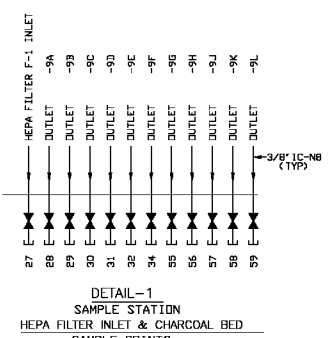


- NOTES**
1. ALL COMPONENT MARK NUMBERS PREFIXED 01-107 UNLESS OTHERWISE NOTED.
 2. ALL MANUAL VALVES PREFIXED 'DFG' UNLESS OTHERWISE NOTED.
 3. ALL FIELD TESTING EQUIPMENT BEYOND QUICK DISCONNECT COUPLINGS MAY BE PORTABLE AND IS USED ALSO FOR STANDBY GAS TREATMENT FILTER TESTING. INSTRUMENT AIR AND STACK CONNECTIONS ARE TO BE PROVIDED AND INSTALLED FOR CONVENIENT USE DURING FILTER TESTING.
 4. THE FILTER INLET AND OUTLET SAMPLE CONNECTIONS AND PIPING ARE ALSO TO BE INSTALLED AND ARRANGED TO PERMIT TAKING MILLIPORE FILTER SAMPLES TO TEST FILTER EFFICIENCY FOR RADIOACTIVE PARTICLE REMOVAL DURING OPERATION.
 5. OFF GAS MONITORS ARE LOCATED AT A POINT OF 2 TO 3 MINUTES MINIMUM DELAY TIME.
 6. REMOVABLE SPOOL PIECE TO INSERT IODINE FILTER AT STACK LADDER & SAMPLE OUTLET TO CALIBRATE GRADE LEVEL IODINE FILTER. THE FITTINGS, ETC. SHALL PROVIDE SMOOTH TRANSITIONS WITHOUT DISCONTINUITIES OR REDUCING THE CROSS-SECTIONAL AREA OF THE FLOW STREAM.
 7. OFF GAS PIPE IS TO BE EXTRA STRONG FOR STRAIGHT RUNS (OUTSIDE OF TURBINE ROOM AND STACK ONLY). ALL ELBOWS AND RETURN BENDS WITH ONE SECTION (20'-0" LONG) OF STRAIGHT PIPE UPSTREAM AND DOWNSTREAM TO BE SCHEDULED 60 PIPE (OUTSIDE OF TURBINE ROOM AND STACK ONLY). OTHERWISE PIPING IS TO BE DESIGNED FOR CLASS 150 PIPE SPECIFICATION.
 8. DO NOT WELD TO OFF GAS LINES UNLESS OFF GAS RECOMBINER IS IN CONTINUOUS USE OR AFFECTED LINES ARE PURGED WITH AIR.
 9. COMMON OFF GAS TROUBLE ALARMS (REF: ESK-101A, HG, 7A9, 7A9 LDA-1 & LDA-2 (RW) (CR)

- REFERENCE DRAWINGS**
- FLOW DIAGRAM SYMBOLS — FM-14A
 - FLOW DIAGRAM OFF GAS SYSTEM HOLD UP — G.E.9190224 (16.01-2)
 - PROCESS RADIATION MONITORING SYSTEM — G.E.719E4798A (16.17-11 & 12)
 - FLOW DIAGRAM OFF GAS SYSTEM 01-107-SH-2 — FM-16B
 - FLOW DIAGRAM POST ACID SAMPLING STATION — 7.57-65A
 - ARMSTRONG 1/4" ORIFICE COND. POT — 6.65-8
 - LIQUID DRAINERS 17-DR-104 — 6.65-8



SYSTEM INTENDED FUNCTION BOUNDARY

COMPONENTS SUBJECT TO AMR

STANDBY GAS TREATMENT SYSTEM AM-07

GA CAT. I, M, II/III

NUCLEAR SAFETY RELATED

JAMES A. FITZPATRICK
NUCLEAR POWER PLANT

FLOW DIAGRAM
OFF GAS
SYSTEM 01-107

DWG NO	NONE	REV	51
FM-16A			
SHEET 1 OF 1			

REVISIONS

REV NO	DATE	DESCRIPTION	DWG	CHK	RE	APP
51	10/18/00	AS-BUILT PER DCR-01-255	KHB	PJD	-	KH SKK
50	10/18/00	AS-BUILT PER DCR-99-322	KHB	PJD	-	PJD SKK
49	3/8/99	AS-BUILT PER DCR-98-502	RVB	KHB	-	KH TRM
48	10/14/98	AS-BUILT PER MOD. NO. M1-97-078	JB	DMC	-	PJD BKH

0 2-3-06

NO.	DATE	DESCRIPTION	BY	ENG	CHK	APP
REVISIONS						
LRA-FM-16A-0						
CAD FILE: LRA-FM-16A-51.DGN						
FM-16A-51.CAL						

