FOR DIESEL GENERATOR BLDG & RELATED FACILITIES & LOCATION OF DSD EQUIPMENT STORAGE SEE DWG. 5149208

CONTROL FENCE

AREA RADIATION MONITOR SAMPLING STATION

STATION SERVICE TRANSFORMER #3

STATION SERVICE TRANSFORMER #1

SCAFFOLDING STORAGE AREA. SEE DWGS. 142620, 142621 & 142622

CONTAINMENT SPHERE OUTLINE @ EL. 20'-0"

PERSONNEL ESCAPE LOCK

PERSONNEL ESCAPE OPENING

EXCESS LETDOWN HEAT EXCH. - E-33

REGENERATIVE HEAT EXCH. E-13

REACTOR SUMP PUMP G-32

SPHERE SUMP PUMPS

BLOWER A-9

BLOWER A-95

REACTOR SHIELDING

REACTOR VESSEL C-1

RESIDUAL HEAT EXCHANGER PUMPS

SPHERE & TURBINE

REACTOR COOLANT LOOP BETWEEN STM. GEN. & PUMP

DRAIN PUMP

PRESSURIZER INST. CABINET R-13

PRIMARY SYSTEM DRAIN TANK C-32

PRESSURIZER C-3

PRESSURIZED RELIEF TANK C-16

SAFETY INJ. ELECTRIC PUMP

RESIDUAL HEAT EXCHANGERS

THERMAL BARRIER EMERGENCY CLG. PMP.

CLERICAL SUPT.

CLERICAL OFFICE

LOBBY

BATTERY ROOM

D.C. SWITCHGEAR

STATION RECORDS

LOCKERS

MAIN

SHIFT FOREMAN MAINT

RELAY BOARD

SWITCHGEAR AND CABLE TREADING

4160V SWGR

PRESS. DISTR. PNL.

480V SWITCHGEAR #3

MCC #1

ROD CONTROL

H.V. BOARD

SWGR FRONT

SWGR REAR

RECTIFIER

CONTROLLED ENTRY

HEALTH PHYSICS

SAMPLE STA.

RAMP (EL. 15'-0" TO EL. ...)

EL. 23'-6"

(S.R.) LUBE OIL COOLER C-10 AA (E)

F.W. PUMP G-3A(E)

PLATF. EL. 22'-0"

3RD PT. HEATER DRAIN PUMP G-36A(E)

REHEATER DRAIN RECEIVER C-24A (@ EL. 8'-6")

PLATF. EL. 23'-6"

LUBE OIL CONDITIONER X-48

LUBE OIL COOLER E-44 E-45

LUBE OIL RESERVOIR D-12

MAIN STEAM

CHEM. FEED

G-47

G-48A

G-40

G-48(W)

G-48(S)

DIV. FILTER

PLATF. EL. 30'-0"

A.C. AUX. OIL PUMP G-5

A.C. T.G. OIL PUMP

D.C. EMERGENCY OIL PUMP G-31

PLATF. EL. 34'-9"

M.S. BLOCK VALVE

L.O. CENTRIFUGE X-15

L.O. TRANSFER PUMP G-7

LUBE OIL CIRC. PUMP

REHEATERS A (NE) B (SW)

REHEATERS C (NW) D (SW)

REHEATER DRAIN RECEIVER E-24 B (@ EL. 8'-6")

3RD PT. HEATER DRAIN PUMP G-36 B(W)

PIT EL. 8'-6"

FLASH EVAP. COND. PUMP G-38 A(E)

PLATF. EL. 22'-0"

FLASH EVAP. COND. PUMP G-38 B(W)

SAWDUST INJECTOR

AIR FILTERS A, B & C X-49

AIR DRYER X-47

AIR COMPRESSORS

AIR COMPRESSOR AFTERCOOLER

FLOOR EL. 16'-0"

AUX. F.W. PUMP G-10

FW PUMP G-3B(W)

(S.R.) LUBE OIL COOLER C-10 BB (W)

AUX. F.W. PUMP G-10S

MOTOR CONTROL CENTER #2

W 5+54.10

EMERGENCY AIR COMPRESSOR K-12

MATCH LINE

SAMPLE DRAIN TANK

HOTWELL LEVEL CONTROL TANK C-9

CONDENSER E-2A (N)

CONDENSER E-2B (S)

SUMP PUMPS G-35

E.L. 5'-6"

COND. PUMP G-1A (NE)

