

Revision 2  
March 27, 1984  
(with Addenda 6/3/85)

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# ***Control Room Design Review***

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## ***Criteria Report***

The South Texas Project



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HOUSTON LIGHTING & POWER COMPANY



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**CONTROL ROOM  
DESIGN REVIEW**

APPENDIX L

STANDARD ABBREVIATIONS LIST FOR ALL STP LABELING

Revision 3 6/3/85

L-1

2.3.11/04305  
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## INTRODUCTION

When using the abbreviation list, the following general principles should be applied:

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- A. More than one abbreviation per term should be avoided (note that in those cases where more than one abbreviation per term has been included the preferred abbreviation is listed first.) This is not to say that all the listed alternatives are acceptable. The primary reason for this approach is to maintain and encourage consistency and to avoid multiple forms for the same term.
- B. Words of four character length or shorter should not be abbreviated.
- C. Two character abbreviations should generally be avoided because of readability problems and the increased probability of having one abbreviation for two or more terms. When a requirement for two character abbreviations cannot be avoided, extreme care should be taken to avoid conflict with existing abbreviations.
- D. Words endings such as -ed, -ing, -s, and -es should not be included in an abbreviation, using instead the root word or its abbreviation. If such endings must be used, avoid ambiguity: for example, since "ROOM" is "RM" and "Radiation Monitor System" is "RMS," the latter should not be used for "ROOMS". Instead, if "ROOMS" must be abbreviated in its plural form, an apostrophe (i.e., "RM'S") should be used.



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- E. There may be cases when an abbreviation is not practical. The following criteria should be used for making this determination:
1. The word is infrequently used.
  2. The abbreviation is not a significant decrease in the total number of characters.
  3. The only acceptable abbreviation has too many totally different terms associated with it.
- F. There are cases where terms/words are most familiar as abbreviations instead of being spelled out (e.g. HVAC instead of Heating, Ventilation, & Air Conditioning). These abbreviations are noted by an asterisk (\*) and should always be used even if space would permit the spelling out of the words.





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## CONTROL ROOM DESIGN REVIEW

### A LIST OF ACRONYMS, ABBREVIATIONS AND TERMS<sup>1</sup>

<u>Abbreviation</u>	<u>Meaning</u>
ABS	ABSOLUTE
ABV	ABOVE
A/C	AIR CONDITIONING
AC*	ALTERNATING CURRENT
ACC	ACCUMULATOR
ACCEL	ACCELERATION
ACCID	ACCIDENT
ACKN	ACKNOWLEDGE
ACP	AUXILIARY CONTROL PANEL
ACT	ACTIVE/ACTIVATED/ACTUATE/ACTUATOR/ACTIVITY
ACW	AUXILIARY COOLING WATER
ADD	ADDITIVE
ADJ	ADJUST/ADJUSTMENT/ADJUSTER
ADMIN	ADMINISTRATION
ADPTR	ADAPTER
ADV	ADVANCE
AFT	AFTER
AFTCLR	AFTERCOOLER
AFW*	AUXILIARY FEEDWATER
AFWP*	AUXILIARY FEEDWATER PUMP
AFWPT	AUXILIARY FEEDWATER PUMP TURBINE
AFWS*	AUXILIARY FEEDWATER SYSTEM
AFWST	AUXILIARY FEEDWATER STORAGE TANK

<sup>1</sup> This list includes abbreviations from the "Procedure/Engraving Abbreviations" list from STP Nuclear Operations, 10/11/82.

\* Denotes abbreviations that should be used as abbreviations, even when space would permit spelling out the word.



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AHU*	AIR HANDLING UNIT	3
AIES	AIR INTAKE AND EXHAUST SYSTEM	
AIRB	AIRBORNE	
ALM	ALARM	
ALR	ALERT	3
ALT	ALTERNATE/ALTERNATOR	
AMB	AMBIENT	
AMP*	AMPERES	
AMPL	AMPLIFIER	
ANNUN*	ANNUNCIATOR	
AOV	AIR-OPERATED VALVE	
ARM	AREA RADIATION MONITOR	
ASP	AUXILIARY SHUTDOWN PANEL	
ASR	AUXILIARY SHUTDOWN ROOM	
ASSOC	ASSOCIATED	
ASSY	ASSEMBLY	
ATM	ATMOSPHERE/ATMOSPHERIC	
ATWS	ANTICIPATED TRANSIENT WITHOUT SCRAM	
AUCT	AUCTIONEER	
AUTO*	AUTOMATIC	
AUX*	AUXILIARY	
AUXBLR	AUXILIARY BOILER	
AVAIL	AVAILABLE	
AVG*	AVERAGE	



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BA	BORIC ACID
BAL	BALANCE
BANK	CONTROL ROD BANK
BAR	BARRIER
BAT	BORIC ACID TANK
BATCH	BATCHING
BATT	BATTERY
B <sub>10</sub> /B	BORON
BCK	BACK
BCV	BYPASS CONTROL VALVE
BI	BORON INJECTION
BK	BANK
BKR	BREAKER
BKW	BACKWASH
BLD	BLEED
BLDG*	BUILDING
BLK	BLOCK
BLKD	BLOCKED
BLR*	BOILER
BLU	BLUE
BLWDN	BLOWDOWN
BLWDNFT	BLOWDOWN FLASH TANK
BOD	BIOCHEMICAL OXYGEN DEMAND
BOOST	BOOSTER
BOOSTPMP	BOOSTER PUMP
BOP	BALANCE OF PLANT
BOT	BOTTOM
BPC	BYPASS CONTROL
B&PV	BOILER AND PRESSURE VESSEL
B/S	BISTABLE
BPRA	BURNABLE POISON ROD ASSEMBLY



