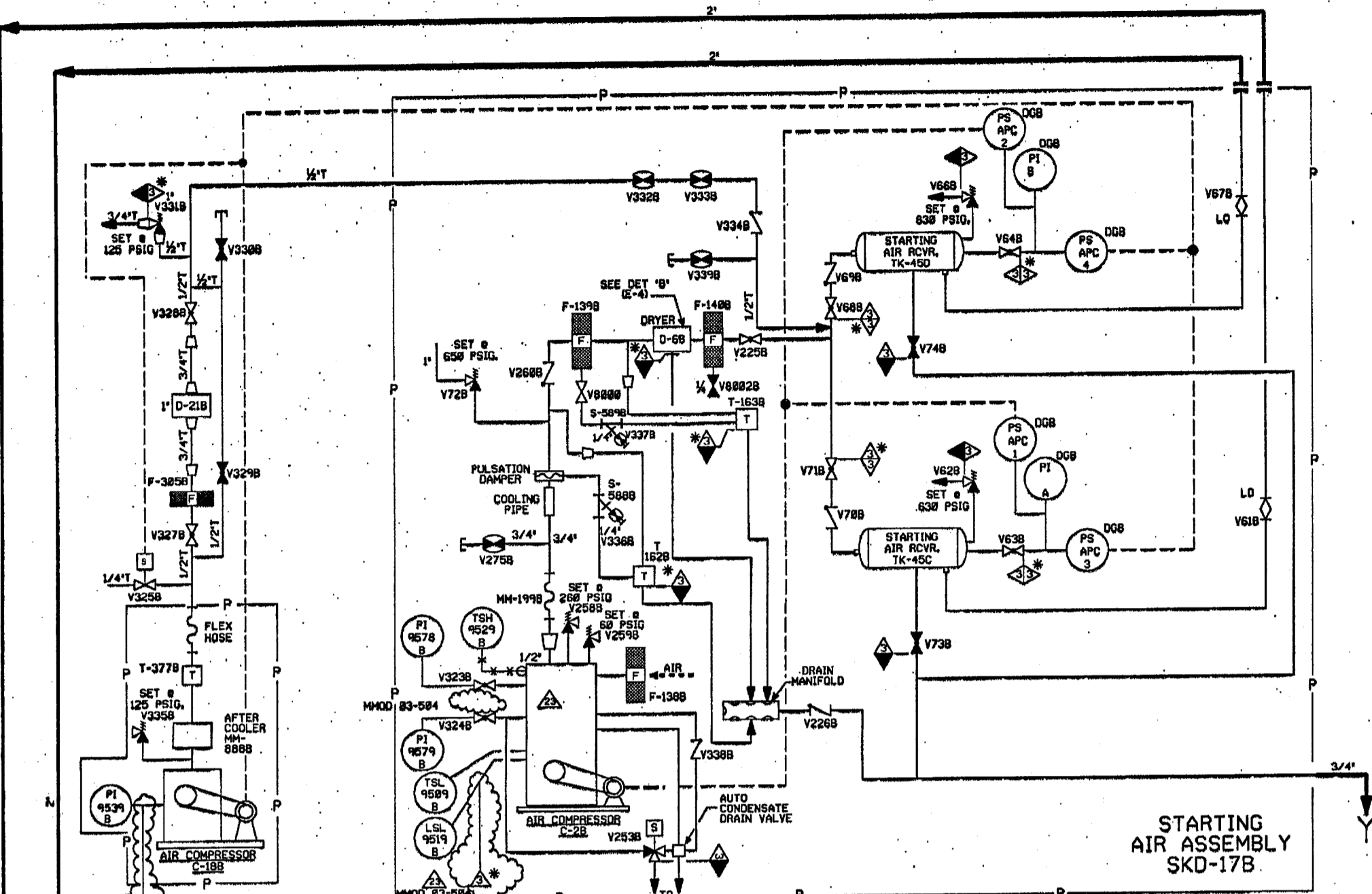
FPL ENERGY Seabrook Station

DIESEL GENERATOR STARTING AIR SYSTEM TRAIN 'A' DETAIL

PID- 1-DG-B20460

REF. DRAWING NO.	REV	TITLE
FP-20803	12	EMERG.DIESEL STARTING AIR ASSEMBLY SKD-17A
FP-20699	13	DIESEL GENERATOR STARTING AIR SKD-7A
9763-F-202101	13	DIESEL GENERATOR-AIR SYSTEM P&ID

PID-1-DG-B20465



- NOTES:
1. WORK THIS DRAWING WITH DRAWINGS 20456, 20457, 20463, 20464, 20465, AND 20467
 2. ALL LINES, EQUIPMENT, COMPONENTS AND INSTRUMENTATION HAVE SYSTEM PREFIX DG, UNLESS NOTED OTHERWISE.
 3. DELETED
 4. INDICATES REVISION LEVEL
 5. VENTS, DRAINS AND TEST CONNECTIONS AND SAFETY CLASS BREAKS ARE AT THE DOWNSTREAM END OF THE OUTER ISOLATION VALVE PER 1-MHY-985111, UNLESS NOTED OTHERWISE.
 6. INSTRUMENT REFERENCES: (A) TO CONTROL PANEL ON SKD-17B FP-22575

