
A Handbook of Acronyms and Initialisms

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A Handbook of Acronyms and Initialisms

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ABSTRACT

This Handbook records in alphabetical order abbreviations (acronyms, initials, and other condensed forms) that have been used in the nuclear industry, both foreign and domestic. The present volume, compiled by the editorial staff of the Division of Technical Information and Document Control, contains abbreviations used in NRC staff and contractor reports. This issue, although not all inclusive, is to be treated as a compilation of available information.

PREFACE

HOW TO USE THIS HANDBOOK

This Handbook records in alphabetical order abbreviations (acronyms, initialisms, and other condensed forms) that have been used in the nuclear industry. For convenience, printed thumb tabs indicate the location of each alphabetical grouping.

GUIDE TO THE USE OF ABBREVIATIONS

The multitude of disciplines represented in the nuclear industry contribute heavily to the polyglot of abbreviations found throughout associated documentation. Each discipline uses its own words and produces abbreviations that may be similar to abbreviations from another discipline that are compiled from completely different words. For example, an individual referring to CTR could be discussing either a "certified test result" or a "controlled thermonuclear reactor." The critical point for any writer to remember is to spell out the complete set of words and to place the abbreviation associated with the set of words immediately following, then use it consistently. If a document is long and the term does not recur until much later, the term should be redefined as a courtesy to the reader.

Definitions

Abbreviation--a shortened, condensed form of a word or group of words. Some technical abbreviations have been so widely disseminated that they now communicate successfully without further definition (for example, the words laser and scuba).

Acronym--a pronounceable term from the initial letters of a compound expression: ANSI is formed from American National Standards Institute and LOCA from loss-of-coolant accident.

Initialism--a nonpronounceable term from the initial letters of a compound expression: EPZ from emergency planning zone and SGTS from standby gas treatment system.

Arrangement

The abbreviations in this Handbook are arranged in alphabetical order. Prepositions and articles are ignored in the alphabetization (P&ID is placed as if it were PID) as are punctuation marks (M/A or A-E). When two or more abbreviations are identical, the arrangement of the spelled-out form determines its placement.

Included Abbreviations

In addition to nuclear-related terms and expressions, this Handbook includes most of the U.S. nuclear facilities that are cancelled, delayed, completed, operating, and decommissioned. Although it includes most nuclear vendors and architect-engineers, the list of companies is not exhaustive. This reflects information available to the compilers on a random basis rather than information compiled from extensive research to include all companies that touch the nuclear industry.

Excluded Abbreviations

Abbreviations readily found elsewhere have been excluded from this listing. Thus, chemical symbols for the elements and for common substances, units of measurement, and computer code names are excluded. Organizations below the level of major program and staff offices and advisory groups within NRC are not included.

Formation of Plurals

Each abbreviation is given in the singular form. For example, PWR, the abbreviation for pressurized-water reactor, can be made a plural form by adding an "s" (PWRs). No apostrophe should precede the addition. Sometimes the writer will prefer to use a singular form (ESF, engineered safety feature) as a plural (ESF, engineered safety features), and if the writer is consistent, the reader will not be confused. Singular and plural forms of words such as criterion/criteria or memorandum/memoranda are the same. For example, the form GDC refers to either general design criterion or general design criteria, depending on the specific in-text reference.

Capitalization

Spelled-out forms of the abbreviations in this Handbook are not capitalized unless they fall into the following categories: specific facility or reactor name, companies or organizations, and committees or special interest groups. All other words in technical documents should be treated individually as in a dictionary. Specific parts of a nuclear system or facility need not be capitalized.

NEW ENTRIES

A lined space is provided at the bottom of each page for the insertion of new abbreviations and their meaning, if found elsewhere. These new entries may be forwarded to the Policy and Publications Management Branch, Mail Stop W-501, U.S. Nuclear Regulatory Commission, Washington, D.C. 20555, for consideration and inclusion in a future revision.

A HANDBOOK OF ACRONYMS AND INITIALISMS

A

AA	access authorization
AACC	American Association for Contamination Control (also A ² C ²)
AAEC	Australian Atomic Energy Commission
AAECS	auxiliary area environmental control system
AAEGTS	auxiliary area emergency gas treatment system
AAM	airborne activity monitor
AAPM	American Association of Physicists in Medicine
AARR	Argonne Advanced Research Reactor (also A ² R ²)
AASHO	American Association of State Highway Officials
AATN	Asociacion Argentina de Tecnologia Nuclear
ABFS	auxiliary building filter system
ABGTS	auxiliary building gas treatment system
ABHX	air blast heat exchanger
ABI	auxiliary building isolation
ABLE	activity balance line evaluation
ABNP	Alan R. Barton Nuclear Plant
ABST	auxiliary building sump tank
ABSVS	auxiliary building special ventilation system
ABT	automatic bus transfer
ABV	auxiliary building ventilation
AC	acid concentrator
A/C	air conditioning
AC	Allis-Chalmers Manufacturing Co.
ACB	air-operated circuit breaker
ACB	Ateliers et Chantiers de Bretagne (France)
ACC	accumulator
ACCWS	auxiliary component cooling water system
ACEC	Ateliers de Constructions Electriques de Charleroi, S.A. (Belgium)
ACF	acid concentrator feed
ACF	automatic control feature
ACHP	Advisory Council on Historic Preservation
ACI	American Concrete Institute
ACI	automatic closure and interlock
ACL	alternate concentration limit
ACLP	above core load pad
ACLP	above core load plane

ACMI	Advisory Committee on Medical Uses of Isotopes
ACNGS	Allens Creek Nuclear Generating Station
ACPDS	Advisory Committee on Personal Dosimetry Services
ACPR	Annular Core Pulsed Reactor
ACR	advanced converter reactor
ACRI	Air Conditioning and Refrigeration Institute
ACRR	Annular Core Research Reactor
ACRS	Advisory Committee on Reactor Safeguards
ACS	alternate core spray
ACS	American Chemical Society
ACS	auxiliary cooling system
ACTS	automated commitment tracking system
ACU	air cleanup unit
A/D	analog to digital
ADDS	applied digital data system
ADM	Administration, Office of
ADP	automatic data processing
ADR	audit discrepancy report
ADRS	automated data retrieval system
ADS	automatic depressurization system
ADS	automatic dispatch system
ADT	vented drain tank
ADU	ammonium diuranate
ADV	atmospheric dump valve
AE	acoustic emission
AE	air ejector
AE	architect-engineer
A-E	architect-engineer
A/E	architect-engineer
AEB	Atomic Energy Bureau (Korea)
AEB	auxiliary equipment building
AEC	Alternative Energy Coalition
AEC	Atomic Energy Commission, U.S.
AECB	Atomic Energy Control Board (Canada)
AECL	Atomic Energy of Canada Ltd.
AECM	Atomic Energy Commission Manual
AECPR	Atomic Energy Commission Procurement Regulation
AEE	Atomic Energy Establishment (Libya)
AEEN	Agenzia Europea per l'Energia Nucleare
AEEN	Agence Européenne pour l'Energie Nucléaire
AEGTS	annulus exhaust gas treatment system
AEI	Associated Electric Industries Ltd. (United Kingdom)
AEN	Agence pour l'Energie Nucléaire
AENJ	Atlantic Electric of New Jersey
AEO	Atomic Energy Organization (Iran)
AEOD	Analysis and Evaluation of Operational Data, Office for

AEOI	Atomic Energy Organization of Iran
AEP	American Electric Power Co., Inc.
AEPSC	American Electric Power Service Corp.
AERCW	auxiliary essential raw cooling water
AERE	Atomic Energy Research Establishment (United Kingdom)
AESJ	Atomic Energy Society of Japan
AETR	Advanced Engineering Test Reactor
AETR	Advanced Epithermal Thorium Reactor
AF	auxiliary feed
AF	auxiliary feedwater
AFAS	auxiliary feedwater actuating system
AFBMA	Anti-Friction Bearing Manufacturers Association
AFC	automatic flow control
AFD	acid fractionator distillate
AFD	axial flux difference
AFL	active fuel length
AFOS	auxiliary fuel oil system
AFNE	Americans for Nuclear Energy
AF NETF	Air Force Nuclear Engineering Test Facility
AFR	acid fractionator recycle
AFR	away from reactor
AFRRI	Armed Forces Radiobiology Research Institute
AFS	auxiliary feedwater system
AFSR	Argonne Fast Source Reactor
AFW	auxiliary feedwater
AFWAS	auxiliary feedwater actuation system
AFWC	auxiliary feedwater control
AFWS	auxiliary feedwater system
AG	Aerojet-General Corporation
AGA	automatic gas analyzer
AGC	Aerojet-General Corporation
AGL	above ground level
AGMA	American Gear Manufacturing Association
AGN	Aerojet-General Nucleonics
AGNS	Allied-General Nuclear Services
AGR	advanced gas-cooled reactor
AGS	Alternating Gradient Synchrotron
AGS	annulus gas system
AGU	American Geophysical Union
AGVC	automatic governing valve control
A/H	air handling
AHFR	Argonne High-Flux Reactor
AHM	auxiliary handling machine
AHR	aqueous homogeneous reactor
AI	Atomics International
AI	authorized inspector

AICE	American Institute of Chemical Engineers
AID	air inlet damper
AIEE	American Institute of Electrical Engineers
AIF	Atomic Industrial Forum, Inc.
AIGS	auxiliary inerting gas subsystem
AIHA	American Industrial Hygiene Association
AIHX	auxiliary intermediate heat exchanger
AIMME	American Institute of Mining and Metallurgical Engineers
AINSE	Australian Institute of Nuclear Science and Engineering
AI&O	annual inspection and overhaul
AIP	American Institute of Physics
AIRS	advanced instrumentation for reflood studies
AIS	accumulator injection system
AISC	American Institute of Steel Construction
AISE	Association of Iron and Steel Engineers
AISI	American Iron and Steel Institute
AITS	action item tracking system
AKK	Atomkraftkonsortiet (Sweden)
ALAP	as low as possible
ALAP	as low as practicable
ALAP	as low as practical
ALARA	as low as is reasonably achievable
ALCP	area local control panel
ALIP	annular linear induction pump
ALKEM	Alpha Chemie und Metallurgie, G.m.b.H. (West Germany)
ALMS	auxiliary liquid metal system
ALP	assembly language preprocessor
ALPHGR	average linear planar heat generation rate
ALPR	Argonne Low Power Reactor
ALRR	Ames Laboratory Research Reactor
ALSI	aluminum silicon alloy
ALUPA	Association Luxembourgeoise pour l'Utilisation Pacifique de l'Energie Atomique
AMAD	activity median aerodynamic diameter
AMCA	Air Moving and Conditioning Association
AMCF	alkali metal cleaning facility
AMCO	Aerojet Manufacturing Company
AMD	alpha activity median diameter
AMDEL	Australian Mineral Development Laboratories
AMI	automatic motion inhibit
AMN	Ansaldo Meccanico Nucleare, SpA (Italy)
AMPERE	Atomes et Molecules pour Études Radio-Electriques (Switzerland)
AMRR	Army Materials Research Reactor
AMS	aerial monitoring system
AMS	Army Map Service