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BRG*	BEARING	
BRNCH	BRANCH	
BRS	BORON RECYCLE SYSTEM	
BRSH	BRUSH	
BRTG AIR	BREATHING AIR	
BSCV	BYPASS STOP AND CONTROL VALVE	
BTFL	BUTTERFLY	
BTR	BORON THERMAL REGENERATION	3
BTRS*	BORON THERMAL REGENERATION SYSTEM	
BTU	BRITISH THERMAL UNIT	
BTV	BLEEDER TRIP VALVE	
B/U	BACKUP	
BYP	BYPASS	3



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3	C*	CENTIGRADE//DEGREES CENTIGRADE
	C <sub>b</sub>	BORON CONCENTRATION
3	C/L	CENTERLINE
	C/U	CLEANUP
	CAB	CABINET
	CAL	CALIBRATION/CALIBRATE
	CARR	CARRIER
	CAT	CHEMICAL ADDITION TANK
	CAV	CAVITY
	CBP	CONDENSATE BOOSTER PUMP
	CC	CUBIC CENTIMETER
3	CCE	CONTAINMENT CUBICLE EXHAUST
	CCF	CONTAINMENT CARBON FILTER
	CCG	CONTAINMENT COMBUSTIBLE GAS
	CCP	CENTRIFUGAL CHARGING PUMP
	CCS	CONTAINMENT COOLING SYSTEM
	CCTV	CLOSED CIRCUIT TELEVISION
	CCW	COMPONENT COOLING WATER
3	CENT	CENTRIFUGAL
	CFM*	CUBIC FEET PER MINUTE
	CFS*	CUBIC FEET PER SECOND
	CGCS	COMBUSTIBLE GAS CONTROL SYSTEM
	CH	CHANNEL
	CH A	CHANNEL A
3	CH B	CHANNEL B
	CH C	CHANNEL C
	CH D	CHANNEL D
	CHAR	CHARCOAL
	CHEM	CHEMICAL
	CHEMWST	CHEMICAL WASTE
	CHG	CHARGE/CHARGING
	CHGR	CHARGER



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CHK	CHECK
CHL	CHILL
CHLD	CHILLED
CHLOR	CHLORINATION/CHLORINE
CHLR	CHILLER
CHMBR	CHAMBER
CHR	CONTAINMENT HEAT REMOVAL
CHRS	CONTAINMENT HEAT REMOVAL SYSTEM
CHWS	CHILLED WATER SYSTEM
CI	CURIE
CIA	CONTAINMENT ISOLATION PHASE A
CIB	CONTAINMENT ISOLATION PHASE B
CIRC*	CIRCULATING/CIRCULATION
CIS	CONTAINMENT ISOLATION SYSTEM/ CONTAINMENT ISOLATION SIGNAL
CIV	CONTAINMENT ISOLATION VALVE
CK	CHECK
CKCS	CRANKCASE
CKT*	CIRCUIT
CL <sub>2</sub> /CL2	CHLORINE
CLDN	COOLDOWN
CLG*	COOLING
CLNG	CLEANING
CLNR	CLEANER
CLR	COOLER
CLS	CLOSED/CLOSURE
CLSDLP	CLOSED LOOP
CMP	COMPENSATED
CMPTR	COMPUTER
CNDCT	CONDUCTIVITY
CNDSR	CONDENSER
CNTMT	CONTAINMENT

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## CONTROL ROOM DESIGN REVIEW

CO <sub>2</sub> */CO <sub>2</sub>	CARBON DIOXIDE
COLL	COLLECTING/COLLECTOR/COLLECTION
COMB	COMBINED
COMM	COMMON
COMP	COMPONENT
COMPART	COMPARTMENT
COMPR*	COMPRESSOR
CONC*	CONCENTRATION/CONCENTRATED/CONCENTRATES
COND*	CONDENSATE
CONF	CONFIRMED
CONN	CONNECTION
CONT	CONTROL
CONTAM	CONTAMINATION
CONTR	CONTROLLER
CONV	CONVERTER
CONVC	CONVECTION
COOL	COOLANT
CP	CONTROL PANEL
CPDS	CONDENSATE POLISHING DEMINERALIZER SYSTEM
CPLG	COUPLING
CPM	COUNTS PER MINUTE
CPR	CONDENSATE POLISHING REGENERATION
CPRW	CONDENSATE POLISHING REGENERATIVE WASTE
CPS	COUNTS PER SECOND
CR	CONTROL ROOM
CRBN	CARBON
CRD	CONTROL ROD DRIVE
CRDM	CONTROL ROD DRIVE MECHANISM
CRDS	CONTROL ROD DRIVE SYSTEM
CREL	CONTROL RELAY
CRIT	CRITICAL
CRS	CONTAINMENT RADIATION SIGNAL
CRT	CATHODE RAY TUBE