PORTIONS OF THIS DRAWING ARE
NUCLEAR SAFETY RELATED

REV	DATE	DSGN	CHKD	CE	DESCRIPTION
23	12/31/83	JM	BCS	RRB	INCORP MHD 83-584 DCH 88
22	12/15/82	JM	BCS	RRB	INCORP CR 88-84158 REV 88 & CR 82-81823 REV 88
21	12/15/82	JM	BCS	MKC	INCORP CR 82-12483 REV 88
20	8/21/82	BCS	JM	MKC	INCORP DCR 97-8845 DCH-88
19	5/16/82	MPW	JM	MKC	INCORP MHD 81-533 DCH 88
18	11-17-79	BCS	MPW	MKC	INCORP DCR 97-845 DCH-88
17	8-26-79	BCS	MPW	WFZ	INCORP MHD 96-586 DCH-88, DCR 97-45 DCH-82-5
16	5-28-77	MPW	DWS	WFZ	INCORP DCR 94-44 DCH-8, 9 & 14
15	4-2-76	BCS	DWS	GRH	INCORP DCR 94-12 CA-8, 81
14	5-15-75	BCL	MPW	JPS	INCORP MHD 94-572 CA-8
13	12-4-74	DWS	BCL	MHD	INCORP MHD 938545 CA-8
12	6/1/74	BCL	MDS	GRH	INCORP DCR 98-829 CA-82
11	5-18-74	BCL	MPW	RRB	INCORP MHD 94-586 CAB, 3 & MHD 92-546 CAB
10	10-22-73	MRB	BCL	GRH	INCORP MHD 92-546 CAB, 92-556 CA-8
9	10-3-73	DWS	MRB	RSQ	INCORP DCR 928841 CA-8
8	4/14/72	MRB	BCL	JEV	INCORP MHD 918515 CA-8
7	11/28/69	MRB	PAL	GRH	INCORPORATED DCR 89-33 CAB & MHD 89-551. ADDED NOTE B & C.
6	9/8/68	MRW	BCL	RRB	ADDED VALVE PER WORK REQUEST 87 W01428 AND CONT. COORDINATES
5	1/22/67	JOM	WRD	RRB	ADDED TAG NUMBERS & EQUIPMENT I.D. INCORP ECA 9498284A. REVISED LOCATION OF FILTER & FODDER PER FP-28591. ADDED LUBE OIL SUPPLY TO PROVIDE MORE SYSTEM DETAIL. REVISED SAFETY CLASS PER MHD 88-876-TAGC. REVISED PER ECA 9498284A AND 9412551A. INCORP ECA 9412551A. REVISED PER 92/2386 WAS IN ERROR. ADDED VALVE TO FILTER F-1988 PER FP-28883 AND TAGGED V6888. REVISED END CONNS ON FLEX HOSE PER FP-28883. ADDED FOREIGN PRINTS TO BE BLOCK. ADDED DCR 10 INCH PER DEAC PAID. ADDED PAID LEGEND NOTE.
4	10/3/66	PAL	MPW	RRB	INCORP ECA 9412551A. INCORP NCR 82/238 & 74/2581
3	6/16/66	JOM	DWS	RRB	ISSUED FOR OPERATIONS & INCORP. 11/25/64 DWS JNM PEF CODE BREAKS ADDED
2	8/27/66	WAL	JOM	WFD	ISSUED FOR OPERATIONS & INCORP.
1	11/25/64	DWS	JNM	PEF	ISSUED FOR OPERATIONS & INCORP.
0	86/29/84	MNS	JNM	WFD	ISSUED FOR FIELD VERIFICATION

