INFO. NOTE:
(REMOVE AT NEXT UPDATE)
REVISION CHANGE IN THE CLOUDED AREA WAS FOR COLORIZING THE LINE CLASS CODES (REF. DCN 22)

1" INLET X 1½" OUTLET RELIEF VALVE
PSV 1135 — DA1135
PSL 1137 — DA1137
PI 1136 — DA1136
FROM EMERGENCY DIESEL GENERATOR STARTING AIR COMPRESSORS — ¾"-HBC-78 — DA24 — DA26
40 CU. FT. SEE NOTE 5
T86-1 1-1-1
DA100 (SD) — DA30
PSL 3783 — SV 3783 — DA3783A — FC DA3783
RETURN TO EMERGENCY DIESEL GENERATOR STARTING AIR COMPRESSORS — ¼"-HBD-455 — ¾" — DA4 (SC) — ¼"-HBC-84
½"-HBC-79 — (D)
DA70 — (SC) (TYP.) — DA72 — (D)
Q (TYP.) (SC) (TYP.)
PCV 2987A — DA2987A — PCV 2987 — DA2987 — 2" — DA2987B — PI 2987
S 349 — 1½" — DA23 — ½"
1½" L.O. — DA12 — RELAY AIR VALVE — X — DA60 — DA11 — LUBRICATOR (TYP.)
SV 1147A — S — FC DA1147A
AIR MOTOR S 206-01 — AIR MOTOR S 206-02 — GEARS — ENGINE TURNING GEAR
TO GOVERNOR SERVOMOTOR

1" INLET X 1½" OUTLET RELIEF VALVE (TYP.)
PSV 1138 — DA1138
PSL 1140 — DA1140
FROM EMERGENCY DIESEL GENERATOR STARTING AIR COMPRESSORS — ¾"-HBC-78 — DA38 — DA40
40 CU. FT. SEE NOTE 5
T86-2 1-1-2
DA108 (SD) — DA44
PSL 3784 (TYP) RESET — SV 3784 — DA3784A — FC DA3784
RETURN TO EMERGENCY DIESEL GENERATOR STARTING AIR COMPRESSORS — ¼"-HBD-455 — ⅜" — DA6 (SC) — ¼"-HBC-84
(SC) OWNER — DA79 — (D) — DA81
PCV 2988A — DA2988A — PCV 2988 — DA2988 — 2" — DA2988B — PI 2988
S 350 — 1½" — DA24
1½" L.O. — DA9 — RELAY AIR VALVE — X — DA61 — DA10
SV 1147B — S — FC DA1147B
AIR MOTOR S 206-03 — AIR MOTOR S 206-04 — GEARS

K5-1

INFO. NOTE:
(REMOVE AT NEXT UPDATE)
REVISION CHANGE IN THE CLOUDED AREA WAS FOR COLORIZING THE LINE CLASS CODES (REF. DCN 22)

1" INLET X 1 1/2" OUTLET RELIEF VALVE
PSV 1141 — DA1141
PSL 1143 — DA1143
PI 1142 — DA1142
FROM EMERGENCY DIESEL GENERATOR STARTING AIR COMPRESSORS — ¾"-HBC-78 — DA25 — DA27
40 CU. FT. SEE NOTE 5
T86-3 1-2-1
DA107 (SD) — DA31
PSL 3785 — SV 3785 — DA3785A — FC DA3785
RETURN TO EMERGENCY DIESEL GENERATOR STARTING AIR COMPRESSORS — ¼"-HBD-455 — ⅜" — DA5 (SC) — ¼"-HBC-84
DA89 — (D)
PCV 2989A — DA2989A — XMP — PCV 2989 — 2" — DA2989B — PI 2989
S 351 — 1½" — DA25 — ½"
1½" L.O. — DA8 — RELAY AIR VALVE — X — DA62 — DA3
SV 1148A — S — FC DA1148A
AIR MOTOR S 207-01 — AIR MOTOR S 207-02 — GEARS — ENGINE TURNING GEAR
TO GOVERNOR SERVOMOTOR

1" INLET X 1 1/2" OUTLET RELIEF VALVE
PSV 1144 — DA1144
PSL 1146 — DA1146
FROM EMERGENCY DIESEL GENERATOR STARTING AIR COMPRESSORS — ¾"-HBC-78 — ¾"-HBC-59 (TYP.) — DA39 — DA41
40 CU. FT. SEE NOTE 5
T86-4 1-2-2
DA106 (SD) — DA45 (SC)
PSL 3786 — SV 3786 — DA3786A — FC DA3786
RETURN TO EMERGENCY DIESEL GENERATOR STARTING AIR COMPRESSORS — ¼"-HBD-455 — ⅜" — DA7 (SC) — ¼"-HBC-84
2"-HBC-60 (TYP.) — 2"-HBD-453 (TYP.)
(SC) OWNER — DA90 — (D)
PCV 2994A — DA2994A — PCV 2994 — DA2994 — 2" — DA2994B — PI 2994
S 352 — 1½" — DA26 — 1"-HBD (TYP.) — ½"
(SC) OWNER — DA26
1½" L.O. — DA1 — RELAY AIR VALVE — X — DA63 — DA2
SV 1148B — S — FC DA1148B
AIR MOTOR S 207-03 — AIR MOTOR S 207-04 — GEARS — ENGINE TURNING GEAR