AMSAC	ATWS (anticipated transients without scram) mitigating system actuation circuitry
AMU	aqueous makeup
AMU	atomic mass unit
A/N	alphanumeric
ANC	Aerojet Nuclear Company
ANCC	Associazione Nazionale per il Controllo della Combustione (Italy)
ANDIN	Associazione Nazionale di Ingegneria Nucleare (Italy)
ANEC	American Nuclear Energy Council
ANF	actinide nitride fuel
ANGRY	Anti-Nuclear Group Representing York
ANI	American Nuclear Insurers
ANI	authorized nuclear inspector
ANIM	Association of Nuclear Instrument Manufacturers
ANL	Argonne National Laboratory
ANO	Arkansas Nuclear One
ANP	aircraft nuclear propulsion
ANR	Association of Neutron Radiographers
ANS	American Nuclear Society
ANSI	American National Standards Institute
AO	abnormal occurrence
AO	air operator
AOG	acid offgas
AOG	augmented offgas
AOO	anticipated operational occurrence
AOP	abnormal operating procedure
AOTA	absorber open test assembly
AOV	air-operated valve
AP	access permit
AP	access permittee
AP	administrative procedure
APA	Administrative Procedures Act
APC	argon purge cart
APC	Atomic Power Construction Ltd. (United Kingdom)
APCA	Air Pollution Control Association
APCEF	Advanced Power Conversion Experimental Facility
APCO	Alabama Power Company
APDA	Atomic Power Development Associates
APDMS	axial power distribution monitoring system
APFA	Accelerator Pulsed Fast Critical Assembly
APHA	American Public Health Association
API	absolute position indication
API	American Petroleum Institute
API	antecedent precipitation index
APL	Applied Physics Laboratory

APL	Arkansas Power & Light Co.
APLHGR	average planar heat generation rate
APPR	Army Package Power Reactor
APR	automatic pressure relief
APRF	Aberdeen Pulsed Reactor Facility
APRM	average power range monitor
APS	American Physics Society
APS	Arizona Public Service Co.
APS	atomic power station
APS	auxiliary power system
APSR	axial power shaping rod
APSRA	axial power shaping rod assembly
APTR	advanced pressure tube reactor
APU	auxiliary power unit
ARAC	atmospheric release advisory capability
ARACOR	Advanced Research and Applications Corp.
ARAVS	auxiliary and radwaste area ventilation system
ARBOR	Argonne Boiling Water Reactor
ARC	Alliance Research Center
ARD	Advanced Reactors Division
ARDA	Atomic Research and Development Authority
ARE	Aircraft Reactor Equipment
AREA	American Railway Engineering Association
Argonaut	Argonne nuclear assembly for university training
ARHCO	Atlantic Richfield Hanford Co.
ARI	alternate rod insertion
ARI	ATWS (anticipated transient without scram) rod injection
ARIS	automated reactor inspection system
ARM	area radiation monitor
ARMF	Advanced Reactivity Measurement Facility
ARMS	aerial radiological measurement and survey
ARMS	area radiation monitoring system
ARMS	area radiological monitoring system
ARMS	aerial radiological measurements system
ARO	all rods out
ARP	annunciator response procedure
ARPI	absolute rod position indication
ARR	Armour Research Reactor
ARR	Association for Radiation Research (United Kingdom)
ARRS	airborne radioactivity removal system
ARS	advance record system
ARS	amplified response spectrum
ART	aerosol release and transport
ART	anticipatory reactor trip
AS	air supply
A/S	air supply

AS	auto sequential
AS	auxiliary steam
ASA	American Standards Association
ASADA	Atomic Space and Development Authority
ASCE	American Society of Civil Engineers
ASCEG	Association of South Carolina Electric and Gas Investors
ASCO	American Switch Co.
ASEP	Accident Sequence Evaluation Program
ASG	auxiliary steam generator
ASHRAE	American Society of Heating, Refrigeration and Air Conditioning Engineers
ASI	axial shape index
ASLAB	Atomic Safety and Licensing Appeal Board
ASLAP	Atomic Safety and Licensing Appeal Panel
ASLB	Atomic Safety Licensing Board
ASLBP	Atomic Safety and Licensing Board Panel
ASM	American Society for Metals
ASME	American Society of Mechanical Engineers
ASNT	American Society for Nondestructive Testing
ASNT	Australian School of Nuclear Technology
ASP	administrative site procedures
ASPEA	Association Suisse pour l'Énergie Atomique (Switzerland)
ASQC	American Society for Quality Control
ASR	automatic send and receive
ASS	auxiliary steam system
ASTM	American Society for Testing and Materials
ASTPO	Accident Source Term Program Office
ASTR	Aerospace Systems Test Reactor
AT	acceptance tag
AT	acceptance test
ATC	adiabatic toroidal compressor
ATEL	Aare-Tessin Ag für Elektrizität (Switzerland)
ATEN	Association Technique de l'Énergie Nucléaire (France)
ATF	acceptance test facility
ATH	artificial time history
ATOG	abnormal transient operational guideline
ATOG	anticipated transient operating guideline
ATP	acceptance test plan
ATP	acceptance test procedure
A&TP	assembly and test pit
ATR	Advanced Test Reactor
ATRC	Advanced Test Reactor Critical Facility
ATRCE	advanced test reactor critical experiment
ATS	Atomtekniska Sällskapet i Finland
ATSR	Argonne Thermal Source Reactor
ATT	automatic turbine tester

ATWS	anticipated transient without scram
AUDIT	automatic unattended detection inspection transmitter
AUEA	auxiliary utility equipment area
AUXI-ATOME	Société Auxiliare pour l'Énergie Atomique (France)
AVMS	annulus vacuum maintenance system
AVR	Arbeitsgemeinschaft Versuchsreaktor, G.m.b.H. (West Germany)
AVR	automatic volume recognition
AVSS	automated vendor selection system
AVT	all-volatile treatment
AW	acid waste
AWCC	active well coincidence counter
AWG	American wire gauge
AWP	automatic withdrawal prohibit
AWRE	Atomic Weapons Research Establishment (United Kingdom)
AWS	American Welding Society
AWSF	alpha waste storage facility
AWWA	American Water Works Association
AZPS	Arizona Public Service Co.

B

B/A	budget authority
BAC	boric acid concentrator
BACT	best available control technology
BAF	bioaccumulation factor
BAF	bottom of active fuel
BAM	Bundesanstalt für Materielprüfung (West Germany)
BAMT	boric acid mix tank
BAP	branch arm piping
BAPE	branch arm piping enclosure
BAPS	branch arm piping shielding
BARC	Bhabha Atomic Research Centre (India)
BAST	boric acid storage tank
BAT	backup auxiliary transformer
BAT	boric acid tank
BAT	boric acid transfer
BATAN	Badan Tenaga Atom Nasional (Indonesia)
BATEA	best available technology economically available
BAWTR	Babcock and Wilcox Nuclear Development Center Test Reactor
BBC	Brown Boveri et Cie (Switzerland)
BBR	Babcock-Brown Boveri Reactor, G.m.b.H. (West Germany)
BBRR	Brookhaven Beam Research Reactor
BBV	Bayrische Biologische Versuchsanstalt (West Germany)
BCD	binary coded decimal
BCL	Battelle Columbus Laboratory
BCS	Boeing Computer Services
BD	blowdown
BD/ECC	blowdown/emergency core cooling
BDHT	blowdown heat transfer
BE	binding energy
BEAR	Biological Effects of Atomic Radiation, Committee on the
BEC	beginning of equilibrium cycle
BECO	Boston Edison Co.
BEEN	Bureau d'Étude de l'Énergie Nucléaire (Belgium)
BEIR	Biological Effects of Ionizing Radiation, Committee on the
BEN	Bureau d'Études Nucléaires, S.A. (Belgium)
BEPO	British Experimental Pile Operation
BFNP	Browns Ferry Nuclear Plant
BFS	Black Fox Station
BG&E	Baltimore Gas and Electric Co.
BGRR	Brookhaven Graphite Research Reactor

B

BGS	Bailly Generating Station
BHEC	Bangor Hydro-Electric Co.
BHS	Blue Hills Station
BIF	basic in flow
BIFEN	Banque Internationale pour le Financement de l'Énergie Nucléaire (France)
BIT	boron injection tank
BKW	Bernische Kraftwerke, A.G. (Switzerland)
BLIS	baffle/liner interface seal
BLP	basket loading pool
BLTC	bottom loading transfer cask
BM	bill of material
BMEP	brake mean effective pressure
BMEWS	ballistic missile early warning system
BMFT	Bundesminister für Forschung und Technologie (West Germany)
BMI	Battelle Memorial Institute
BML	bulk material length
BMR	Bureau of Mineral Resources (Australia)
BMRR	Brookhaven Medical Research Reactor
BMS	boron management system
BMS	boron measurement system
BN	Belgonucléaire (Belgium)
BNC	Berkeley Nucleonics Corporation
BNDC	British Nuclear Design & Construction Ltd. (United Kingdom)
BNEC	British Nuclear Energy Conference
BNES	British Nuclear Energy Society
BNF	British Nuclear Forum
BNFP	Barnwell Nuclear Fuel Plant
BNL	Brookhaven National Laboratory
BNP	Bellefonte Nuclear Plant
BNWL	Battelle Northwest Laboratories
B/O	budget overlay
BOC	beginning of cycle
BOC	bottom of conduit
BOD	biochemical oxygen demand
BOD	biological oxygen demand
BOEC	beginning of equilibrium cycle
BOL	beginning of life
BONUS	boiling nuclear superheat reactor
BONUS-CX	boiling nuclear superheat critical experiment
BOP	balance of plant
BOPSSAR	balance-of-plant standard safety analysis report
BORAX	Boiling Reactor Experiment
BORE	Beryllium Oxide Reactor Experiment
B&OTF	Bulletins and Orders Task Force
BPA	Bonneville Power Administration