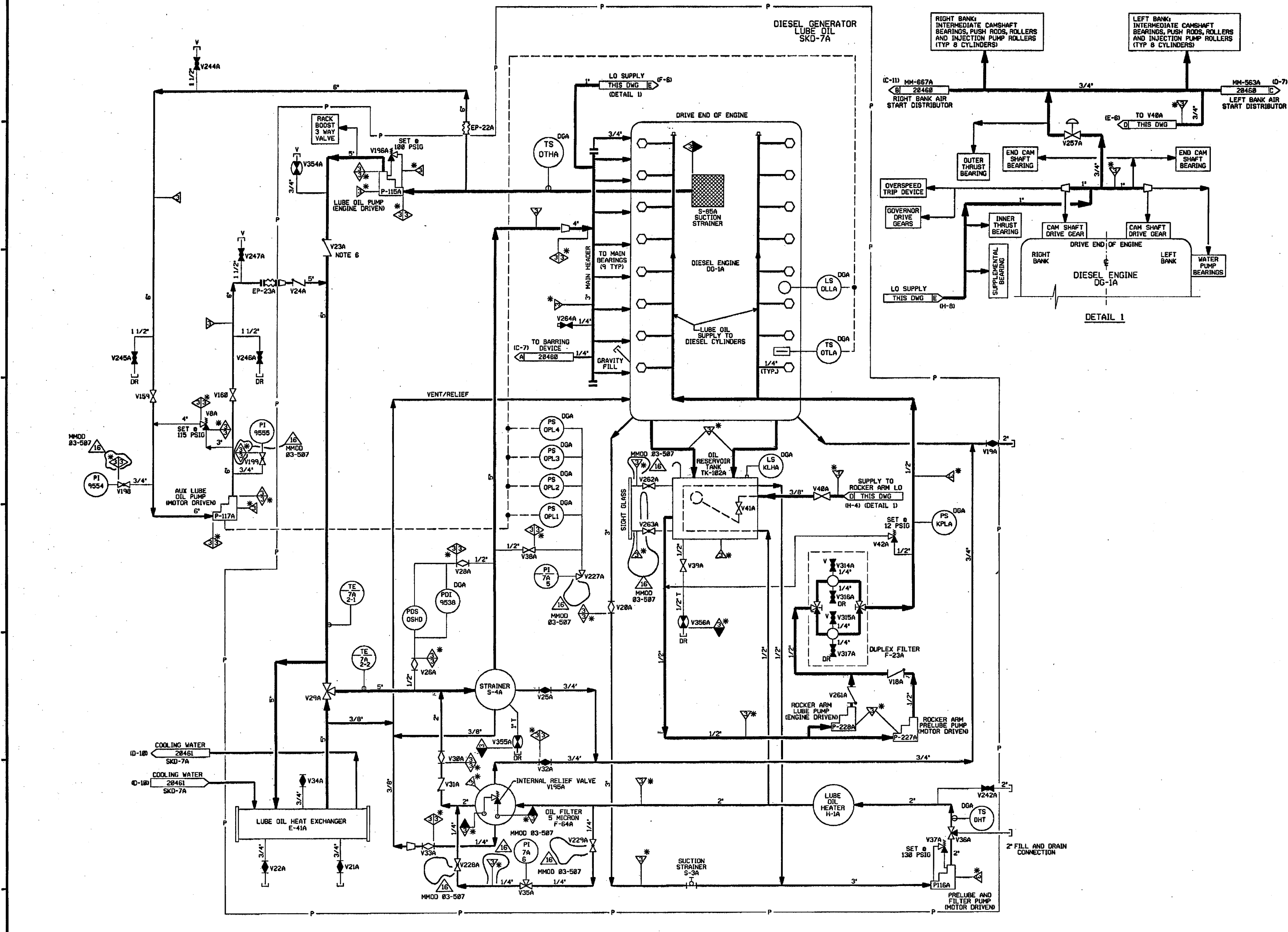
REF. DRAWING NO.	REV	TITLE
FP 20883	11	EMERG DG AIR ASSY DEN ARRANGEMENT
FP 20699	9	EMERG DG SKID UNIT
FP 20691	15	EMERG DG START AIRCONT SCHEM AND LEGEND
9763-F-202101	13	DIESEL GENERATOR - AIR SYSTEMS PAID

FPL ENERGY Seabrook Station

DIESEL GENERATOR STARTING AIR SYSTEM TRAIN 'B' DETAIL

PID- 1-DG-B20465

FOR P&ID REFERENCE DRAWINGS, SYMBOLS AND ABBREVIATIONS REFER TO DRAWINGS P&ID - LEGEND 1 AND P&ID - LEGEND 2



- NOTES:
1. WORK THIS DRAWING WITH DRAWINGS 20456, 20457 & 20459 THRU 20462.
 2. ALL LINES, EQUIPMENT, COMPONENTS AND INSTRUMENTATION HAVE SYSTEM PREFIX DG, UNLESS NOTED OTHERWISE.
 3. DELETED.
 4. VENT AND DRAIN CODE AND SAFETY CLASS BREAKS ARE AT THE DOWNSTREAM END OF THE OUTER ISOLATION VALVE PER DESIGN STANDARD 1-NHY-005111, UNLESS NOTED OTHERWISE.
 5. Δ INDICATES REVISION LEVEL.
 6. VALVE DISC DRILLED WITH 1/4" ORIFICE TO ALLOW BACKFLOW WITH ENGINE IN STANDBY.

