DWN-D-6
JACKET WATER STAND PIPE

DWN-G-24
KEEP WARM PUMP

DWN-G-18
COOLING WATER PUMP
(ENGINE DRIVEN)

DWN-D-28
EXPANSION TANK

DWN-E-7
COOLING WATER
HEAT EXCHANGER

OVERFLOW TO SUMP (DFN) 5169260 (A-1)

DWN-1683-1½"-A-4CCB

DWN-1681-2"-A-3ACB

DWN-D-28

DWN-1687-½"-A-3ACB

DIESEL ENGINE & AUXILIARY SKID LIMIT

DWN-1573-6"-A-3ACB
DWN-1569-6"-A-3ACB
DWN-1700-6"-A-3ACB
DWN-1702-6"-A-3ACB

DWN-A-14C
DWN-A-14D

DWN-E-7

DWN-1703-6"-A-3ACB
DWN-1701-6"-A-3ACB
DWN-1704-6"-A-3ACB
DWN-1705-6"-A-3ACB

DWN-A-14A
DWN-A-14B

DIESEL BUILDING WALL

TG & FROM MCC-1B

DWN-312

DWN-1971-1"-B-4BCB

CHEMICAL ADDITION

DWN-302

SERVICE WATER (SDW) 5169187 (B-12)

SDW-1572-½"-G-4BCB

DWN-301

DWN-1932-10"-H-3ACB

HS-144 (DCN) 5169264 (E-2)

DWN-1921-8"-H-3ACB

DWN-1568-10"-A-3ACB

DWN-1933-10"-H-3ACB

DWN-1922-8"-H-3ACB

DWN-1935-8"-H-3ACB

DWN-1567-10"-A-3ACB

DWN-310

DWN-308

DWN-1934-8"-H-3ACB

DWN-309

DWN-D-6

DWN-X-941
KEEP WARM
HEATER
NSR

DWN-G-18

DWN-1938-2½"-H-4ACB

DWN-304

DWN-1936-2"-H-3ACB

DWN-1937-1½"-H-3ACB

DWN-305

DWN-G-24
(NOTE 3)

DWN-307

DWN-306

DLN-E-16
LUBE OIL COOLER
(SEE DLN DWG 5169261)

DWN-1923-8"-H-3ACB

DWN-1927-8"-H-3ACB

DIESEL LUBE OIL (DLN) 5169261 (E-12)

DLN-8996-¾"-H-3ACB

DWN-1925-4"-H-3ACB

DWN-1930-4"-H-3ACB

DWN-1931-4"-H-3ACB

DWN-1926-4"-H-3ACB

DWN-1929-4"-H-3ACB

DWN-1924-4"-H-3ACB

DWN-1927-8"-H-3ACB

DCN-E-902
TURBOCHARGER AFTERCOOLER
(FRONT RIGHT)
(SEE DCN DWG. 5169264)

DCN-E-904
TURBOCHARGER AFTERCOOLER
(REAR RIGHT)
(SEE DCN DWG. 5169264)

DWN-1923-4"-H-3ACB

DWN-1928-4"-H-3ACB

DCN-E-903
TURBOCHARGER AFTERCOOLER
(FRONT LEFT)
(SEE DCN DWG. 5169264)

DCN-E-905
TURBOCHARGER AFTERCOOLER
(REAR LEFT)
(SEE DCN DWG. 5169264)

DCN-K-902
TURBOCHARGER
(SEE DCN DWG 5169264)

DCN-K-903
TURBOCHARGER
(SEE DCN DWG 5169264)

DWN-1932-10"-H-3ACB

DWN-1927-8"-H-3ACB

NOTE 2

DWN-9970-*-H-3ACB
(NOTE 1)

DWN-9971-*-H-3ACB

DWN-9975-*-H-3ACB

DWN-9977-*-H-3ACB

DIESEL ENGINE & AUXILIARY SKID LIMIT

NOTE 2

CYLINDER HEAD

DWN-9960-*-H-3ACB
DWN-9961-*-H-3ACB
DWN-9962-*-H-3ACB
DWN-9963-*-H-3ACB
DWN-9964-*-H-3ACB
DWN-9965-*-H-3ACB
DWN-9966-*-H-3ACB
DWN-9967-*-H-3ACB
DWN-9968-*-H-3ACB
DWN-9969-*-H-3ACB