BPFM	bypass flow module
BPHA	benzoylphenylhydroxylamine
BPID	book physical inventory difference
BPN	breakdown pulse noise
BPNL	Battelle Pacific Northwest Laboratories
BPR	beryllium physics reactor
BPR	burnable poison rod
BPRA	burnable poison rod assembly
B&PV	boiler and pressure vessel
BPVC	Boiler and Pressure Vessel Committee
BR	breeder reactor
BR	breeding ratio
B&R	Brown and Root, Inc.
B&R	Burns and Roe, Inc.
BRC	Breeder Reactor Corporation
BREDAT	Breda Termomeccanica, SpA (Italy)
BREN	Bare Reactor Experiment Nevada
BREVATOME	Société Francaise pour la Gestion des Brevets d'Application Nucléaire (France)
BRH	Bureau of Radiological Health
BRP	Bureau of Radiation Protection
BRPNP	Big Rock Point Nuclear Plant
BRR	Battelle Research Reactor
BRR	Brookhaven Research Reactor
BRS	boron recycle system
BRWM	Board on Radioactive Waste Management
B/S	bistable
BS	Braidwood Station
BS	Byron Station
BSEP	Brunswick Steam Electric Plant
BSF	bulk shielding facility
BSI	British Standards Institution
BSL	Bignier Schmid-Laurent (France)
BSR	Bulk Shielding Reactor
BSSAR	Babcock and Wilcox Standard Safety Analysis Report
BST	bleed storage tank
BST	blowdown suppression tank
BST	boron storage tank
BT	boiling transition
BTFA	benzoyltrifluoroacetone
BTP	Branch Technical Position
BTRS	boron thermal regeneration system
BTS	Brazilian thorium sludge
BUSS	backup scram system
B&V	Black & Veatch
BVFA	Bundesversuchs und Forschungsanstalt Arsenal (Austria)

BVPS	Beaver Valley Power Station
B&W	Babcock and Wilcox Co.
BWC	Bingham-Willamette Company
BWF	building wake factor
BWIP	Basalt Waste Isolation Program
BWR	boiling-water reactor
BWROG	Boiling Water Reactor Owners Group
BWST	borated water storage tank

C

CA	charge amplifier
CA	chemical addition and sampling system
CA	Congressional Affairs, Office of
CA	construction authorization
C/A	corrective action
CA	critical assembly
CAC	containment atmosphere control
CACS	core auxiliary cooling system
CACW	core auxiliary cooling water
CACWS	core auxiliary cooling water system
CAD	containment atmosphere dilution
CAF	chemical analysis facility
CAFEE	critical assembly fuel element exchange
CAHE	core auxiliary heat exchanger
CALUTRON	California University Cyclotron
CAM	constant air monitor
CAM	containment atmospheric monitoring
CAM	continuous air monitor
CAMEL	component and material evaluation loop
CAMFN	Centro Autònomo Militari Energia Nucleare (Italy)
CANDU	Canadian natural-uranium, heavy-water-moderated and -cooled power reactor
CANE	Connecticut Aircraft Nuclear Experiment
CAOC	constant axial offset control
CAP	continuous audit program
CAPCO	Central Area Power Coordination Group
CAPS	cell atmosphere processing system
CAPS	construction advanced planning and sequencing
CAR	condenser air removal
CAR	configuration acceptance review
CAR	control advisory release
CAR	corrective action report
CARA	Compagnie d'Applications et de Recherches Atomiques (France)
CARATOM	Compagnie d'Applications et de Recherches Atomiques (France)
CARS	containment atmosphere recirculation system
CAS	central alarm system
CAS	compressed air system
CASE	consolidated aerospace supplier evaluation
CAT	chemical addition tank
CAT	conditionally accepted tag

CAT	construction appraisal team
CAT	crack arrest temperature
CAVALIER	Cooperatively Assembled Virginia Low Intensity Educational Reactor
CB	containment building
CB	control building
CBAST	concentrated boric acid storage tank
CBECS	control building environmental control system
CBI	Chesapeake Bay Institute
CBI	Chicago Bridge and Iron Co.
CB&I	Chicago Bridge and Iron Co.
CBIN	Chicago Bridge and Iron Nuclear
CBL	Chesapeake Biological Laboratory
CBP	condensate booster pump
CBPC	Corn Belt Power Cooperative
CBPT	closed-loop in-reactor assembly backup plug tool
CBR	commercial breeder reactor
CBSR	coupled breeding superheating reactor
CBV	containment building ventilation
CC	coarse control
CC	component check
CC	component cooling
CCAS	containment cooling actuation signal
CCB	change control board
CCB	chemical cleaning building
CCCS	core component conditioning station
CCCS	core components cleaning system
CCD	coarse control damper
CCD	counter-current digestion
CCF	common cause failure
CCFA	common cause failure analysis
CCHEN	Comision Chilena de Energia Nuclear (Chile)
CCM Sulzer	Compagnie de Construction Mécanique Sulzer (France)
CCN	contract change notice
CCNB	Concerned Citizens for the Nuclear Breeder
CCNPP	Calvert Cliffs Nuclear Power Plant
CCP	chemical control procedure
CCP	core component pot
CCRC	core component receiving container
CCS	commitment control system
CCS	component cooling system
CCS	condensate cleanup system
CCS	condensate cooling system
CCS	containment cooling system
CCSW	component cooling service water
CCTL	core component test loop

CCTV	closed-circuit television
CCU	containment cooling unit
CCW	closed cooling water
CCW	component cooling water
CCW	compound cooling water
CCW	condenser circulating water
CCW	condenser cooling water
CCW	counterclockwise
CCWS	closed cooling water system
CCWS	component cooling water system
CD	civil defense
C/D	cooldown
CDA	containment depressurization actuation
CDA	core disruptive accident
CDBA	containment design-basis accident
CDC	Center for Disease Control
CDE	condensate demineralization effluent
CDF	core damage frequency
CDF	cumulative damage function
CDP	cask decontamination pit
CDR	conceptual design requirement
CDS	cask decontamination station
CDS	component disassembly station
CDS	conceptual design study
CDS	condensate demineralization subsystem
CDV	capacitance discharge vaporization
CE	conductivity element
CE	Corps of Engineers, U.S. Army
CE	Combustion Engineering
CE	Commonwealth Edison Co.
CEA	Cambridge Electron Accelerator
CEA	Chesapeake Energy Alliance
CEA	Commissariat à l'Énergie Atomique (France)
CEA	control element assembly
CEAC	control element assembly calculator
CEAN	Centre d'Études pour les Applications de l'Énergie Nucléaire (Belgium)
CEBELCOR	Centre Belge d'Étude de la Corrosion (Belgium)
CEC	Citizens Energy Council
CEC	Commission of the European Communities
CECO	Commonwealth Edison Co.
CECO	cost estimate change order
CECS	containment environmental control system
CEDM	control element drive mechanism
CEDMCS	control element drive mechanism control system
CEDS	control element drive system

CEEA	Comision Ecuatoriana de Energia Atomica (Ecuador)
CEEA	Communauté Européenne de l'Énergie Atomique
CEER	Center for Energy and Environment Research (Puerto Rico)
CEFILAC	Companie du Filage des Métaux et des Joint Curty (France)
CEGB	Central Electricity Generating Board (United Kingdom)
CEHA	contact equipment handling area
CEL	carbon equilibrium loop
CEM	Compagnie Électro-Mécanique (France)
CEN	Centre d'Étude de l'Énergie Nucléaire (Belgium)
CENC	Centre d'Études Nucléaires de Cadarache (France)
CENFAR	Centre d'Études Nucléaires de Fontenay-aux-Roses (France)
CENG	Centre d'Études Nucléaires de Grenoble (France)
CENS	Centre d'Études Nucléaires de Saclay (France)
CENUSA	Centrales Nucleares, S.A. (Spain)
CENY	Consolidated Edison Co. of New York
CEPC	Central Electric Power Cooperative, Inc.
CEQ	Council on Environmental Quality
CER	complete engineering release
CER	critical experiment reactor
CERC	Coastal Engineering Research Center
CERCA	Centre de Recherches pour Combustibles Atomiques (France)
CERCA	Compagnie pour l'Étude et la Réalisation de Combustibles Atomiques (France)
CERMET	ceramic and metal
CES	Critical Experiment Station
CESNEF	Centro di Studi Nucleari Enrico Fermi (Italy)
CESR	colliding electron-beam storage ring
CESSAR	Combustion Engineering Standard Safety Analysis Report
CET	critical experiment tank
CETIS	Centre Européen de Traitement de l'Information Scientifique
CETR	Consolidated Edison Thorium Reactor
CETS	control element test stand
CEVAR	consumable-electrode vacuum-arc remelt
CF	column feed
CF	confinement factor
CF	continuous flow
CF	core flooding
CFB	C. F. Braun and Co.
CFC	Constructions Ferroviaires du Centre, S.A. (Belgium)
CFCCS	condensate and feedwater chemistry control system
CFDT	Confederation Française Démocratique du Travail (France)
CFE	clandestine fission explosive
CFE	Comision Federal de Electricidad (Mexico)
CFI	core flooding system isolation valve interlock
CFM	containment failure mode
CFR	<u>Code of Federal Regulations</u>