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DESIGN REVIEW**

CS	CONTAINMENT SPRAY
CSAS	CONTAINMENT SPRAY ACTUATION SIGNAL
CSG	CASING
CSP	CONTAINMENT SPRAY PUMP
CSS	CONTAINMENT SPRAY SYSTEM
CST	CONDENSATE STORAGE TANK
CSW	CONTROL SWITCH
CTR	CENTER
CUB	CUBICLE
CUR	CURRENT
CV	CONTROL VALVE
CVCS*	CHEMICAL VOLUME CONTROL SYSTEM
CVH	CONTAINMENT VENT HEADER
CVI	CONTAINMENT VENTILATION ISOLATION
CVP	CONDENSER VACUUM PUMP
CW	CIRCULATING WATER
CWP*	CIRCULATING WATER PUMP
CWS	CIRCULATING WATER SYSTEM
CYL	CYLINDER





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	DBA	DESIGN BASIS ACCIDENT
3	DC*	DIRECT CURRENT
	DD	DIESEL/DRIVEN
	DE	DIESEL/ENGINE
	DEAER	DEAERATOR
	DECON	DECONTAMINATE/DECONTAMINATION
	DEF	DEFEAT
3	DEG*	DEGREES
3	DEMIN*	DEMINERALIZER
	DESUPHT	DESUPERHEAT/DESUPERHEATER
	DET	DETECTED/DETECTION/DETECTOR
	DEV*	DEVIATION
	DEWPT	DEW POINT
	DF	DECONTAMINATION FACTOR
	DG	DIESEL GENERATOR
3	DGB	DIESEL GENERATOR BUILDING
	DGCAIES	DIESEL GENERATOR COMBUSTION AIR INTAKE AND EXHAUST SYSTEM
	DGF	DIESEL GENERATOR FUEL
	DGFOSTS	DIESEL GENERATOR FUEL OIL STORAGE AND TRANSFER SYSTEM
	DGTL	DIGITAL
	DIAPH	DIAPHRAGM
	DIFF	DIFFERENCE/DIFFERENTIAL
	DIL	DILUTE/DILUTION
	DISC	DISCONNECT
	DISCH	DISCHARGE
	DISP	DISPLACE
	DIST	DISTRIBUTION
	DIV	DIVISION
	DLVL	DIFFERENTIAL LEVEL
1	DMPR/DAMP	DAMPER



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DN	DOWN
DN SC	DOWNSCALE
DOM	DOMESTIC
DP	DIFFERENTIAL PRESSURE
DPM	DECADES PER MINUTE/DISINTEGRATIONS PER MINUTE
DRN	DRAIN
DRPI	DIGITAL ROD POSITION INDICATION
DRV	DRIVE/DRIVEN
DRYR	DRYER
DSL	DIESEL
DSLVD	DISSOLVED
DSTL	DISTILLATE
DT	DIFFERENTIAL TEMPERATURE
DVC	DEVICE
DVRT	DIVERT/DIVERSION
DWS	DEMINERALIZED WATER SYSTEM
DWST	DEMINERALIZED WATER STORAGE TANK



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E	EAST
EAB	ELECTRICAL AUXILIARY BUILDING
ECC	EMERGENCY CORE COOLING
ECCEN*	ECCENTRICITY
ECCS	EMERGENCY CORE COOLING SYSTEM
ECON	ECONOMIZER
ECF	ESSENTIAL COOLING POND
ECTS	EFFLUENT CHEMICAL TREATMENT SYSTEM
ECW	ESSENTIAL COOLING WATER
EDT	EQUIPMENT DRAIN TANK
EDUCT	EDUCTOR
EER	ELECTRIC EQUIPMENT ROOM
EES	EMERGENCY EXHAUST SYSTEM
EFDS	EQUIPMENT AND FLOOR DRAIN SYSTEM
EFL	EFFLUENT
EFLTR	EFFLUENT FILTER
EH	ELECTRO-HYDRAULIC
EHC	ELECTRO-HYDRAULIC CONTROL
EL	ELEVATION
ELEC	ELECTRIC/ELECTRICAL
EMER*	EMERGENCY
EMERFLTR	EMERGENCY FILTER
EMS	EMERGENCY SERVICE
ENCL	ENCLOSURE
ENG	ENGINE
ENT	ENTER/ENTERING
EQUIP	EQUIPMENT
ERF DADS	EMERGENCY RESPONSE FACILITIES DATA ACQUISITION AND DISPLAY SYSTEM
ES	ENGINEERED SAFEGUARDS
ESCWS	ESSENTIAL SERVICES CHILLED WATER SYSTEM
ESF	ENGINEERED SAFETY FEATURE



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ESS	ENGINEERED SAFEGUARDS SYSTEMS
ESSEN	ESSENTIAL
EST	ESTIMATED
ET	EMERGENCY TRANSFORMER
EVAL	EVALUATION
EVAP	EVAPORATOR/E VAPORATION
EXC	EXCITER
EXCH	EXCHANGE
EXCS	EXCESS
EXCT	EXCITATION
EXH*	EXHAUST
EXP	EXPANSION
EXPTK	EXPANSION TANK
EXTD	EXTENDED
EXTR	EXTRACTION

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## CONTROL ROOM DESIGN REVIEW