K5-2

EMERGENCY DIESEL GENERATOR STARTING AIR RECEIVER

DIESEL GENERATOR AIR START SYSTEM (BY BGMD)

LEGEND (7)

- ASME SECTION XI CLASS 1 PIPING (RED)
- ASME SECTION XI CLASS 2 PIPING (BLUE)
- ASME SECTION XI CLASS 3 PIPING (GREEN)
- REFERENCE & CONTINUITY
- D—D— HVAC DUCT

[SIM2- REFERENCE TO THE PIPING ISOMETRIC DRAWING FOR DETAILS ON THE PIPING CONFIGURATION, AND THE LOCATION AND IDENTIFICATION OF WELDS AND SUPPORTS.

RESERVED FOR SPECIAL ISI REQUIREMENTS. (MAY BE) ACCOMPANIED BY SPECIFIC NOTES.

REFERENCE TO THE ISI ITEM NUMBER DESIGNATION USED IN THE FIRST 10 YEAR INSERVICE INSPECTION INTERVAL.

12 — ASME SECTION XI CLASS CHANGE

2 — ISI PROGRAM BOUNDARY

NOTES: (7)

1. DELETED
2. FOR ISI BOUNDARY DIAGRAM INDEX SHEET AND GENERAL NOTES, SEE ISI02-001.
3. FOR PIPING SYMBOLS AND P & ID INDEX, SEE DRAWING M-001.
4. UNLESS OTHERWISE NOTED, ALL VENT CONNECTIONS ARE ¾" AND DRAIN CONNECTIONS ARE 1". LINE IDENTIFICATION IS THE SAME AS THE HEADER.
5. WHERE NOTED THE TANK CAPACITY IS NOMINAL. WHERE APPLICABLE, SEE DB-PF-06705 (TANK LEVEL CALIBRATION CURVES) FOR INDICATED LEVEL VS. VOLUME RELATIONSHIP. (REF. PCAQR 96-0976).

DA3751A(B) — SILENCER — 24"-HBD-358 — 22"-HBD-359 — SILENCER — 24"-HBD-359 — EXHAUST
DA3752A(B) — 2" DRAIN
AIR — INTAKE FILTER — F108-01 F108-02 — DG
UNIT 1
UNIT 2

DIESEL GENERATOR AIR INTAKE & EXHAUST
(TYPICAL OF TWO)
EQUIPMENT NUMBERS FOR K5-2 IN PARENTHESIS

NO.	DATE	REVISIONS	BY	CH'K	ENGR.	ENGR. SUPV.	ENGR. MGR.
7	//	INC. DCN ISID2-017B-17 PER DCR 99-0001, ISID2-017B-20 PER ERR 60-0003-046; DCN ISID2-017B-21 PER ERR 60-0003-047 AND DCN ISID2-017B-22 PER DDR 00-1766	SBW				
6	01/30/95	INC. DCN ISID2-017B-12 & 15 PER FPR 93-1228-901 & ISID2-017B-16 PER RFA 94-0108	*INITIALS ON FILE*				
5	6/27/94	INC. DCN ISID2-017B-13 & 14 FOR FPR 93-1228-901	*INITIALS ON FILE*				
4	09/15/94	INC. DCN'S: ISID2-017B-10 FOR RFA 93-0472 AND ISID2-017B-11 FOR RFA 93-0452	*INITIALS ON FILE*				
3	01/15/93	INC. DCN'S ISID2-017B-3 THRU 6 FOR MOD 92-0013 SUPP.0	*INITIALS ON FILE*				
2	12/8/92	INC. DCN ISID2-017B-2 FOR DCR 90-0008	*INITIALS ON FILE*				
1	1/8/92	INC. DCN ISID2-017B-1 FOR DCR 91-0011	*INITIALS ON FILE*				
0	8/17/90	ISSUED FOR SECOND 10 YEAR ISI PROGRAM	DJR	TRN RJC	TWB	MGP	ECC

SCALE N.T.S. DESIGNED Drawn CB DATE

DAVIS-BESSE NUCLEAR POWER STATION
UNIT NO. 1 — 0
THE TOLEDO EDISON COMPANY

INSERVICE INSPECTION DIAGRAM
DIESEL GENERATORS AIR START

DRAWING NO. ISID2-017B — REV. 7

D-127