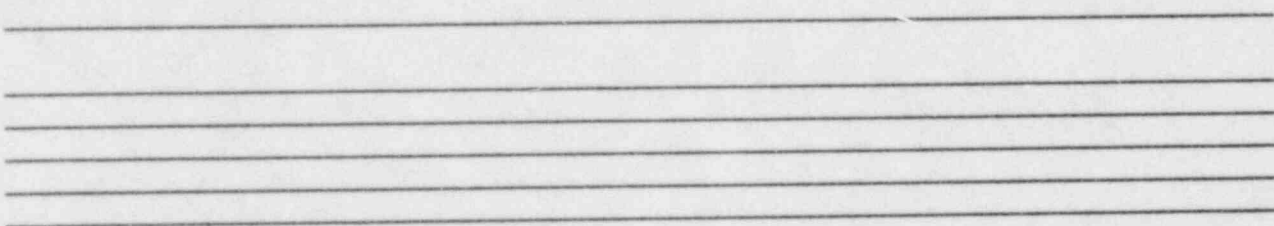
CFR	commercial fast reactor
CFR	condensate filter demineralizer
CFRE	circulating-fuel reactor experiment
CFRMF	Coupled Fast Reactor Measurement Facility
CFS	condensate and feedwater system
CFS	core former structure
CFT	core flooding tank
CFTC	cooler flusher tank cell
CFTE	cooler flusher tank equipment
CFW	condensate and feedwater
CFWS	condensate and feedwater system
CGCS	combustion gas control system
CGE	Canadian General Electric
CGEC	(incinnati Gas and Electric Co.
CGEL	cover gas evaluation loop
CGMS	cover gas monitoring subsystem
CHAP	Composite HTGR (high temperature gas reactor) Analysis Program
CHAT	CLIRA (closed-loop in-reactor assembly) holddown assembly tool
CHCF	component handling and cleaning facility
CHF	critical heat flux
CHFR	critical heat flux ratio
CHGE	Central Hudson Gas and Electric Corp.
C&HP	chemistry and health physics
CHRS	containment heat removal system
CHU	centigrade heat unit
CHWR	cooling/hot water return
C/HWR	cooling/hot water return
CI	chemical injection
CI	containment integrity
CI	containment isolation
C&I	control and instrumentation
CIA	containment isolation A
CIAS	containment isolation actuation signal
CIB	containment isolation B
CICAF	Compagnie Industrielle des Combustibles Atomiques Frites (France)
CID	component identification
CIEN	Comisión Interamericana de Energia Nuclear
CIEN	Commission Interamericaine de l'Energie Nucléaire
CIEN	Comissão Interamericana de Energia Nuclear
CILRT	containment integrated leak rate test
CIMI	Compagnia Italiana Montaggi Industriali, SpA (Italy)
CINDA	Computer Index of Neutron Data
C/IP	construction/inspection procedure
CIPC	Central Iowa Power Cooperative
CIR	Canada-India Reactor (India)

CIREA	Commission Interministérielle des Radioéléments Artificiels (France)
CIRGA	Critical Isotope Reactor, General Atomic Co.
CIRS	containment iodine removal system
CIS	chemical injection system
CIS	containment isolation signal
CIS	containment isolation system
CISDEN	Centrol Italiano di Studi di Diritto dell'Energia Nucleare (Italy)
CISE	Centro Informazioni Studi Esperienze, SpA (Italy)
CIT	conductivity indicator transmitter
CIV	center island vessel
CIV	combined intercept valve
CIV	combined intermediate valve
CIWA	condition identification work authorization
CL	closed loop
CL	containment leakage
CLAA	Centre Lyonnais d'Applications Atomiques (France)
CLC	closed-loop condensate
CLCGM	closed-loop cover gas monitor
CLCIS	closed-loop control and instrumentation system
CLCS	consequence limiting control system
CLCV	cold-leg check valve
CLCW	closed-loop cooling water
CLEI	Cleveland Electric Illuminating Co.
CLEM	closed-loop ex-vessel machine
CLIRA	closed-loop in-reactor assembly
CLIV	cold-leg isolation valve
CLJA	closed-loop jumper assembly
CLOF	complete loss of feedwater
CLP	Connecticut Light and Power Co.
CLRWS	clean liquid radioactive waste system
CLS	cask loading station
CLS	closed-loop system
CLSMDA	closed-loop-system meltdown accident
CMAA	Crane Manufacturers Association of America
CMC	component modification cards
CMC	core monitoring computer
CMEA	Council for Mutual Economic Assistance (U.S.S.R.)
CMEP	Critical Mass Energy Project
CMF	central maintenance facility
CMF	common mode failure
CMFA	common mode failure analysis
CMFLPD	core maximum fraction of limiting power density
CMI	care and maintenance instruction
CML	Critical Mass Laboratory

CMM	core mechanical mockup
CMMF	component maintenance and mockup facility
CMP	CLEM (closed-loop ex-vessel machine) maintenance pit
CMP	configuration management plan
CMP	controlled materials production
CMPC	Central Maine Power Co.
CMRG	core melt review group
CMRT	certified material test report
CNA	Canadian Nuclear Association
CNA	Centrale Nucléaire des Ardennes (Belgium)
CNB	Centrale Nucléaire Belge (Belgium)
CNC	condensation nuclei counter
CNEA	Comisión Nacional de Energía Atómica (Argentina)
CNEN	Comisión Nacional de Energía Nuclear (Mexico)
CNEN	Comitato Nazionale per l'Energia Nucleare (Italy)
CNEN	Conseil National de l'Energie Nucléaire (Luxembourg)
CNEUPEN	Commission Nationale pour l'Étude de l'Utilisation Pacifique de l'Énergie Nucléaire (Belgium)
CNFP	commercial nuclear fuel plant
CNI	Centrale Nucléaire Interescaut
CNI	Consolidated National Intervenors
CNR	Committee for Nuclear Responsibility
CNRAG	company nuclear review and audit group
CNRM	Centre National de Recherches Metallurgiques (Belgium)
CNRN	Comitato Nazionale per la Ricerche Nucleare (Italy)
CNRS	Centre National de la Recherche Scientifique (France)
CNS	Catawba Nuclear Station
CNS	Cherokee Nuclear Station
CNS	Cooper Nuclear Station
CNSNS	Comisión Nacional de Seguridad Nuclear y Salvaguardias (Mexico)
CNSR	combination neutron source rod
CO	check open
CO	chief operator
COBRA	coolant boiling and rod arrays
COCORP	Consortium of Continental Reflection Profiling
COD	chemical oxygen demand
COD	crack opening displacement
COE	Corps of Engineers, U.S. Army
COFINATOME	Compagnie de Financement de l'Industrie Atomique (France)
COGAP	combustion gas analyzer program
COLSS	core operating limit supervisory system
COLSS	core operating limit support system
COM	computer output on microfilm (or microfiche)
COMET	computer-operated management evaluation technique
COMRADEX	containment and meteorology for radiation exposure
COPPS	Committee on Power Plant Siting

CORAPRO	Contrôle-Radioprotection (Belgium)
COREN	Combusitibili per Reattori Nucleari, SpA (Italy)
CP	Callaway Plant
CP	change proposal
CP	charging pump
CP	Chicago Pile
CP	cold pipe
CP	column product
CP	construction permit
CP	construction procedures
CP	containment purge
CP	coolant pump
CP	critical power
C/P	current/pneumatic
CPA	Cooperative Power Association
CPC	Consumers Power Co.
CPC	contact process cell
CPC	controlled-potential coulometer
CPC	core protection calculator
CPC	core protection computer
CPCSF	construction permit containment support fixture
CPDD	conceptual project design description
CPE	contractor performance evaluation
CPFF	cost plus fixed fee
CP&L	Carolina Power and Light Co.
CPM	critical path method
CPP	coil power programmer
CPPR	construction permit power reactor
CPR	critical power ratio
CPRR	construction permit research reactor
CPS	Clinton Power Station
CPS	condensate polishing system
CPS	containment purge system
CPSC	Consumer Product Safety Commission
CPSCI	central personnel security clearance index
CPSES	Comanche Peak Steam Electric Station
CPU	central processing unit
CPVC	chlorinated polyvinyl chloride
CQE	cognizant quality engineer
CQE	critical quality element
CR	Chicago Reactor
C-R	Codd-Rennie
CR	conditional release
CR	containment rupture
CR	control rod
CR	control room

CRA	control rod assembly
CRAC	calculations of reactor accident consequences
CRACS	control room air conditioning system
CRAVS	control room area ventilation system
CRBR	Clinch River Breeder Reactor
CRBR	controlled-recirculation boiling-water reactor
CRBRP	Clinch River Breeder Reactor Plant
CRBRP	Clinch River Breeder Reactor Project
CRBRPO	Clinch River Breeder Reactor Program Office
CRC	critical reactor component
CRCPD	Conference of Radiation Control Program Directors
CRCTA	composite reactor components test activity
CRD	control rod drive
CRD	control rod driveline
CRDCS	control rod drive control system
CRDD	control rod disconnect driveline
CRDHS	control rod drive hydraulic system
CRDM	control rod drive mechanism
CRDMS	control rod drive mechanism shroud
CRDR/A	control room design review/audit
CRDS	control rod drive system
CRDVF	control rod drive ventilating fan
CRE	controlled residual element
CREDO	centralized reliability data organization
CREST	Committee on Reactor Safety and Technology
CRGR	Committee to Review Generic Requirements
CRGT	control rod guide tube
CRI	Centre de Recherches et d'Irradiations (France)
CRI	control room isolation
CRM	Centre de Recherches Métallurgiques (Belgium)
CRM	Centrum voor Research in de Metallurgie (Belgium)
CRM	certified reference material
CRM	core restraint mechanism
CRM	count rate meter
CRO	control room operator
CRP	Crystal River Plant
CRPI	control rod position indication
CRS	conductivity recording switch
CRS	containment recirculation spray
CRT	cathode-ray tube
CRTF	core restraint test facility
CRU	combined rotating unit
CRUD	Chalk River unidentified deposit
CRVICS	containment and reactor vessel isolation control system
CRWSS	condensate and refueling water storage system
CS	communications system



CS	component support
CS	containment safety
CS	containment spray
CS	core spray
CSA	chemical storage area
CSA	core special assembly
CSA	core structure accident
CSAS	containment spray actuating signal
CSB	core support barrel
CSC	containment spray cooling
CSC	core support cylinder
CSCS	core standby cooling system
CSD	cold shutdown
CSD	constant speed drive
CSDD	conceptual system design description
CSDF	core segment development facility
CSE	containment, steam explosion in
CSE	containment systems experiment
CSF	central service facility
CSF	condensate storage facility
CSF	containment support fixture
CSF	Coulter Steel and Forge
CSHX	containment spray heat exchange
CSIS	containment spray injection system
CSN	Consejo de Seguridad Nuclear (Spain)
CSNI	Committee on the Safety of Nuclear Installation
CSOEC	Columbus and Southern Ohio Electric Co.
CSP	containment spray pump
CSR	cable spreading room
CSRS	containment spray recirculation system
CSS	cask support structure
CSS	condensate storage system
CSS	containment spray system
CSS	core support structure
CST	condensate storage tank
CSTR	continuous-stirred tank reactor
CSTS	condensate storage and transfer system
CSTS	construction and startup/turnover surveillance group
CSWS	Central and Southwest Services, Inc.
CT	cable test
CT	CLEM (closed-loop ex-vessel machine) transporter
CT	cooling tower
CTD	charged tape detection
CTF	cask tilting fixture
CTI	Cooling Tower Institute
CTL	Canatom Ltd. (Canada)