3	F	FAHRENHEIT/DEGREES FARENHEIT
	F/ACT	FAIL TO ACTUATE
	FAIL	FAILURE
	FBKR	FEEDER BREAKER
3	F/CLOSE/FTC	FAIL TO CLOSE
	FCV	FLOW CONTROL VALVE
	FD	FEED
	FDR	FEEDER
	FDRFT	FORCED DRAFT
	FDT	FLOOR DRAIN TANK
3	FFD	FAILED FUEL DETECTOR
	FHB	FUEL HANDLING BUILDING
	FHS	FUEL HANDLING SYSTEM
	FI	FLOW INDICATOR
	FIS	FLOW INDICATING SWITCH
	FLD	FIELD
	FLNGE	FLANGE
3	FLR	FLOOR
	FLSH	FLASH
	FLTR	FILTER
	FLX	FLUX
3	FM	FROM
	FN	FAN
	FO	FUEL OIL
3	F/OPEN/FTO	FAIL TO OPEN
	FOPN	FULLY OPEN
	FPMP	FEED PUMP
	FPS	FEET PER SECOND
	FPT	FEED PUMP TURBINE
	FR	FLOW RECORDER
	FREQ	FREQUENCY
	FRNT	FRONT



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DESIGN REVIEW**

F/STRT	FAIL TO START
F/STOP	FAIL TO STOP
FT*	FOOT/FEET
FTS	FUEL TRANSFER SYSTEM
FUNC	FUNCTION/FUNCTIONAL
FW	FEEDWATER
FWD	FORWARD
FWIV	FEEDWATER ISOLATION VALVE
FWS*	FEEDWATER SYSTEM



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DESIGN REVIEW**

3 ■

GD	GUARD
GEN	GENERATOR
GL	GLAND
GND	GROUND
GOV	GOVERNOR
GP	GROUP
GPM*	GALLONS PER MINUTE
GR	GROSS
GRAD	GRADIENT
GRBX	GEARBOX
GRN	GREEN
GRP	GROUP
GUID	GUIDE
GWPS	GASEOUS WASTE PROCESSING SYSTEM



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## CONTROL ROOM DESIGN REVIEW

HC	HAND CONTROLLER	
HCV	HAND CONTROL VALVE	
HD	HEAD	
HDP	HEATER DRIP PUMP	
HDR	HEADER	
HELBA	HIGH ENERGY LINE BREAK ACCIDENT	3
HEPA	HIGH EFFICIENCY PARTICULATE AIR	
HG	MERCURY	
HH	HIGH HEAD	
HHSI	HIGH HEAD SAFETY INJECTION	
HI	HIGH	
HIVOLT	HIGH VOLTAGE	
HJTC	HEATED JUNCTION THERMOCOUPLE	
H/L/HI/LO	HIGH/LOW	3
HNDLG	HANDLING	
HORIZ	HORIZONTAL	
HOTWL	HOTWELL	
HOTWTR	HOT WATER	
HOUS	HOUSE	
HP	HIGH PRESSURE	
HP	HORSE POWER	
H. P.	HEALTH PHYSICS	
HPU	HYDRAULIC POWER UNIT	
HR	HOURLY	
HT	HEAT	
HTG	HEATING	
H <sub>2</sub> /H2	HYDROGEN	3
HTR*	HEATER	
H/U	HEATUP	
HUM	HUMIDITY	
HVAC*	HEATING, VENTILATION, & AIR CONDITIONING	





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HX*	HEAT EXCHANGER
HYD	HYDRAULIC
HYPCHL	HYPERCHLORIDE/HYPERCHLORINATED
HZ*	HERTZ



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DESIGN REVIEW**

IA	INSTRUMENT AIR
IAS	INSTRUMENT AIR SYSTEM
ICC	INADEQUATE CORE COOLING
ICIV	INSIDE CONTAINMENT ISOLATION VALVE
I&C	INSTRUMENTATION AND CONTROL
ILRT	INTEGRATED LEAK RATE TEST
IMP	IMPULSE
IMPL	IMPELLER
IN HG VAC	INCHES MERCURY VACUUM
INACT	INACTIVE
INBD	INBOARD
INC	INCOMPLETE
INCM	INCOMING
INDIC	INDICATOR
INDIV	INDIVIDUAL
INFL	INFLUENT
INFO	INFORMATION
INIT	INITIATE/INITIATED/INITIAL
INJ	INJECTION
INL	INLET
INOP	INOPERABLE/INOPERATIVE
INPT	INPUT
INSRT	INSERT/INSERTION
INSTR	INSTRUMENT/INSTRUMENTATION
INTK	INTAKE
INTLK	INTERLOCK
INTRPT	INTERRUPT
INVRTR	INVERTER
IR	INTERMEDIATE RANGE
IRC	INSIDE REACTOR CONTAINMENT
IRM	INTERMEDIATE RANGE MONITOR
IRS	IODINE REMOVAL SYSTEM

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ISOL

ISOLATION/ISOLATOR

ISOL VLV/IV

ISOLATION VALVE

IVC

ISOLATION VALVE CUBICLE



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JKT  
JNT  
JRNL

JACKET  
JOINT  
JOURNAL



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K	THOUSAND
KEFF	EFFECTIVE NEUTRON MULTIPLICATION FACTOR
KV*	KILO VOLT
KVA*	KILO VOLT - AMPERE
KVAH*	KILO VOLT - AMPERE HOUR
KVAR*	KILO VARS
KW*	KILOWATT
KWH*	KILOWATT HOUR