DWN-8649-1"-H-3ACB
DWN-8649-1¼"-H-3ACB
DWN-8653-1"-H-3ACB
DWN-8647-1¼"-H-3ACB
DWN-8647-2½"-H-3ACB

DWN-8643-1½"-H-3ACB

DWN-8641-1½"-H-3ACB

EXHAUST MANIFOLD (TYP)

NOTE 5

DWN-313

4"X10" RED. FLG.

DWN-8640-4"-H-3ACB

DWN-8640-2½"-H-3ACB

DWN-8644-1½"-H-3AC3

DWN-8642-1½"-H-3ACB

DWN-8650-1"-H-3ACB

DWN-8652-1"-H-3ACB

DWN-8648-1¼"-H-3ACB

DWN-8649-1"-H-3ACB

DWN-8661-2"-H-3ACB
DWN-8660-2"-H-3ACB

DWN-8658-1"-H-3ACB

DWN-9974-*-H-3ACB

DCN-K-904
TURBOCHARGER
(SEE DCN DWG 5169264)

DWN-8683-1¼"-H-3ACB
DWN-8684-1"-H-3ACB
DWN-8656-1"-H-3ACB
DWN-8657-1"-H-3ACB

DWN-8674-2"-H-3ACB
DWN-8644-1½"-H-3ACB
DWN-8675-2"-H-3ACB
DWN-8676-2"-H-3ACB
DWN-8677-2"-H-3ACB
DWN-8678-2"-H-3ACB
DWN-8654-3"-H-3ACB
DWN-8651-2"-H-3ACB
DWN-8679-2"-H-3ACB
DWN-8580-2"-H-3ACB
DWN-8681-2"-H-3ACB
DWN-8682-2"-H-3ACB

DWN-8683-1"-H-3ACB

DWN-9973-*-H-3ACB

DCN-K-905
TURBOCHARGER
(SEE DCN DWG 5169264)

DWN-9950-*-H-3ACB
DWN-9951-*-H-3ACB
DWN-9952-*-H-3ACB
DWN-9953-*-H-3ACB
DWN-9954-*-H-3ACB
DWN-9955-*-H-3ACB
DWN-9956-*-H-3ACB
DWN-9957-*-H-3ACB
DWN-9958-*-H-3ACB
DWN-9959-*-H-3ACB

DWN-9976-*-H-3ACB

NOTE 2

DIESEL ENGINE & AUXILIARY SKID LIMIT

NOTES:
1. * INDICATES UNKNOWN LINE SIZE
2. INLET WATER PIPING INACCESSABLE AND NOT VERIFIED
3. IMPELLER AND MOTOR ARE NSR
4. ALL ANNUNCIATORS AND ALARMS ARE NSR
5. INACCESSIBLE AND NOT FIELD VERIFIED

PRC APERTURE CARD

SAFETY RELATED
EXCEPT AS NOTED
(SREAN)

DWN

5169100	P & I DIAGRAM LEGEND SH 1
5169101	P & I DIAGRAM LEGEND SH 2
5149192	DIESEL GEN. PNEUMATIC SCHEMATIC

REFERENCE DRAWINGS

NO.	REVISIONS	M	DATE	P.E.	Q.A.E.	SUPV.	APPROVED	ENGR.	CK'D	MADE	J.O. NO.
	ISSUED AS BUILT SUPERSEDES 5154033	M	4-4-83	RED	NT					JB	8252

5154033
2/25/83

LOCATION: SAN ONOFRE NUCLEAR GEN. STA. UNIT 1

P & I DIAGRAM
DIESEL #2
COOLING WATER SYSTEM

SCE EDISON

M

SCALE: NONE

5169262-0

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Docket # 50-206
Control # 8306100111
Date 6-07-83 of Document
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Southern California Edison Company

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