PORTIONS OF THIS DRAWING ARE
NUCLEAR SAFETY RELATED

REV	DATE	DSGN	CHKD	CE	DESCRIPTION
16	10/31/06	JM	BLS	RRB	INCCORP MMOD 03-584 DCN 00
15	1/10/05	JM	BCS	HR	INCCORP DCR 04-010 - DCN 00
14	10/15/03	BCS	MPW	RRB	INCCORP MMOD 02-541 DCN-0.2 & MSE 03-160 REV.0
13	6/10/02	JM	BCS	MKC	INCCORP CR 00-04158 REV. 00, MMOD 01-531 DCN-00, 01
12	1/30/02	BCS	MPW	MKC	INCCORP MSE 01-0005 REV. 01
11	10/6/99	BCS	MPW	CWE	INCCORP MMOD 98-554 DCN-00,01
10	7/30/97	MPW	BCS	VMS	INCCORP MMOD 96-550 DCN 01
9	4/1/96	BCL	MPW	GRM	INCCORP DCR 94-12 CAB, 01
8	5/27/94	MPW	BCL	GRM	INCCORP MMOD 92-546 CAB, DCR 90-29 CA-0
7	5/11/92	MRB	BCL	GRM	INCCORP MMOD 91-622 CAB
6	10/29/90	MRB	JM	BCL	INCCORP MMOD 90-601 CAB0 REVISED NOTE 4
5	02/10/87	JDM	PHL	VMS	REVISED PRESSURE SWITCH TIE-IN PER FP-20530, COMPLETE REDRAW TO CLARIFY LAYOUT FOR BETTER FLOW DIA UTILIZATION, ADD LINE SIZES TO SKID PIPING.
4	11/05/85	MAP	WRD	RRC	REVISED PER PIPING ERECTION ISO, ADDED LOCATION COORD'S.
3	6/23/86	VAL	VNK	RRC	UPDATED PER LATEST P&ID & INCCORP NCR 93/228C
2	2/27/86	VAL	JDM	WFO	ISSUED FOR OPERATIONS
1	11/23/84	DWS	JNM	PEF	CODE BREAKS ADDED
0	6/29/84	MNS	JNM	WFO	ISSUED FOR FIELD VERIFICATION

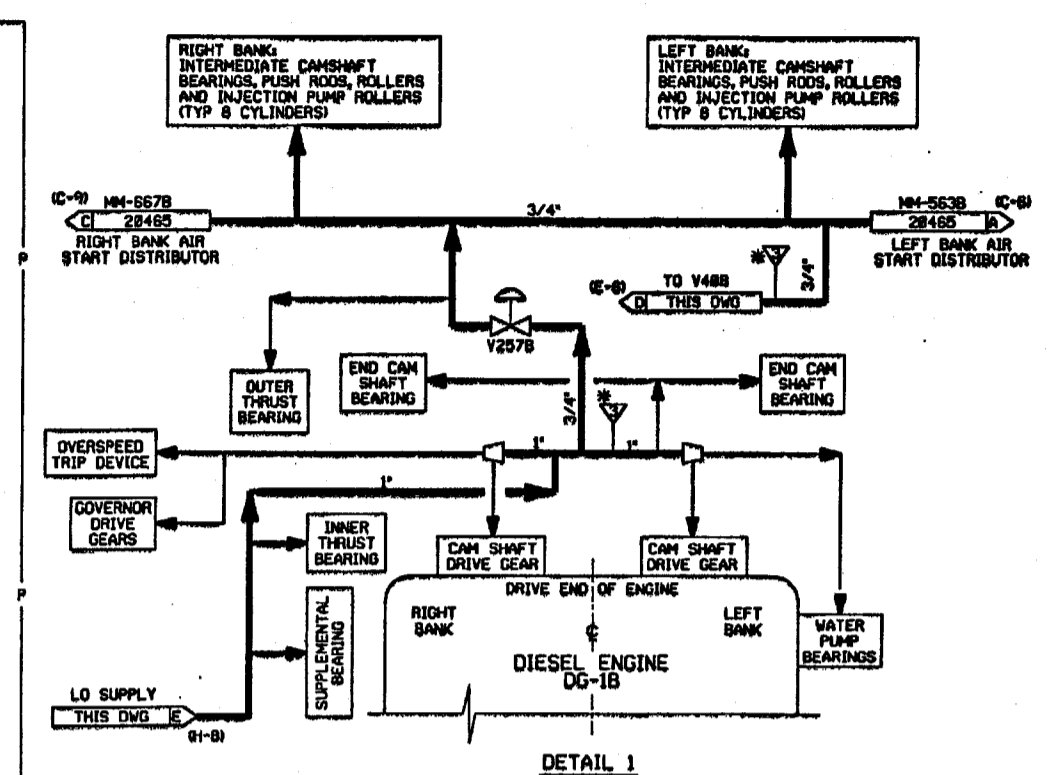
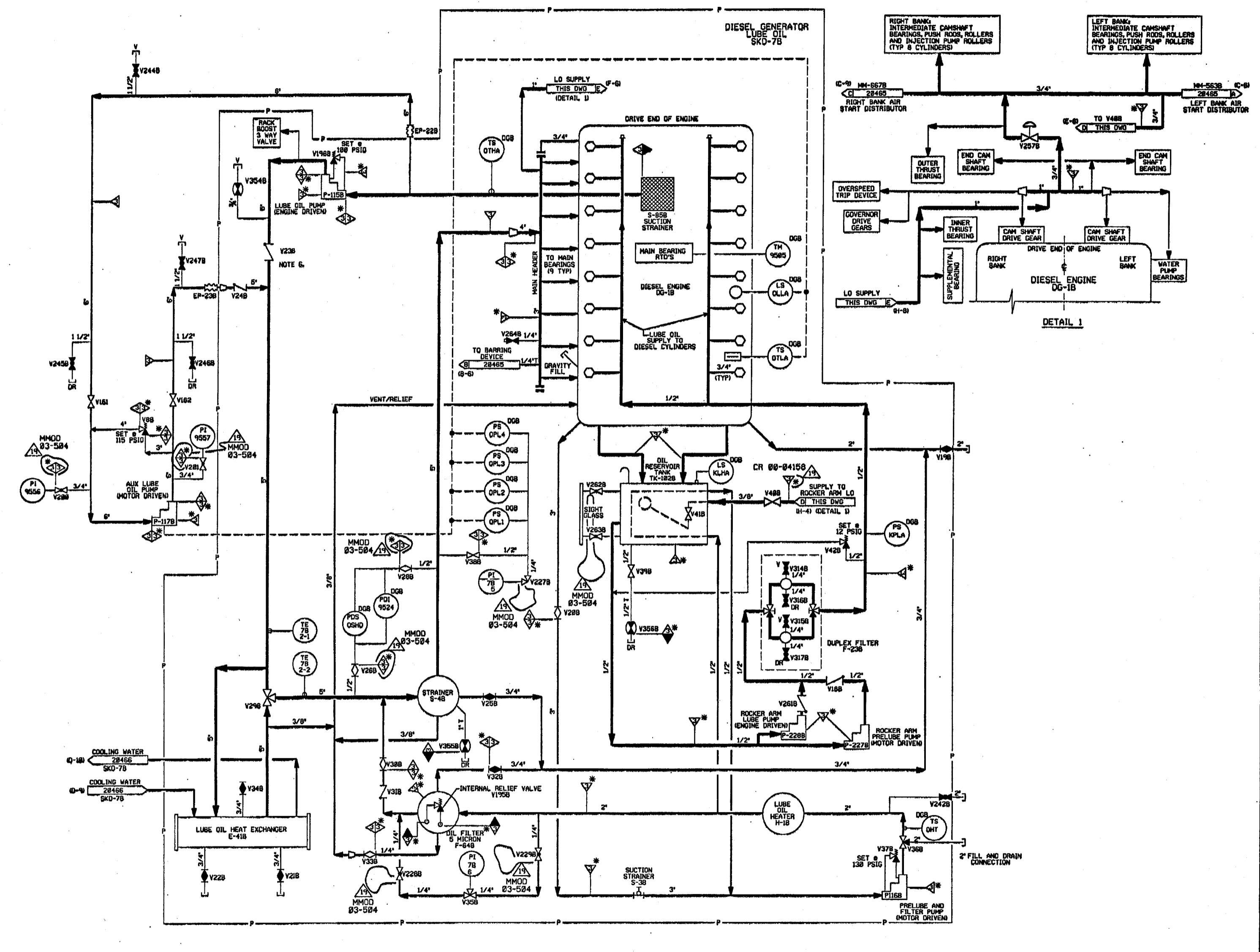
FPL ENERGY Seabrook Station
DIESEL GENERATOR LUBE OIL SYSTEM TRAIN 'A' DETAIL