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DESIGN REVIEW

L	LEFT	3
LAB	LABORATORY	
LB	POUNDS	
LBM	POUNDS MASS	
LC	LOAD CENTER	
LCKOUT/L/O	LOCKOUT	3
LCV	LEVEL CONTROL VALVE	
LD	LOAD	
LDS	LEAK DETECTION SYSTEM	
LEAK	LEAKAGE	
LED	LIGHT EMITTING DIODE	
LH	LEFT HAND	3
LHSI	LOW HEAD SAFETY INJECTION	
LI	LEVEL INDICATOR	
LIQ	LIQUID	
LKF	LEAKOFF	3
LLRT	LOCAL LEAK RATE TEST	
LMT	LIMIT	
LN	LINE	
LNK	LINK	
L. O.	LUBE OIL	
LO	LOW	
LO/LO	LOW/LOW	3
LCC	LOCAL	
LOCA	LOSS-OF-COOLANT ACCIDENT	
LOG*	LOGARITHM OF	3
LOOPWR	LOSS OF OFFSITE POWER	
LOP	LOSS OF POWER	
LOSCNT	LOSS OF CONTINUITY	
LO VOLT	LOW VOLTAGE	
LOWR	LOWER	



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LP A	LOOP A
LP B	LOOP B
LP C	LOOP C
LP D	LOOP D
LP 1	LOOP 1
LP 2	LOOP 2
LP*	LOW PRESSURE
LR*	LEVEL RECORDER
LRTS	LIQUID RADWASTE TREATMENT SYSTEM
LSWH	LOW SOLIDS WASTE HEADER
LTC	LOAD TAP CHANGE
LTD	LIMITED
LTDN/LETDN	LETDOWN
L/U	LINEUP
LUBE	LUBRICATION
LVG	LEAVING
LVL	LEVEL
LWPS	LIQUID WASTE PROCESSING SYSTEM



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DESIGN REVIEW**

MA	MILLIAMPERE	
M/A	MANUAL/AUTOMATIC	
MAB	MECHANICAL AUXILIARY BUILDING	3
MAG	MAGNETIC	
MAINT	MAINTENANCE	
MAN	MANUAL	
MAX	MAXIMUM	
MCB	MAIN CONTROL BOARD	
MCC	MOTOR CONTROL CENTER	
MCW V	MICROWAVE	
MEAB	MECHANICAL ELECTRICAL AUXILIARY BUILDING	
MEAS	MEASURE	
MECH	MECHANICAL	
MEV	MILLION ELECTRON VOLTS	
MFCS	MAIN FEEDWATER CONTROL SYSTEM	
MFIV	MAIN FEEDWATER ISOLATION VALVE	
MG	MOTOR GENERATOR	
MIDS	MOVABLE INCORE DETECTOR SYSTEM	
MIN	MINIMUM/MINUTES	3
MISC	MISCELLANEOUS	
MIT	MITIGATION	3
MN	MAIN	
MNTR	MONITOR	
MOIST	MOISTURE	
MOV*	MOTOR OPERATED VALVE	
MS*	MAIN STEAM	
MSEP	MOISTURE SEPARATOR	
MSI	MAIN STEAM ISOLATION	3
MSIV	MAIN STEAM ISOLATION VALVE	
MSMTCH	MISMATCH	
MSR	MOISTURE SEPARATOR REHEATER	
MSV	MAIN STOP VALVE	





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MTL	METAL
MTR	MOTOR
MTRDRV	MOTOR DRIVEN
M/U	MAKEUP
MV	MILLIVOLT
MVAR	MEGA VARS
MVARH	MEGA VAR HOURS
MW	MEGAWATT
MWH	MEGAWATT HOURS
MWP	MAXIMUM WORKING PRESSURE
MWS	MAKEUP WATER SYSTEM



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## CONTROL ROOM DESIGN REVIEW

N	NORTH
NA	SODIUM
N/A	NOT APPLICABLE
NAOH	SODIUM HYDROXIDE
N <sub>2</sub> /N <sub>2</sub>	NITROGEN
N <sub>2</sub> H <sub>4</sub> /N <sub>2</sub> H <sub>4</sub>	HYDRAZINE
NDTT	NILDUCTILITY TRANSITION TEMPERATURE
NEG	NEGATIVE
NEUT	NEUTRALIZING
NFCLSD	NOT FULLY CLOSED
NFOPN	NOT FULLY OPEN
NIS	NUCLEAR INSTRUMENTATION SYSTEM
NNS	NONNUCLEAR SAFETY
NO	NUMBER
N. O.	NORMAL OPEN
NON-CRIT	NON-CRITICAL
NORM	NORMAL
NPSH	NET POSITIVE SUCTION HEAD
N/R	NARROW RANGE
NRC	NUCLEAR REGULATORY COMMISSION
NSRE	NON-SAFETY RELATED
NSSS	NUCLEAR STEAM SUPPLY SYSTEM
NUC	NUCLEAR
NUTRN	NEUTRON
NVS	NORMAL VENTILATION SYSTEM
NZL	NOZZLE