CTM	cable transfer machine
CTM	collimation test module
CTOS	cassette operations system
CTP	construction test procedure
CTP	controlled temperature profile
CTR	certified test result
CTR	controlled thermonuclear reactor
CTRM	control room
CTS	concentrate transfer system
CTS	condensate transfer and storage
CTT	cask transfer tunnel
CTVC	cable trays vertical chase
CUC	cask unloading cell
CUP	cask unloading pool
CUSP	City Utilities of Springfield
CUWS	cask unloading warm shop
CV	control valve
CVA	consecutive-valve actuation
CVC	chemical and volume control
CVCS	chemical and volume control system
CVH	containment vent header
CVI	certified vendor information
CVI	containment ventilation isolation
CVN	Charpy V-notch
CVN	construction verification notification
CVPETS	condenser vacuum pump effluent treatment system
CVPSC	Central Vermont Public Service Corp.
CVPV	containment vacuum pump valve
CVTR	Carolinas-Virginia Tube Reactor
CW	circulating water
CW	cold-worked
CW	coluum waste
CW	cooling water
CWIP	construction work in progress
CWO	capital work order
CWP	contractor work plan
CWP	control withdrawal prohibit
CWPC	calcined waste packaging cell
CWPH	circulating water pumphouse
CWR	cooling water return
CWS	circulating water system
CWS	cooling water system
CX	column extractant
CX	criticality experiment
CY	calendar year
CYAP	Connecticut Yankee Atomic Power Co.
CYAPCO	Connecticut Yankee Atomic Power Co.

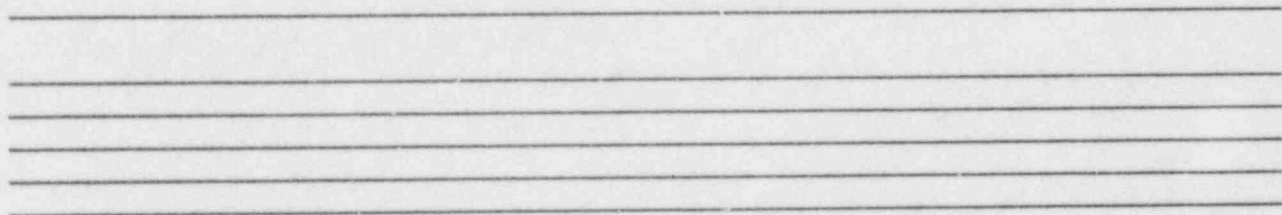
D

DA	deaerator
DA	dose assessment
DAE	Department of Atomic Energy (India)
DAEC	Duane Arnold Energy Center
DANATOM	Danish Association for Industrial Development of Atomic Energy
DAR	design assessment report
DAS	data acquisition system
DAS	disturbance analysis system
DALF	disconnect actuating tool
DATF	Deutsches Atomforum eV (West Germany)
DAVDS	data acquisition and visual display system
DAYP	Dairyland Power Cooperative
DB	dry bulb
DBA	design-basis accident
DBDA	design-basis depressurization accident
DBE	design-basis earthquake
DBE	design-basis event
DBF	design-basis fault
DBF	dominant bubble frequency
DBFB	deep-bed filter and blower
DBFL	design-basis flooding level
DBI	design-basis incident
DBNPS	Davis-Besse Nuclear Power Station
DBOA	delayed breeder or alternative
DBP	dibutyl phosphate
DBPB	design-basis pipe break
DBT	design-basis tornado
DC	data control
DC	design contractor
DC	drain channel
DCA	design change and authorization
DCA	Dosimeter Corporation of America
DCF	dose conversion factor
DCH	drain collection header
DCIR	daily Cadweld inspection report
DCN	design change notice
DCNPP	Diablo Canyon Nuclear Power Plant
DCNP	Donald C. Cook Nuclear Power Plant
DCR	direct conversion reactor
DCRDR	detailed control room design review

DCRN	dashpot cup retention nut
DCS	Document Control System
DCV	directional control valve
DCX	direct current experiment
D-D	deuterium-deuterium
DDD	direct distance dialing
DDH&DS	digital data handling and display system
DDR	deficiency and disposition report
DDS	digital data service
DDT	design data transmittal
DE	Detroit Edison Co.
DE	dose equivalent
DE	double-ended
DEA	driver evaluation assembly
DECLG	double-ended cold leg guillotine
DECO	Detroit Edison Co.
DEG	double-ended guillotine
DEGB	double-ended guillotine break
DEH	digital electrohydraulic
DEI	dose equivalent iodine
DEIS	draft environmental impact statement
DEMA	Diesel Engine Manufacturers Association
DEP	design external pressure
DEPS	double-ended pump suction
DER	design electrical rating
DER	double-ended rupture
DERE	Dounreay Experimental Reactor Establishment (Scotland)
DES	draft environmental statement
DESL	double-ended suction leg slot
DEW	Deutsche Edelstahlwerke, A.G. (West Germany)
DF	decontamination factor
dF	dilution factor (also Fd)
DF	dilution factor
D _f	dose factor
DF	dose factor
DFA	driver fuel assembly
DFA	dummy fuel assembly
DFC	design field change
DFFR	dynamic forcing function report
DFOS	diesel fuel oil system
DFP	diesel fire pump
DFR	Dounreay Fast Reactor (Scotland)
DFRP	downcomer flow resistance plate
DG	diesel generator
D/G	diesel generator
DG	diesel-engine generator

DGA	dummy guide assembly
DGAS	diesel generator auxiliary system
DGB	diesel generator building
DGCAIES	diesel generator combustion air intake and exhaust system
DGCWS	diesel generator cooling water system
DGFOSTS	diesel generator fuel oil storage and transfer system
DGLS	diesel generator lubrication system
DGSS	diesel generator starting system
DGZ	desired ground zero
DH	decay heat
DHHS	Department of Health and Human Services
DHI	department head instruction
DHP	department head procedure
DHR	decay heat removal
DHRS	decay heat removal system
DHRS	direct heat removal service
DHRS	direct heat removal system
DHS	decontamination hot shop
DHX	dump heat exchanger
DHXCS	dump heat exchanger control system
DIP	design internal pressure
DL	dead load
DL	Duquesne Light Co.
DLAT	discharge-line air temperature
DLL	discharge-line length
DLRWS	dirty liquid radioactive waste system
DLV	discharge-line volume
DLWL	discharge-line water-leg length
DM	demineralized
DMA	direct memory access
DMPL	Delmarva Power and Light Co.
DMT	dispersive mechanism test
DMTR	Dounreay Materials Testing Reactor (Scotland)
DMW	demineralized makeup water
DN	delayed neutron
DN	discrepancy notice
DNA	Defense Nuclear Agency
DNA	deoxyribonucleic acid
DNA	does not apply
DNB	departure from nucleate boiling
DNBR	departure from nucleate boiling ratio
DNM	delayed neutron monitor
DNMS	delayed neutron monitoring subsystem
DNPS	Dresden Nuclear Power Station
DNRC	Democritos Nuclear Research Center (Greece)
DO	designated official

DO	dissolved oxygen
DOC	Department of Commerce
DOD	Department of Defense
DOE	Department of Energy
DOG	dissolver off-gas
DOI	Department of Interior
DOJ	Department of Justice
DOP	detailed operating procedure
DOP	dioctyl phosphate
DOP	disaster operations plan
DOP	di-sec, octyl phthalate
DORF	Diamond Ordnance Radiation Facility
DOS	disk operations system
DOSAR	Dosimetry Applications Research Facility
DOT	Department of Transportation
DP	data processing
DP	differential pressure
D/P	differential pressure
DPC	Dairyland Power Cooperative
DPC	Duke Power Co.
DPD	decontamination as precursor to decommissioning
DPE	development project engineer
DPLC	Dayton Power and Light Co.
DPMM	dew point moisture monitor
DPP	drip pan pot
DPNS	Douglas Point Nuclear Station
DPR	demonstration power reactor
DR	Danish Reactor
DR	deficiency report
DR	discrepancy report
DRC	dropped rod control
D/RE	disassembly/reassembly equipment
DRES	direct reading emission spectrograph
DRF	dose reduction factor
DRPI	digital rod position indication
DRS	development requirements specification
DRS	disassembly/reassembly station
DRW	dirty radwaste
DS	decontamination shop
D/S	dynamic/static
DSC	design safety criterion/criteria
DSE	draft safety evaluation
DSIR	Department of Scientific and Industrial Research (United Kingdom)
DSL	drawing and specification listing
DSO	Director of Site Operations



D-T	deuterium-tritium
DTA	differential thermal analysis
DTPA	diethylenetriamine pentaacetic acid
DTR	document transmittal record
DTRF	data transmittal and routing form
DTRS	development test requirement specification
DTS	differential temperature switch
DTT	design thermal transient
DTT	design transition temperature
DTT	drag disc-turbine transducer
DUEGG	dual energy gamma group
DUN	Douglas United Nuclear
DUNC	deep underwater nuclear counting
DuP-SR	E. I. DuPont de Nemours and Company - Savannah River
DUTS	decision unit tracking system
DVM	digital volt meter
DW	dead weight
DW	demineralized water
DW	drywell
DWEDS	drywell equipment drain sump
DWFDS	drywell floor drain sump
DWG	drawing
DWICA	deep water isotopic current analyzer
DWK	Deutsche Gesellschaft für Wiederaufarbeitung von Kernbrennstoffen, m.b.H. (West Germany)
DWL	depressed water leg
DWL	drywell
DWMS	demineralized water makeup system
DWS	development work statement
DWST	demineralized water storage tank
DWT	drop weight test
DYNAL	dynamic analysis