REF. DRAWING NO.	REV	TITLE
9763-F-202102	16	DIESEL GENERATOR FUEL & LUBE OIL P&ID

PID- 1-DG-B20458

PID-1-DG-B20463



FOR PAID REFERENCE DRAWINGS, SYMBOLS AND ABBREVIATIONS REFER TO DRAWINGS PAID - LEGEND 1 AND PAID - LEGEND 2

- NOTES:
1. WORK THIS DRAWING WITH DRAWINGS 20464, 20467, 20468, 20469, & 20467.
 2. ALL LINES, EQUIPMENT, COMPONENTS AND INSTRUMENTATION HAVE SYSTEM PREFIX DG, UNLESS NOTED OTHERWISE.
 3. DELETED
 4. VENT AND DRAIN SAFETY CLASS AND CODE BREAKS ARE AT THE DOWNSTREAM END OF THE ISOLATION VALVE PER DESIGN STANDARD 1-NY-88011, UNLESS NOTED OTHERWISE.
 5. Δ INDICATES REVISION LEVEL.
 6. VALVE DISC DRILLED WITH 1/4" DRIFTE TO ALLOW BACKFLOW WITH ENGINE IN STANDSTY.

PORTIONS OF THIS DRAWING ARE
NUCLEAR SAFETY RELATED

REV	DATE	DSGN	CHKD	CE	DESCRIPTION
19	4/3/88	JH	BCS	MR	INCORP. MMOD 03-504 DCH 00 & REINFORC. CR 00-04150 REV 00
18	12/0/84	JH	BCS	MR	INCORP. DCH 04-009 - DCH 00
17	3/21/84	BCS	JH	MCC	INCORP. USE 03-100 REV. 00, MMOD 02-041 DCH-00 & 02, DCH 00-023 DCH-00
16	12/3/83	JH	BCS	MCC	INCORP. CR 00-04150 REV. 00
15	8/13/82	JH	MPV	BCS	INCORP. CR 00-12796-B1
14	1/22/81	BCS	MPV	MCC	PARTIAL INCORP. DCH 00-0023 DCH-00 INCORP. USE 01-0005 REV. 0
13	8/25/79	DWS	BCS	CVE	INCORP. MMOD 00-0023 DCH-00 & 01
12	7/28/79	MPV	BCS	VVS	INCORP. MMOD 00-0023 DCH 01
11	11/2/76	BCL	MPV	GRM	INCORP. DCH 04-012 CAB, 01
10	8/18/74	BCL	DWS	GRM	PARTIAL INCORP. DCH 00-023
9	5/29/74	MPV	BCL	GRM	BACKED OUT DCH 00-023
8	8/06/74	MRB	MPV	RRB	INCORP. MMOD 02-046 CAB & DCH 00-023 CAB
7	5/11/72	MRB	BCL	GRM	INCORP. MMOD 01-022 CAB
6	10/29/70	MRB	JH	BCL	INCORP. MMOD 00-046 CAB REVISED NOTE 4
5	2/10/70	JH	PAI	VMS	REVISED PRESSURE SWITCH TIE-IN FOR FP 200% COMPLETE RETURN TO CLARIFY LAYOUT FOR BETTER P&ID DIAGRAM UTILIZATION. ADDED LINE SIZES TO SKID PIPING.
4	10/16/66	PAI	WRD	RRC	INCORP. ECA 15/10/66, 000 ADDED PER LEAD. PAID ADDED NOTE 5. FOREIGN PRINTS TO REF. BLOCK & DNG COORD TO CONTINUITY PLAN.
3	6/23/66	VAL	YWK	RRC	UPDATE PER LATEST UEAC PIAD
2	2-27-66	VAL	JDM	MFO	ISSUED FOR OPERATIONS
1	11/29/64	DWS	JHM	PEF	CODE BREAKS ADDED
0	06/29/64	MNS	RSL	MFO	ISSUED FOR FIELD VERIFICATION

FPL ENERGY Seabrook Station
DIESEL GENERATOR LUBE OIL SYSTEM TRAIN 'B' DETAIL
 PID- 1-DG-B20463

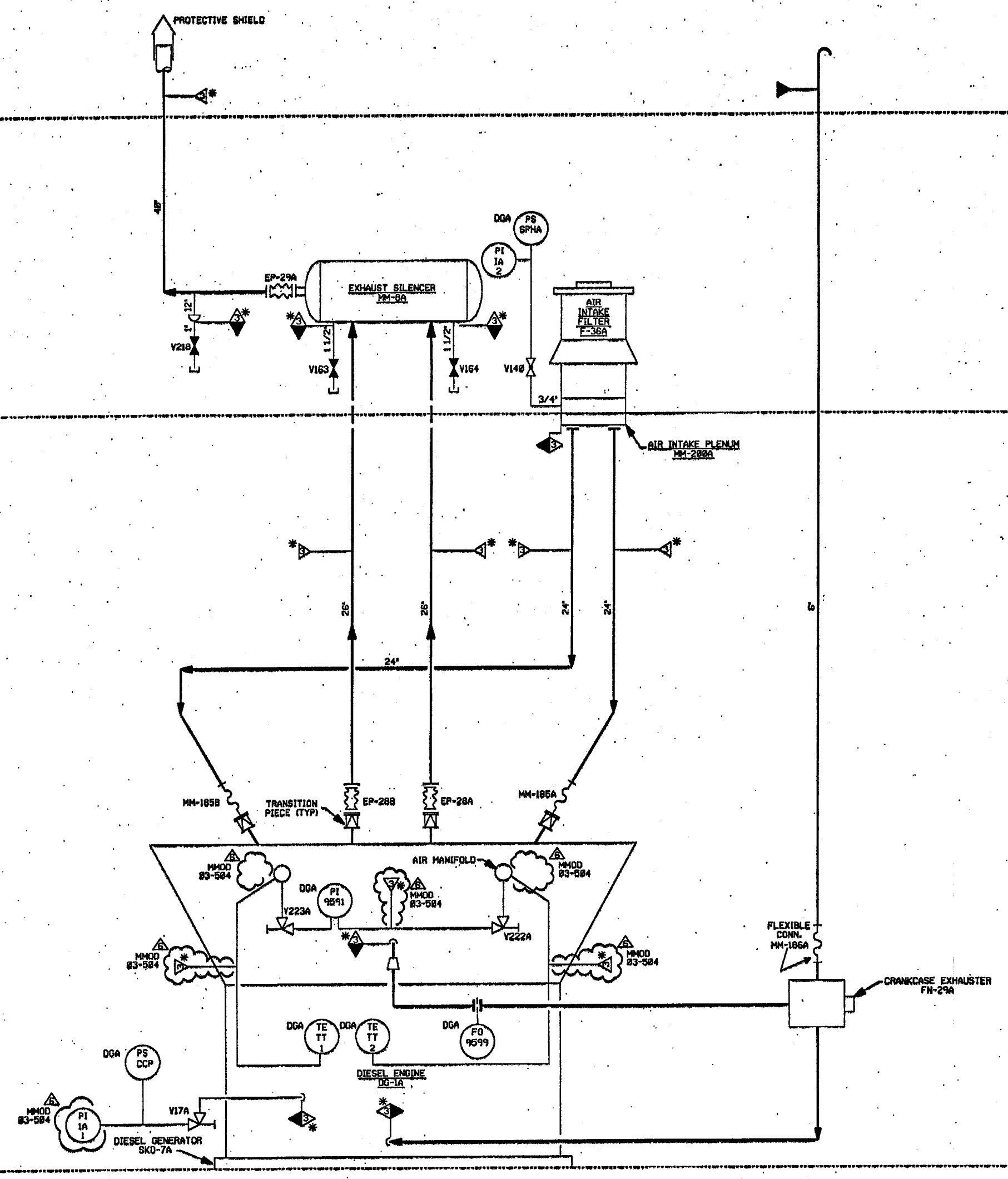
REV	DATE	DSGN	CHKD	CE	DESCRIPTION
13	09/31/06	EMERG. DG LUBE OIL SYS. SCHEMATIC			
9		EMERG. DG SKID UNIT GEN. ARRANG.			
16		D.G. FUEL & LUBE OIL PSI DIAGRAM			