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O/A	OUTSIDE AIR
OAI	OUTSIDE AIR INTAKE
O/C	OVERCURRENT
O/L	OVERLOAD
O/P	OVERPRESSURE
O/V	OVERVOLTAGE
OCIV	OUTSIDE CONTAINMENT ISOLATION VALVE
OG	OFF GAS
OP	OVERPOWER
OPDT	OVERPOWER DIFFERENTIAL T
OPENLP	OPEN LOOP
OPER	OPERATING/IN OPERATION/OPERATED
ORC	OUTSIDE REACTOR CONTAINMENT
ORIF	ORIFICE
O <sub>2</sub>	OXYGEN
OTDT	OVERTEMPERATURE DIFFERENTIAL T
OUTBD	OUTBOARD
OUTL	OUTLET
OUTP	OUTPUT
OVERRD	OVERRIDE
OVERSP	OVERSPEED



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## CONTROL ROOM DESIGN REVIEW

PA	PUBLIC ADDRESS (SYSTEM)	
PAM	POST-ACCIDENT MONITORING	■ 3
PAMS	POST-ACCIDENT MONITORING SYSTEMS	
PAP	PLANT ADMINISTRATIVE PROCEDURES	
PARALL	PARALLEL, PARALLELED	
PART	PARTICULATE	
PASS	POST-ACCIDENT SAMPLING SYSTEM	
PCi	PICO CURIES	
PCM	PERCENT MILLI RHO	
PCT	PEAK CLAD TEMPERATURE	
PCV	PRESSURE CONTROL VALVE	
PDCP	POSITIVE DISPLACEMENT CHARGING PUMP	
PDISCH	PRESSURE DISCHARGE	
PDP	POSITIVE DISPLACEMENT PUMP	■ 3
PE	PRESSURE ELEMENT	
PENT	PENETRATION	■ 3
PERM	PERMIT/PERMISSIVE	
PERS	PERSONNEL	
PGDS	PRESSURIZED GAS DISTRIBUTION SYSTEM	
PH	pH (HYDROGEN ION CONCENTRATION)	
PHS	PHASE	
PI	PRESSURE INDICATOR	
PIC	PRESSURE INDICATOR CONTROL	
PKG	PACKING	
PMP	PUMP	■ 3
PMPHS	PUMP HOUSE	
PMS	PRIMARY MAKEUP SYSTEM/PLANNED MAINTENANCE SYSTEM	
PNEU	PNEUMATIC	
PNL	PANEL	
PO <sub>4</sub>	PHOSPHATE	
POL	POLISHER	



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## CONTROL ROOM DESIGN REVIEW

POR V	POWER-OPERATED RELIEF VALVE
POS	POSITIVE
POSIT	POSITION
POT	POTENTIAL/POTENTIOMETER
PPB	PARTS PER BILLION
PPM	PARTS PER MILLION
PR	POWER RANGE
PREHTR	PREHEATER
PREP	PREPARE/PREPARATION
PRESS	PRESSURE
PRI	PRIMARY
PRIWTR	PRIMARY WATER
PRL	PARALLEL
PRM	PROCESS RADIATION MONITOR
PRMG	PRIMING
PROC	PROCESS/PROCEDURE
PROD	PRODUCT
PROG	PROGRAMMED
PROP	PROPORTION
PROT	PROTECTIVE/PROTECTION
PRS	PROTECTION SET
PRT*	PRESSURIZER RELIEF TANK
PRTR	PRINTER
PRZR	PRESSURIZER
PS	POWER SUPPLY
PSIA	POUNDS PER SQUARE INCH ABSOLUTE
PSIG	POUNDS PER SQUARE GAUGE
PSS	PROCESS SAMPLING SYSTEM
PSW	PLANT SERVICE WATER
PSWS	POTABLE AND SANITARY WATER SYSTEM



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**CONTROL ROOM  
DESIGN REVIEW**

PT	PRESSURE TRANSMITTER	
P-T	PRESSURE - TEMPERATURE	3
PT ID	POINT IDENTIFIER (COMPUTER)	
PULS	PULSATION	
PUR	PURGE	
PURIF	PURIFICATION	
PVH	PLANT VENT HEADER	
PWR*	POWER	3
PWR-OP	POWER-OPERATED	



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**CONTROL ROOM  
DESIGN REVIEW**

QA	QUALITY ASSURANCE
QDPS	QUALIFIED DISPLAY PROCESSING SYSTEM
QUAD	QUADRANT
QUAL	QUALIFIED



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## CONTROL ROOM DESIGN REVIEW

R	RIGHT	3
RAD	RADIATION	
RAD MON	RADIATION MONITOR	
RADWST	RADIOACTIVE WASTE	
RAFT	RESIN ADDITION FEED TANK	
RAS	RECIRCULATION ACTUATION SIGNAL	
RC*	REACTOR COOLANT	
RCB	REACTOR CONTAINMENT BUILDING	
RCC*	ROD CLUSTER CONTROL	
RCCA*	ROD CLUSTER CONTROL ASSEMBLY	
RCDR	RECORDER	
RCDT*	REACTOR COOLANT DRAIN TANK	
RCFC	REACTOR CONTAINMENT FAN COOLING	
RCP	REACTOR COOLANT PUMP	
RCPCS	REACTOR COOLANT PURITY CONTROL SYSTEM	3
RCS	REACTOR COOLANT SYSTEM	
RCV	RECEIVING	
RCVR	RECEIVER	
RCWM	REACTOR COOLANT WASTE MONITORING	
RCYL	RECYCLE	
RDH	RECYCLE DRAIN HEADER	
RDL	RADIAL	
REC	RECORD	3
RECIRC	RECIRCULATING/RECIRCULATION	
RECOMB	RECOMBINER	
RECT	RECTIFIER	
RECVRY	RECOVERY	
REDUC	REDUCTION	
REDUN	REDUNDANT	
REF	REFERENCE	
REFL	REFUEL	
REFLNG	REFUELING	