E

EA	enforcement action
EA	environmental assessment
E&A	errata and addenda
E/A	errata and addenda
EAB	exclusion area boundary
EACC	Environmental Assessment Command Center
EACRP	European-American Committee on Reactor Physics
EACT	emergency action and coordination team
EAES	European Atomic Energy Society
EAL	emergency action level
EAL	equipment air lock
EAP	emergency assessment coordinator
EAP	experimental activity proposal
EAS	essential auxiliary support
EAS	experiment assurance system
EASE	elastic analysis for structural engineering
EASI	estimate of adversary sequence interruption
EAST	Eastern Utilities Associates
EB	electron beam
EBASCO	EBASCO Services Inc.
EBOR	Experimental Beryllium Oxide Reactor
EBR	Experimental Breeder Reactor
EBS	emergency broadcast system
EBTF	ECC (emergency core cooling) bypass test facility
EBWR	Experimental Boiling Water Reactor
EC	eddy current
EC	emergency coordinator
EC	European Communities
ECA	engineering change authorization
ECAR	East Central Area Reliability Coordination Agreement
ECC	emergency control center
ECC	emergency core coolant
ECC	emergency core cooling
ECCS	emergency core cooling system
ECF	emergency cooling function
ECFM	eddy current flow meter
ECI	emergency coolant injection
ECI	essential controls and instrumentation
ECN	Energieonderzoek Centrum Nederland (Netherlands)
ECN	engineering change notice

ECNG	East Central Nuclear Group, Inc.
ECNP	Environmental Coalition on Nuclear Power
ECP	engineering change proposal
ECP	estimated critical position
ECR	emergency coolant recirculation
ECR	estimate change request
ECS	emergency control station
ECS	environmental control shroud
ECS	environmental control system
ECST	emergency condensate storage tank
ECT	eddy-current test
ECT	emergency cooling tower
ECTS	electronic custom telephone set
ECTS	electronic custom telephone system
ECW	emergency cooling water
ECWP	emergency cooling water pond
ECWPH	emergency cooling water pumphouse
ED	exhaust damper
EDC	emergency decontamination center
EDCN	engineering drawing change notice
EDECWS	emergency diesel engine cooling water system
EDELS	emergency diesel engine lubrication system
EDESS	emergency diesel engine starting system
EdF	Électricité de France
EDG	emergency diesel generator
EDGCAIES	emergency diesel generator combustion air intake and exhaust system
EDM	electric discharge machining
EDM	electrical disintegration machining
EDN	engineering discrepancy notice
EDO	Executive Director for Operations, Office of
EDP	electronic data processing
EDRO	Executive Director of Regional Operations, Office of
EDS	experiment data system
EDT	energy dissipation test
EDT	equipment drain tank
EDTA	ethylenedinitrilo tetraacetic acid
EDTS	equipment drain treatment system
EEC	end of equilibrium cycle
EEC	European Economic Community
EEI	Edison Electric Institute
EEM	extrapolated endpoint method
EEPVS	electrical equipment protection room ventilation system
EERF	Eastern Environmental Radiation Facility
EESWS	emergency equipment service water system
EFAPP	Enrico Fermi Atomic Power Plant

EFAS	emergency feedwater actuation signal
EFCV	excess flow check valve
EFD	engineering flow diagram
EFDS	equipment and floor drainage system
EFI	Enrico Fermi Institute
EFFBR	Enrico Fermi Fast Breeder Power Reactor
EFNS	Educational Foundation for Nuclear Science
EFP	electric fire pump
EFPD	effective full-power day
EFPH	effective full-power hour
EFPM	effective full-power month
EFPY	effective full-power year
EFS	emergency feedwater system
EFW	emergency feedwater
EFWS	emergency feedwater system
EFWST	emergency feedwater storage tank
EG	emergency generator
EGCR	Experimental Gas-Cooled Reactor
EGTS	emergency gas treatment system
EH	electrohydraulic
EHC	electrohydraulic control
EHNP	Edwin I. Hatch Nuclear Plant
EHR	emergency heat removal
EHV	extra high voltage
EI	emergency injection
EI	engineering instruction
EIA	environmental impact appraisal
EIAP	environmental impact assessment project
EICC	emergency information and coordination center
EIP	emergency implementation procedure
EIR	Eidgenossisches Institute für Reaktorforschung (Switzerland)
EIR	engineering information request
EIR	equipment inoperable record
EIS	effluent inventory system
EIS	electrical and instrument shop
EIS	emergency injection system
EIS	environmental impact statement
EKG	effective kilogram
EL	Elettronucleare Italiana (Italy)
ELD	Executive Legal Director, Office of the
ELPHR	experimental low-temperature process heat reactor
ELT	environmental team leader
EM	electromagnetic
E/M	electromechanical
EM	elevation model
EM	environmental management

EM	evaluation model
E-MAD	Engineer-Maintenance Assembly-Disassembly
EMC	emergency management coordinator
EMC	engineering mockup critical experiment
EMI	electromagnetic interference
EMI	engineering and manufacturing instruction
EMO	electric motor operated
EMOV	electromagnetically operated valve
EMP	electromagnetic pulse
EMR	electromagnetic radiation
EMS	earthquake monitoring system
EMT	electrical metallic tubing
EMT	emergency management team
EMT	executive management team
EN	enforcement notification
ENDESA	Empresa Nacional de Electricidad, S.A. (Chile)
ENEA	European Nuclear Energy Association
ENEL	Ente Nazionale per l'Energia Elettrica (Italy)
ENI	L'Électro-Navale et Industrielle, S.A. (Belgium)
ENO	extraordinary nuclear occurrence
ENPI	Ente Nazionale Prevenzione Infortuni (Italy)
ENS	emergency notification system
ENS	European Nuclear Society
ENSA	Equipos Nucleares (Spain)
ENSI	Energia Nucleare Sud Italia (Italy)
ENUSA	Empresa Nacional del Uranio, S.A. (Spain)
ENUSA	Énergie Nucléaire, S.A. (Switzerland)
EO	emergency officer
EO	Executive Order
EOC	emergency operations center
EOC	end of cycle
EOCR	Experimental Organic Cooled Reactor
EOEC	end of equilibrium cycle
EOF	emergency operations facility
EOL	end of life
EOP	emergency operating procedure
EOS	equation of state
EOY	end of year
EP	electric power
E/P	electrical-to-pneumatic
EP	emergency preparedness
EP	emergency procedure
EP	equipment piece
EPA	Environmental Protection Agency
EPDC	Electric Power Development Co., Ltd. (Japan)
EPE	emergency preparedness evaluation

EPEC El Paso Electric Co.
 EPI Environmental Policy Institute
 EPIP emergency plan implementing procedure
 EPL environmental protection limit
 EPM engineering procedure memorandum/memoranda
 EPM environmental project manager
 EPR electromechanical potentiokinetic reactivation
 EPR essential performance requirement
 EPRG emergency planning review guideline
 EPRI Electric Power Research Institute
 EPRTCS emergency power ride-through capability system
 EPS electric power system
 EPSL emergency power switching logic
 EPT ethylene-propylene terpolymer
 EPZ emergency planning zone
 EQ equipment qualification
 ER emergency response
 ER environmental report
 ERA Economic Regulatory Administration
 ERA Energy Research Abstracts
 ERA Energy Reorganization Act
 ERB Experiment Review Board
 ERC emergency relocation center
 ERC Engineering Research Council
 ERCOT Electric Reliability Council of Texas
 ERCW emergency raw cooling water
 ERCW essential raw cooling water
 ERDA Energy Research and Development Administration
 ERF entrainment release factor
 ERF explosion release factor
 ERFIS emergency response facility information system
 ERG emergency response guidelines
 ERIS Emergency Response Information System
 ERL emergency reference level
 ERO engineering release order
 EROS earth resources observation system
 ERP elevated release point
 ERR Elk River Reactor
 ERS Economic Research Service
 ERSP earth resources survey program
 ERT emergency repair team
 ERT emergency response team
 ERTS environmental radiological technical specification
 ERTS environmental resources technology satellite
 EPZ emergency planning zone
 ES engineered safeguards

ES	extraction steam
ESADA	Empire States Atomic Development Associates
ESAS	engineered safeguards actuation system
ESCA	extended source calibration area
ESCO	Electrical Steel Company
ESCOM	Electricity Supply Commission (South Africa)
ESCWS	essential services cooling water system
ESD	extension shaft disconnect
ESF	engineered safety feature
ESFA	engineered safety feature actuation
ESFAS	engineered safety feature(s) actuation system
ESFS	engineered safety feature(s) system
ESFVS	engineered safety feature(s) ventilation system
ESG	Energy Systems Group
ESO	emergency support organization
E-Spec	equipment specification
ESR	early site review
ESR	electron spin resonance
ESR	experimental superheat reactor
ESRP	environmental standard review plan
ESRR	early site review report
ESS	electronic switching system
ES&S	engineering services and safety
ESS	evaporation/solidification system
ESSAR	early site safety analysis report
ESSAR	EBASCO Standard Safety Analysis Report
ESSE	EBASCO Site Support Engineering
ESSP	earliest scram set point
ESW	emergency service water
ESW	essential service water
ESWD	emergency service water discharge
ESWI	emergency service water intake
ESWS	emergency service water screening
ESWS	essential service water system
ESWSS	emergency service water supply system
ET	emergency tank
ET	executive team
ETA	equipment transfer aisle
ETC	estimated time of completion
ETEC	Energy Technology Engineering Center
ETG	electrical test group
ETP	equivalent top product
ETQAP	education and training in quality assurance practices
ETR	Engineering Test Reactor
ETS	environmental technical specifications
EUB	emergency utility building

EURATOM	European Atomic Energy Community
EV	evaporator vessel
EV	exhaust valve
EVA	early valve actuation
EVCC	ex-vessel core catcher
EVESR	ESADA (Empire States Atomic Development Associates) Vallecitos Experimental Superheat Reactor
EVFM	ex-vessel flux monitor
EVHM	ex-vessel handling machine
EVS	emergency ventilation system
EVST	ex-vessel storage tank
EVTM	ex-vessel transfer machine
EWEB	Eugene Water and Electricity Board
EWST	elevated water storage tank