PID-1-DG-B20462

FOR PAID REFERENCE DRAWINGS SYMBOLS AND ABBREVIATIONS REFER TO DRAWINGS PAID-LEGEND 1 AND PAID-LEGEND 2.

PORTIONS OF THIS DRAWING ARE
NUCLEAR SAFETY RELATED

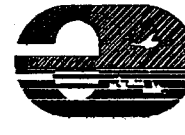
- NOTES:
1. WORK THIS DRAWING WITH DRAWINGS 20456, 20457, 20458, 20459, 20460, & 20461.
 2. ALL LINES, EQUIPMENT, COMPONENTS AND INSTRUMENTATION HAVE SYSTEM PREFIX DG, UNLESS OTHERWISE NOTED.
 3. DELETED
 4. VENT AND DRAIN CODE AND SAFETY CLASS BREAKS ARE AT THE DOWNSTREAM END OF THE OUTER ISOLATION VALVE PER DESIGN STANDARD 1-MY-00011, UNLESS NOTED OTHERWISE.
 5. Δ INDICATES REVISION LEVEL.



6	11/16/86	JM	WLS	INCORP M400 83-584 DCM 88
5	10/6/79	BCS	WFM	INCORP M400 989554 DCM 88A.R
4	7/30/77	WFM	BCS	INCORP M400 989558 DCM 81
3	4/2/76	BCL	WFM	INCORP. DCR 94-12 CAB & ADDED NOTE 5.
2	10/7/86	PNL	HAP	ADDED PIPE & CAP PER ERECTION ISO, ADDED DCA PER LEGAL PAID, ADDED FOREIGN PRINTS TO REF BLOCK
1	02/27/86	WAL	JDM	ISSUED FOR OPERATIONS
0	06/29/84	MNS	RSL	ISSUED FOR FIELD VERIFICATION
REV	DATE	DSGN	CHKD	DESCRIPTION

FP20589	89	EMERG DG INTX, EXT 4 & CRKC SCHEM
FP20983	88	EMERG DG AIR INLET FILTER QRY TYPE
FP20848	87	EMERG DG EXHAUST SIL, 148 INCH 26" INLETS
9763-F-202181	13	DIESEL GENERATOR AIR SYSTEM PAID
REF. DRAWING NO.	REV	TITLE