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**CONTROL ROOM  
DESIGN REVIEW**

REFRIG	REFRIGERATION
REG	REGULATOR/REGULATION
REGEN	REGENERATIVE/REGENERATION
REHT	REHEATER
3 REIN	REINITIATE
REL	RELAY
REM	ROENTGEN EQUIVALENT MAN
3 REQD	REQUIRED
REV	REVERSE/REVISION
3 RH	RIGHT HAND/REHEAT
RHDS	REACTOR HEAD DEGASSING SYSTEM
RHR*	RESIDUAL HEAT REMOVAL
RHRS*	RESIDUAL HEAT REMOVAL SYSTEM
RHT	RECYCLE HOLDUP TANK
RHTR	REHEATER
RLF	RELIEF
RLFV	RELIEF VALVE
RM	ROOM
RMPF	RESERVOIR MAKEUP PUMPING FACILITY
3 RMR	RADIATION MONITOR ROOM
RMS	RADIATION MONITORING SYSTEM
3 RMT	REMOTE
RMU	REACTOR MAKEUP
RMW	REACTOR MAKEUP WATER
RMWS	REACTOR MAKEUP WATER SYSTEM
RMWST	REACTOR MAKEUP WATER STORAGE TANK
RNG	RANGE
RO	REACTOR OPERATOR
RPI	CONTROL ROD POSITION INDICATION
RPS	REACTOR PROTECTION SYSTEM
RSTR	RESTRAINT
RSVR	RESERVOIR



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**CONTROL ROOM  
DESIGN REVIEW**

RTD*	RESISTANCE TEMPERATURE DETECTOR
RTN/RET	RETURN
RTS	REACTOR TRIP SYSTEM
RUNBK	RUNBACK
RVWL	REACTOR VESSEL WATER LEVEL
RWST*	REFUELING WATER STORAGE TANK
RX*	REACTOR

■ 3



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**CONTROL ROOM  
DESIGN REVIEW**

S	SOUTH
SA	SPRAY ADDITIVE
SANI	SANITARY
SAS	STATION AIR SYSTEM
SAT	SATURATION
SBKR	SUPPLY BREAKER
SCRN	SCREEN
S/D	SHUTDOWN
SDS	STEAM DUMP SYSTEM
SEC	SECONDARY
SECT	SECTION
SEL	SELECT/SELECTOR
SENS	SENSOR
SEP	SEPARATOR
SEQ	SEQUENCE
SEQR	SEQUENCER
SER	SERVICE
SET	SETTING
SETLG	SETTLING
SETPT	SETPOINT
SFA	SPENT FUEL ASSEMBLY
SFGD	SAFEGUARD
SFP	SPENT FUEL POOL
SFPC	SPENT FUEL POOL (PIT) COOLANT/SPENT FUEL POOL (PIT) COOLING
SFPCS	SPENT FUEL POOL (PIT) COOLANT SYSTEM
SFS	SPENT FUEL STORAGE
SFTY	SAFETY
SG	STEAM GENERATOR
SGBS	STEAM GENERATOR BLOWDOWN SYSTEM
SGFP	STEAM GENERATOR FEED PUMP
SGFPT	STEAM GENERATOR FEED PUMP TURBINE
SGR	SWITCHGEAR ROOM

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## CONTROL ROOM DESIGN REVIEW

SHLD	SHIELD	
SHUTDNBK	SHUTDOWN BANK	
SHWR	SHOWER	
SI	SAFETY INJECTION	
SIAS	SAFETY INJECTION ACTUATION SIGNAL	
SIG	SIGNAL	
SIS	SAFETY INJECTION SYSTEM	
SKMR	SKIMMER	■ 3
SLWTR	SEAL WATER	
SMK	SMOKE	■ 3
SMPL	SAMPLE	
S.O.	SEAL OIL	
S/O	SHUT OFF	■ 3
SOE	SEQUENCE OF EVENTS	
SOL	SOLENOID	
SOV	SOLENOID OPERATED VALVE	
SPAR	SPARE	
SPC	SPACE	
SPDS	SAFETY PARAMETER DISPLAY SYSTEM	■ 3
SPEC	SPECIFICATION	
SPKR	SPEAKER	
SPLY	SUPPLY	
SPRY	SPRAY	
SR	SOURCE RANGE	■ 3
SRC	SOURCE/SOURCES	
SRG	SURGE	
SRM	SOURCE RANGE MONITOR	
SRO	SENIOR REACTOR OPERATOR	
SRST	SPENT RESIN STORAGE TANK	
SRT	SPENT RESIN TANK	
SRV	SAFETY RELIEF VALVE	



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**CONTROL ROOM  
DESIGN REVIEW**

