



1. SEE ENGINE ARRANGEMENT DWS. MCM-1301.00-0002 FOR ENGINE CONNECTION NUMBERS.
2. HIGH POINT VALVES ADDED BY CONSTRUCTION.
3. ALL PIPING CLASS C UNLESS OTHERWISE NOTED.
4. FUEL OIL TRANSFER PUMP BACK PRESSURE VALVE.
5. BACK PRESSURE RETURN VALVE (SET VALVE TO OBTAIN PROPER HEATER PRESSURE).
6. MILITARY BOILER FUEL LINE SHUT OFF VALVE. VALVE CLOSERS ON DIESEL START INITIATION AND REMAINS CLOSED UNTIL DIESELS ARE NO LONGER NEEDED.
7. FUEL OIL TRANSFER REGULATOR.
8. ALL COMPONENTS WERE NOT BUILT TO APPLICABLE CODES AND STANDARDS BUT WILL EITHER BE ANALYZED OR SEISMICALLY TESTED PRIOR TO BEING INSTALLED AT MCQUIRE.

9. F991 AIR WILL BE PNEUMATIC TESTED AT 10 PSIG WITH SOAP BUBBLES ON THE WELDS.

10. GENT SHOULD EXTEND 18 INCHES ABOVE THE OVERLAP LINE THROUGH CONNECTION.

DESIGN PARAMETERS				
NO.	PRESSURE	TEMPERATURE	CLASS	MATERIAL
01	0 PSIG	90° F	F	SS
1A	30 PSIG	90° F	C	SS
02	50 PSIG	90° F	C	SS
03	45 PSIG	90° F	C	SS
04	30 PSIG	90° F	G	SS
05	ATMOS	90° F	G	CS
10	30 PSIG	90° F	G	SS
11	12 PSIG	90° F	F	SS
12	45 PSIG	90° F	C	SS
13	45 PSIG	90° F	C	SS

[illegible]

NUCLEAR SAFETY RELATED			
DUKE POWER COMPANY			
MCQUIRE NUCLEAR STATION UNIT 1			
FLOW DIAGRAM OF			
DIESEL GENERATOR ENGINE 1B			
FUEL OIL SYSTEM (FO)			
DESIGNED BY: MCT/SL	DATE: 1/13/68	INSP. W/NO.	DATE:
DRAWN BY: CORDO	DATE: 1/27/68	INSP. BY: MCT/SL	DATE:
CHECKED BY: CORDO	DATE: 1/27/68	APPR. BY: WOOD	DATE:
SCALE	DWG. NO. NC-1609-3.1		

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