FPL ENERGY Seabrook Station

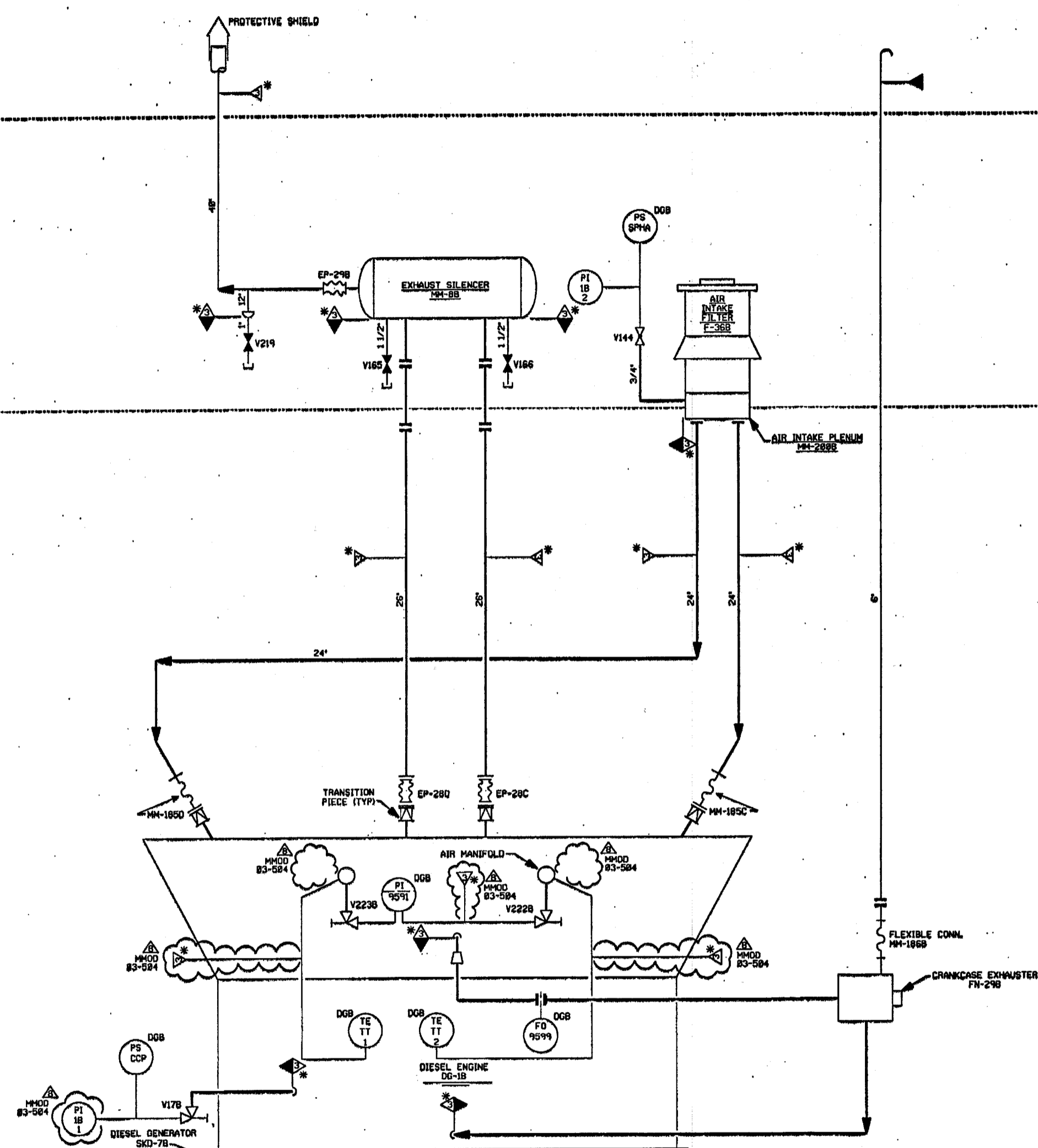


DIESEL GENERATOR INTAKE, EXHAUST & CRANKCASE VACUUM SYSTEM TRAIN 'A' DETAIL

PID- 1-DG-B20462

PID-1-DG-B20467

FOR PAID REFERENCE DRAWINGS, SYMBOLS AND ABBREVIATIONS REFER TO DRAWINGS PAID-LEGEND 1 AND PAID LEGEND 2.



PORTIONS OF THIS DRAWING ARE
NUCLEAR SAFETY RELATED

- NOTES:
1. WORK THIS DRAWING WITH DRAWINGS 28456, 28457, 28463, 28464, 28465, & 28466.
 2. ALL LINES, EQUIPMENT, COMPONENTS, AND INSTRUMENTS HAVE SYSTEM PREFIX DG, UNLESS NOTED OTHERWISE.
 3. DELETED.
 4. Δ INDICATES REVISION LEVEL.
 5. VENT AND DRAIN CODE AND SAFETY CLASS BREAKS ARE AT THE DOWNSTREAM END OF THE OUTER ISOLATION VALVE PER DESIGN STANDARD 1-MW-880311, UNLESS NOTED OTHERWISE.

REV	DATE	DSGN	CHKD	CE	DESCRIPTION
8	11/2/99	JM	BCS	CVE	INCRP MMOD 83-584 DCN 88
7	8/25/99	DWS	BCS	CVE	INCRP MMOD 96-554 DCN 88 & 81
6	7/28/97	MPV	BCS	VMS	INCRP MMOD 96-558 DCN 81
5	11/2/95	BCL	MPV	GRM	INCRP DCR 94-12 CAB & CAB1
4	5/11/92	MRS	BCL	GRM	INCRP MMOD 91-622 CAB
3	18/3/86	MVP	BCL	RRC	REVISED PER PIPING CONNECTION ISSUES & LATEST U.S. PAID LEGEND NOTE 1 & 2. UPDATES TO REF SYMBOLS DELETED & DESIGN FROM NOTE 1 ADDED LEGEND NOTE.
2	5/25/86	WAL	VNK	RRC	UPDATED PER LATEST U.S.A.C. PAID.
1	8/27/85	WAL	JOM	WFD	ISSUED FOR OPERATIONS
0	8/27/84	MNS	RSL	WFD	ISSUED FOR FIELD VERIFICATION

FPL ENERGY Seabrook Station

DIESEL GENERATOR
INTAKE, EXHAUST & CRANKCASE
VACUUM SYSTEM, TRAIN 'B'
DETAIL

PID- 1-DG-B20467

REF. DRAWING NO.	REV	TITLE
FP 28589	9	EMERG DG INTK, EXH & CRANKCASE VACUUM SYS
FP 28848	5	EMERG DG AIR INLET FILTER (DRY TYPE)
FP 28983	E	EMERG DG EXHAUST SILENCER 48 IN 26" INLET
9763-F-282181	13	D.G. AIR SYS. PAID