COND. PUMP G-1B (SE)

COND. PUMP G-1C (NW)

COND. PUMP G-1D (SW)

AIR EJECTOR E-22A(E)

AIR EJECTOR E-22B (W)

GLAND STEAM CONDENSER E-29A (E)

GLAND STEAM CONDENSER E-29B (W)

VACUUM PUMP X-7A(E) (@ EL. 8'-6")

VACUUM PUMP X-7B(W) (@ EL. 8'-6")

PLATF. EL. 21'-6"

EL. 8'-6"

EL. 14'-0"

PLATE EL. 21'-0"

PIPE TRENCH

VAPOR EXTRACTOR

H2 CONTROL PANEL

H2 PRESSURE CONTROL

H2 DRYER

CO2 CONTROL MANIFOLD

MOTOR CONTROL CENTER NO. 4

CHAIN LINK FENCE

4 TAKE-OFF TOWER

MAIN TRANSF.

AUX. TRANSF. "A"

AUX. TRANSF. "B"

D.E. TOWER

EL 20'-0"

Y83 - MOV 850C INVERTER & BATTERY CHARGER

14'-0"

CO2 STORAGE

EYE & BODY SPRAY MOBIL UNIT

GEN. NEUTRAL GROUND RESISTOR

MOTOR CONTROL CENTER NO. 3

EXCITER

SEAL AMBOG D.C. STARTER

H2 SEAL OIL UNIT

MT3-A (B&E)

POWER SYSTEM STABILIZER EXCITATION SWITCHGEAR

W 6 + 75.00

D20 U.P.S. BATTERY BANK

SPARE "C" TRANS.

138 KV TAKE-OFF TOWERS

STA. AUX. TRANS. "C"

RAILROAD TRACK

S 13+32.94

CONDENSATE STORAGE TANK D-2

W-5+85.5'

H2 CYLINDER STORAGE

OIL SEPARATOR

W. 5 + 56.13 WHEEL STOP

S 11+97.00

S 11+80.00

SWGR #4 S.A.

4 KV DIST SW. BOARD

MITCHELL LANDOUT ENGR. (WALL MTD.)

FUEL STORAGE RACKS

PRESS HEATER DISTR PANEL #2

480V SWITCHGEAR NO1 NO2

VENT STACK

RADIATION MONITORS

BLOWDOWN TANK C-12

A-21

A-22

A-24

VENTILATION EQUIPMENT ROOM.

PIPE TRENCH TO REACTOR AUXILIARY BUILDING

W 5+69.33

UNIT NO. 1

SAFETY RELATED AS NOTED

NO.	REVISIONS	DATE	APPROVED	O.K.	O.K.	CHECKED	MADE	J.O.No.
13	AS BUILT BY FLUOR; INC. DCN 14 (AS 2830) & DCN 15 (DCPI-3552 & 3553)	10-4-91	KR	—	SMOG	LS	ABS	—
12	AS BUILT BY FLUOR, INC. DCN. 12 (PFC 1-87-3481)	9-5-90	GK	—	SMOG	LS	ABS	—
11	AS BUILT - INCORP DCN # 11	11-15-87				AR	AAR	5881
10	AS-BUILT, INCORP. DCN # 10	10-14-86					LMM	5881
14	AS BUILT BY FLUOR; INC. DCN 15 (DCPI-3552 & 3553)	12-7-90	KR	—	SMOG	LS	ABS	—

	REVISIONS	DATE	APPROVED	O.K.	O.K.	CHECKED	MADE	J.O.No.
1	GENERAL REVISION.	9-22-66						
0	ISSUED FOR CONSTRUCTION	4-13-66						
D	GENERAL REVISIONS	9-9-65						
C	GENERAL REVISIONS	10-7-65						
B	GENERAL REVISIONS	11-4-64						
A	ISSUED FOR PRELIMINARY INFORMATION	4-21-64						

BECHTEL CORPORATION
ENGINEERS & CONSTRUCTORS
LOS ANGELES, CALIF.

JOB NO. 3246 | DATE 12-22-64 | APPROVED

CROSS REFERENCES

LOCATION SAN ONOFRE NUCLEAR GENERATING STATION

GENERAL ARRANGEMENT PLAN OF ELEV. 14'-0"

SOUTHERN CALIFORNIA EDISON COMPANY
SCALE 3/32" = 1'-0" LOS ANGELES, CALIF.

568701-14

Amended: June 2010