F

F/A	fuel assembly
FA	fuel assembly
FA	full arc
FAA	Federal Aviation Administration
FAA	fresh acid add
FAB ISO	fabrication isometric
FAC	final acceptance criterion/criteria
FAF	Forum Atomique Français (France)
FAI	fail as is
FAPIG	First Atomic Power Industry Group (Japan)
FAR	Fontenay-aux-Roses Nuclear Research Center (France)
FARET	fast reactor test assembly
FAS	Federation of American Scientists
FAST	fuel aerosol simulation test
FAST	fuel assembly stability test
FATT	fracture appearance transition temperature
FAX	facsimile
FBC	fluidized bed combustion
FBFC	Société Franco-Belge de Fabrication de Combustible (France)
FBFS	fuel building filter system
FBR	fast breeder reactor
FBRF	Fast Burst Reactor Facility
FBV	fuel building ventilation
FC	fail closed
FC	fine control
FC	flow controller
FC	fuel cycle
FCA	field change authorization
FCD	fine control damper
FCD	functional control diagram
FCE	flexible critical experiment
FCI	fuel coolant interaction
FCN	field change notice
FCP	field change package
FRC	fast ceramic reactor
FRC	fast conversion ratio
FRC	field change request
FCS	Fort Calhoun Station
FCTT	fuel cladding transient tester
FCU	fan coil unit

FCV	flow control valve
Fd	dilution factor (also dF)
F/D	filter/demineralizer
F&D	finding and determination
FDA	final design acceptance
FDA	final design approval
FDA	final design authorization
FDA	Food and Drug Administration
FDAA	Federal Disaster Assistance Administration
FDA-EDRO	Food and Drug Administration, Office of Executive Director of Regional Operations
FDB	fahrenheit dry bulb
FDC	functional design criterion/criteria
FDDR	field deviation disposition request
FDI	field disposition instruction
FDM	frequency division multiplex
FDR	final design report
FDR	functional design requirement
FDT	floor drain tank
FDTs	floor drain treatment system
FDW	feedwater
FE	flow element
FEDAL	failed element detection and location instrument
FEF	fuel examination facility
FEF	fusion energy foundation
FEFP	fuel element failure propagation
FEFPL	fuel element failure propagation loop
FEIS	final environmental impact statement
FELAP	finite element analysis program
FEMA	Federal Emergency Management Agency
FEO	facility emergency organization
FERC	Federal Energy Regulatory Commission
FERD	fuel element rupture detection
FERMILAB	Fermi National Accelerator Laboratory
FES	final environmental statement
FF	filter factor
FF	fluorine facility
FFF	fuel failure fraction
FFI	full field investigation
FFLS	failed fuel location subsystem
FFM	fuel failure mockup
FFOB	fuel-handling operator booth
FFP	fuel fabrication plant
FFR	folded flow reactor
FFTF	Fast Flux Test Facility
FFTFPO	Fast Flux Test Facility Project Office

F

FFWT	final feedwater temperature
FG	fission gas
FGAA	Federal Government Accountants Association
FGEL	Fitchburg Gas and Electric Light Co.
FGM	fission gas monitor
FGS	Fulton Generating Station
FHB	fuel-handling building
FHBVI	fuel-handling building ventilation isolation
FH&RM	fuel handling and radioactive maintenance
FHC	fuel-handling cell
FHE	fuel-handling equipment
FHES	fuel-handling equipment system
FHP	fuel-handling procedure
FHPC	fuel-handling and preparation cell
FHS	fuel-handling system
FHSR	final hazards summary report
FI	flow indicator
FIA	Factory Insurance Association
FIEN	Forum Italiano dell'Energia Nucleare (Italy)
FIFO	first-in first-out
FIM	field inspection man. 1
FIMA	fission initial metal atom
FIP	field inspection procedure
FIPS	Federal information processing standard
FIR	Food Irradiation Reactor
FIRR	Federal Institute for Reactor Research (Switzerland)
FIRS	field incident radio system
FISC	fuel inspection and sampling cell
FIST	full integral simulation test
FIT	flow indicator transmitter
FLD	fuel loading data
FLECHT	full length emergency cooling heat transfer
FLIP	floating index point
FLIT	free limiting internal truss
FM	Factory Mutual
FM	frequency multiplier
FMEA	failure modes and effects analysis
FMEF	fuels and materials examination facility
FMF	fuel melt fraction
FMIT	fusion materials irradiation test
FMS	flux monitoring system
FNB	Forum Nucléaire Belge (Belgium)
FNP	floating nuclear plant
FNR	Ford Nuclear Reactor
FO	fail open
FOA	forced oil and air

FOE	Friends of the Earth
FOGG	feed-only-good generator
FOIA	Freedom of Information Act
FOL	facility operating license
FONUBEL	Forum Nucléaire Belge (Belgium)
FORATOM	Forum Atomique Européen
FORC	fluorinator off-gas recycle compressor
FOTA	fuels open test assembly
FP	fire protection
FP	fission product
FP	full power
FPC	Federal Power Commission
FPC	Florida Power Corporation
FPC	fuel pool cooling
FPCC	fuel pool cooling and cleanup
FPCCS	fuel pool cooling and cleanup system
FPCSTL	fission product control screening test loop
FPD	full-power day
FPDD	final project design description
FPDI	food processing development irradiator
FPEB	fuel pool exhaust blower
FPL	Florida Power and Light Co.
FPPH	fire protection pumphouse
FPPVS	fuel pool pump ventilation system
FPR	Federal procurement regulations
FPR	flexible plastic reactor
FPS	fire protection system
FPS	Fluor Power Services, Inc.
FPSL	fission product screening loop
FPT	feedwater pump turbine
FPWT	fuel pool water treatment
FR	<u>Federal Register</u>
FR	flow regulator
FRA	flow recorder and alarm
FRAB	fuel receiving air blower
FRAF	fuel receiving air filter
FRAMATOME	Société Franco-Américaine de Constructions Atomiques (France)
FRAP	fuel rod analysis program
FRAP-S	fuel rod analysis program - steady-state
FRAP-T	fuel rod analysis program - transient
FRB	Forschungs-Reaktor Berlin (West Germany)
FRC	Federal Radiation Council
FRC	flow recorder controller
FRC	Franklin Research Center
FRCS	flow recording controller switch
FRCTF	Fast Reactor Core Test Facility

FRD	formerly restricted data
FRF	fuel reprocessing facility
FRN	<u>Federal Register Notice</u>
FRP	fuel reprocessing plant
FRS	fast reactor safety
FRS	fixed radial shield
FRS	fuel receiving station
FRSF	fuel receiving and storage facility
FRTEF	fast reactor thermal engineering facility
FS	factor of safety
FS	far side
FS	flow switch
FSAR	final safety analysis report
FSC	Federal supply classification
FSCR	fuel storage control room
FSCS	fuel storage cable spread
FSEB	fuel storage exhaust blower
FSF	fuel storage facility
FSI	fluid structure interaction
FSN	Federal stock number
FSP	fuel storage pool
FSPA	fuel storage personnel area
FSPB	fuel storage processing building
FSPPR	Fast Supercritical Pressure Power Reactor
FS&R	filling, storage, and remelt
FSS	floor service station
FSVNGS	Fort St. Vrain Nuclear Generating Station
FT	flow transmitter
FTA	fault tree analysis
FTC	Federal Telecommunications Center
FTC	fuel transfer canal
FTE	FFTF (Fast Flux Test Facility) test engineering
FTL	full-term license
FTOL	full-term operating license
FTP	FFTF (Fast Flux Test Facility) test procedure
FTP	fuel transfer pool
FTP	fuel transfer port
FTR	fast test reactor
FTR	Federal travel regulation
FTRC	Federal Telecommunication Records Center
FTRIA	flow and temperature removable instrument(ed) assembly
FTS	Federal Telecommunications System
FTS	fuel transfer system
FT&SA	fuel transfer and storage assembly
FTTM	few-tube test model
FTTS	flow-through tube sampler

FUFO	fuel fusing option
FUSE	Floridians United for Safe Energy, Inc.
FV	floor valve
FVA	floor valve adapter
FW	feedwater
FW	field weld
FW	Foster Wheeler Corp.
FWB	fahrenheit wet bulb
FWC	feedwater control
FWCI	feedwater coolant injection
FWCS	feedwater control system
FWEC	Foster Wheeler Energy Corp.
FWHM	full width half maximum
FWPB	feedwater pipe break
FWPCA	Federal Water Pollution Control Act
FWSDR	final working system design review
FWSH	fresh water supply header
FY	fiscal year
FYP	five-year plan
FZS	Forschungszentrum Seibersdorf, G.m.b.H. (Austria)

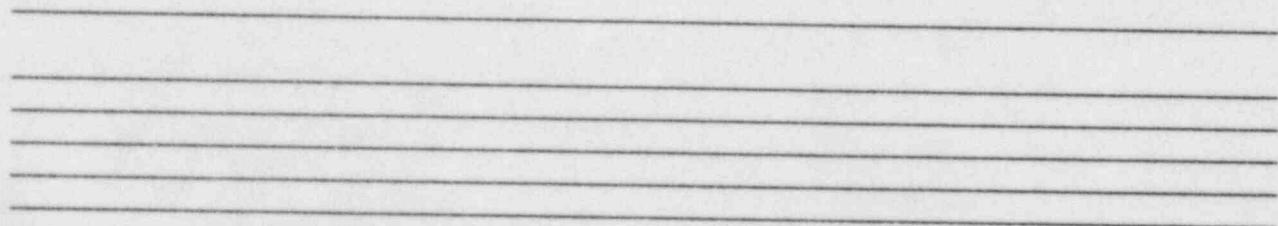
G

GA	gas analysis
GA	General Atomic Company
GA	grapple adapter
GAAA	Groupeement pour les Activités Atomiques et Avancées (France)
GAE	general analytical evaluation
GAEC	Greek Atomic Energy Commission
GAHF	grapple adapter handling fixture
GALE	gaseous and liquid effluent
GAMAS	General Atomic material assay system
GAO	General Accounting Office
GAP	Georgia Power Co.
GAP	Government Accountability Project
GASSAR	General Atomic Standard Safety Analysis Report
GASSAR	Gilbert Associates Standard Safety Analysis Report
GBR	gas-cooled breeder reactor
GBRA	Gas-Cooled Breeder Reactor Association (Belgium)
GBSR	graphite-moderated boiling and superheating reactor
GC	gas chromatograph
GC	General Counsel, Office of the
GCB	gravity cutback
GCBR	gas-cooled breeder reactor
GCFBR	gas-cooled fast breeder reactor
GCH	gas collection header
GCHWR	gas-cooled, heavy-water-moderated reactor
GCL	gas-cooled loop
GCNPP	Greene County Nuclear Power Plant
GCR	gas-cooled reactor
GCRA	Gas Cooled Reactor Associates
GCRE	Gas-Cooled Reactor Experiment
GDC	general design criterion/criteria
GDS	general declassification schedule
GDS	graphical display system
GDT	gas decay tank
GE	General Electric Co.
GEAP	General Electric Atomic Products
GEC	General Electric Co. (United Kingdom)
GEC	General Electrodynamics Corp.
GEIS	generic environmental impact statement
GERA	General Engineering Research and Applications (Belgium)
GES	generic environmental statement