3	SS	SEAL STEAM
	SSPS	SOLID STATE PROTECTION SYSTEM
	SSS	SECONDARY SAMPLING SYSTEM
	STA	STATION
	STAB	STABILIZER
	STATR	STATOR
	STBY	STANDBY
	STDPIPE	STANDPIPE
	STG	STAGE/STAGING
	STM	STEAM
	STOR	STORAGE
	STORTK	STORAGE TANK
3	STP	SOUTH TEXAS PROJECT
	STPEGS	SOUTH TEXAS PROJECT ELECTRIC GENERATING SYSTEM
	STRM	STORE ROOM
	STRN	STRAINER
	STRT	START/STARTER/STARTING
	STRUC	STRUCTURE
	STVLV	STOP VALVE
	S/U	START-UP
	SUBST	SUBSTITUTE
	SUCT	SUCTION
	SUM	SUMMER
	SUP	SUPPORT
	SUPHTR	SUPER HEATER
	SUPPL	SUPPLEMENTAL
	SUPV	SUPERVISORY
	SUR	START-UP RATE
	SVC	SERVICE



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**CONTROL ROOM  
DESIGN REVIEW**

SW	SWITCH
SWBD	SWITCHBOARD
SWGR	SWITCHGEAR
SWPS	SOLID WASTE PROCESSING SYSTEM
SWYD	SWITCHYARD
SYNC	SYNCHRONIZED/SYNCHROSCOPE/SYNCHRONOUS
SYS	SYSTEM, SUBSYSTEM

3



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**CONTROL ROOM  
DESIGN REVIEW**

TAVG	AVERAGE TEMPERATURE
TB	TURBINE BUILDING
TBCW	TURBINE BUILDING COOLING WATER
T/C	THERMOCOUPLE
TCB	TRIP CIRCUIT BREAKER
3 ■ Te/TC	COLD LEG REACTOR COOLANT
TCV	TEMPERATURE CONTROL VALVE
TDS	TOTAL DISSOLVED SOLIDS
TECH	TECHNICAL
TEL	TELEPHONE
TEMP	TEMPERATURE
3 ■ TERM	TERMINAL/TERMINATION
T ERROR	TEMPERATURE ERROR (PROGRAM TAVG - TAVG)
TG	TURBINE GENERATOR
TGB	TURBINE GENERATOR BUILDING
TGSS	TURBINE GLAND SEAL SYSTEM
THERM	THERMAL
THR	THRUST
3 ■ THROT	THROTTLE
Th/TH	HOT LEG REACTOR COOLANT
TI	TEMPERATURE INDICATOR
TIEBKR	TIE BREAKER
TK	TANK
TM	THERMAL MARGIN
3 ■ TNL	TUNNEL
T & T/T AND T	TRIP AND THROTTLE
TOT	TOTAL
TR	TEMPERATURE RECORDER
TRANS	TRANSIENT
TRAV	TRAVELING
TRBL	TROUBLE
TRBY	TURBIDITY



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**CONTROL ROOM  
DESIGN REVIEW**

TREAT	TREATMENT
TREF	REFERENCE TEMPERATURE
TRN	TRAIN
TRN	TRAIN
TRN A	TRAIN A
TRN B	TRAIN B
TRN C	TRAIN C
TRP	TRIP
TRQ	TORQUE
TSC	TECHNICAL SUPPORT CENTER
TURB	TURBINE
TURN	TURNING
TURN G	TURNING GEAR
TVR	THYRISTOR VOLTAGE REGULATOR
TWR	TOWER

3

3

3





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**CONTROL ROOM  
DESIGN REVIEW**

U	URANIUM
UAT	UNIT AUXILIARY TRANSFORMER
U/F	UNDERFREQUENCY
UHTR	UNIT HEATER
3   UNCMP	UNCOMPENSATED
UPPR	UPPER
UPS	UNINTERRUPTIBLE POWER SUPPLY
UPSC	UPSCALE
3   U/V	UNDER VOLT/UNDER VOLTAGE



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## CONTROL ROOM DESIGN REVIEW

V	VOLT/VOLTAGE	3
VA	VOLT-AMPERES	
VAC	VACUUM	
V/AC	VOLTS AC	
VAR	VOLTS AMPERE REACTIVE	
VCT	VOLUME CONTROL TANK	
VDC	VOLTS DC	
VENT	VENT/VENTILATION	
VENTLSYS	VENTILATION SYSTEM	
VERT	VERTICAL	
VIB	VIBRATION	
VISC	VISCOSITY	
VLV	VALVE	
VOL	VOLUME	
VOLTLOSS	LOSS OF VOLTAGE	
VOLTM	VOLTMETER	3
VOLTR	VOLTAGE REGULATOR	3
VPI	VALVE POSITION INDICATOR/VALVE POSITION INDICATION	3
VPR	VAPOR	
VSL	VESSEL	
VT	VENT	3



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**CONTROL ROOM  
DESIGN REVIEW**

W	WEST
WNDG	WINDING
WPS	WASTE PROCESSING SYSTEM
W/R	WIDE RANGE
WTRSYS	WATER SYSTEM
WSH	WASH
WST	WASTE
WTHDRWL	WITHDRAWAL
WTR	WATER
WTRBX	WATERBOX



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**CONTROL ROOM  
DESIGN REVIEW**

X	CROSS
XFER	TRANSFER
XFMR	TRANSFORMER
XMTR	TRANSMITTER
XOVER	CROSSOVER
XPORT	TRANSPORT
XTIE	CROSS TIE
XTRA	EXTRA

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