GESMO	Generic Environmental Statement on Use of Mixed Oxide Fuel
GESSAR	General Electric Standard Safety Analysis Report
GETAB	General Electric Thermal Analysis Basis
GETR	General Electric Testing Reactor
GETSCO	General Electric Technical Services Co.
GFE	Government-furnished equipment
GFE&M	Government-furnished equipment and material
GFFD	gross failed fuel detector
GFK	Gesellschaft für Kernforschung, m.b.H. (West Germany)
GFP	Government-furnished property
GFY	Government fiscal year
GG	generator gas
GGA	Gulf General Atomic
GGNS	Grand Gulf Nuclear Station
GH	gate house
G&H	Gibbs & Hill, Inc.
GI	gastrointestinal
GIBBSAR	Gibbs and Hill, Inc., Standard Safety Analysis Report
GIFT	gas-insulated flow tube
GIIN	Groupe Intersyndical de l'Industrie Nucléaire (France)
GKN	Gemeenschappelijke Kernenergiecentrale Nederland N.V. (Netherlands)
GKN	Gemeinschaftskernkraftwerk Neckar, G.m.b.H. (West Germany)
GKT	Gemeinschaftskernkraftwerk Tullnerfeld, G.m.b.H. (Austria)
GKW	Gemeinschaftskraftwerk Weser, G.m.b.H. (West Germany)
GLASS	germanium-lithium-argon scanning system
GLEEP	Graphite Low-Energy Experimental Pile (United Kingdom)
GM	Geiger-Müller
GMAW	gas metal arc weld
GMPC	Green Mountain Power Corp.
GMT	Greenwich Mean Time
GNGS	Genoa Nuclear Generating Station
GNPP	Ginna Nuclear Power Plant
GNS	Gesellschaft für Nuklear-Service, m.b.H. (West Germany)
GORX	graphite oxidation from reactor excursion
GOS	group operating service
GP	general purpose
GPCL	general purpose closed loop
GPE	general purpose evaporator
GPL	general purpose loop
GPO	Government Printing Office, U.S.
GPP	general plant project
GPT	general plant telephone
GPU	General Public Utilities Corp.
GPUN	General Public Utilities Nuclear Corp.
GPUSC	General Public Utility Service Corp.

G

GRC	generation review committee
GRR	Greek Research Reactor
GRS	gaseous radwaste system
GRS	Gesellschaft für Reaktorsicherheit, m.b.H. (West Germany)
GRSA	General Radioquimica, S.A. (Spain)
GRT	general reactor technology
GS	gland seal
GSA	General Services Administration
GSB	general services building
GSC	gland seal condenser
GSC	gland steam condenser
GSD	generating significant dose
GSH	gas surge header
GSI	generic safety issue
GSLO	gland seal leakoff
GSPS	generating station protection system
GSR	gland steam regulator
GST	gas surge tank
GSU	generator stepup
GSU	Gulf States Utilities Co.
GTA	gas tungsten arc
GTA	guide tube assembly
GTAW	gas tungsten arc weld
GTG	gas turbine generator
GT-HTGR	gas-turbine high-temperature gas-cooled reactor
GTIG	Gamma Thermometer Interest Group
GTL	gaseous tritium light
GTR	Ground Test Reactor
GTRR	Georgia Tech Research Reactor
GTTF	Gas-Turbine Test Facility
GUNFCO	Gulf United Nuclear Fuels Corporation
GV	guard vessel
GWD	gaseous waste disposal
GWMS	gaseous waste management system
GWMS	gas-water module storage
GWPS	gaseous waste processing system
GWS	gaseous waste system



H

H/A	hand/automatic
HAA	head access area
HACL	Harvard Air Cleaning Laboratory
HAD	heat-activated device
HAD	heat-actuated device
HAN	hydroxylamine nitrate
HAP	hafnium column product
HAPS	Houston automatic priority spooling
HASL	Health and Safety Laboratory
HAW	hafnium column waste
HAW	high acid waste
HAX	hafnium column extractant
HAZ	heat-affected zone
HB	horizontal baffle
HBA	horizontal baffle assembly
HBPP	Humboldt Bay Power Plant
HBWR	Halden Boiling Heavy Water Reactor (Norway)
HCDA	hydrodynamic core-disruptive accident
HCDA	hypothetical core-disruptive accident
HCGS	Hope Creek Generating Station
HCLF	horizontal cask lifting fixture
HCM	hydraulic core mockup
HCS	hydrogen control system
HCSS	head compartment support structure
HCU	hydraulic control unit
HCV	hand control valve
HCV	hydraulic control valve
HDW	high-pressure demineralized water
HEARTHFIRE	High-Energy Accelerator Reactor for Thermonuclear Fusion with Ion (beam of) Relativistic Energy
HECTOR	Hot, Enriched, Carbon-Moderated, Thermal-Oscillator Reactor (United Kingdom)
HED	historical earthquake data
HED	human engineering discrepancy
HEDL	Hanford Engineering Development Laboratory
HEHF	Hanford Environmental Health Foundation
HEI	Heat Exchanger Institute
HELB	high-energy line break
HELCO	Hartford Electric Light Co.
HELP	Health and Energy Learning Project

HEM	homogeneous equilibrium model
HEPA	high-efficiency particulate air
HEPB	high-energy pipe break
HERALD	Heterogenous Experimental Reactor, Aldermaston (United Kingdom)
HERALD	High Enriched Reactor, Aldermaston (United Kingdom)
HERMES	Heavy Element and Radioactive Material Electromagnetic Separator (United Kingdom)
HERO	Hazards of Electromagnetic Radiation to Ordnance Reactor (United Kingdom)
HES	Hanford Engineering Service
HET	horizontal electrical tunnel
HETS	height equivalent to a theoretical stage
HEU	highly enriched uranium
HEW	Hamburgische Electricitäts-Werke, A.G. (West Germany)
HEX	uranium hexafluoride
HFBR	High-Flux Beam Reactor
HFCE ₂	High-Flux Critical Experiment 2
HFEF	hot fuel examination facility
HFIR	High-Flux Isotope Reactor
HFP	hot full power
HFR	High-Flux Reactor
HFT	hot functional testing
HG	hydrogen gas
HGE	hydraulic grade elevation
HGMS	high gradient magnetic separator
HG/NG	hydrogen gas/nitrogen gas
HHLR	Horace Hardy Lester Reactor
HHS	Health and Human Services, Department of
HHSI	high-head safety injection
HHW	high-heat waste
HIC	hand indicator controller
HI-C	high conversion critical
HID	high impact design
HID	high-intensity discharge
HIFAR	High-Flux Australian Reactor
HIFRENSA	Hispano-Francesa de Energia Nuclear, S.A. (Spain)
HIL	helium impurities loop
HILAC	heavy ion linear accelerator
HILC	high intermediate level cell
HIP	Hanford Isotopes Plant
HIRDL	High-Intensity Radiation Development Laboratory
HKG	Hochtemperatur-Kernkraftwerk, G.m.b.H. (West Germany)
HLC	high-level cell
HLCS	high-level compaction station
HLCV	hot-leg check valve
HLIV	hot-leg isolation valve

HLLWT	high-level liquid waste tank
HLNCC	high-level neutron coincidence counter
HLO	high-level override
HLP	Houston Lighting and Power Co.
HLSW	high-level solidified waste
HLW	high-level waste
HLWC	high-level waste calcination
HLWC	high-level waste concentrate
HLWD	high-level waste distillate
HLWF	high-level waste feed
HLWOG	high-level liquid waste off-gas
HLWS	high-level waste surge
HMS	Hanford Meteorology Survey
H&N	Holmes and Narver, Inc.
HNL	Holifield National Laboratory
HNP	Haddam Neck Plant
HNP	Hartsville Nuclear Plant
HNPF	Hallam Nuclear Power Facility
HO	hydraulic operator
HOG	head end off-gas
HOP	HEDL (Hanford Engineering Development Laboratory) overpower
HOTCE	hot critical experiment
HP	health physicist
HP	health physics
HP	high pressure
HP	high purity
HPC	health physics center
HPC	hot pipe chase
HPCI	high-pressure coolant injection
HPCIS	high-pressure coolant injection system
HPCS	high-pressure core spray
HPD	high-power density
HPFL	high-performance fuels laboratory
HPFP	high-pressure fire protection
HPI	high-pressure injection
HPIS	high-pressure injection system
HPN	health physics network
HPOF	high-pressure oil fill
HPP	health physics program
HP ²	hot processing plant
HPRR	Health Physics Research Reactor
HPRS	high-pressure recirculation system
HPS	Hanford Plant Standard
HPS	Health Physics Society
HPS	health physics station
HPSI	high-pressure safety injection

HPSIP	high-pressure safety injection pump
HPSW	high-pressure service water
HPSWS	high-pressure service water system
HPT	high-pressure turbine
HQ	Hydro-Quebec (Canada)
HR	hydrogen recombiner
HRB	Hochtempertur-Reaktorbau, G.m.b.H. (West Germany)
HRE	Homogeneous Reactor Experiment
HRPS	hydrogen recombination and purge system
HRS	heat rejection system
HRT	homogeneous reactor test
HS	hand switch
HS	hot shop
HSO	hydrogen seal oil
HSST	heavy section steel technology
HSW	heat sink welding
HSWH	high solid waste header
HTFFT	heat transfer fluid flow thermodynamics
HTGCR	High-Temperature Gas-Cooled Reactor (United Kingdom)
HTGCR	High-Temperature Gas-Cooled Reactor (Australia)
HTGR	high-temperature gas reactor
HTGR-CX	high-temperature gas reactor critical experiment
HTIS	heat transfer instrument system
HTL	heat transfer loop
HTLTR	High-Temperature Lattice Test Reactor
HTM	high trajectory missile
HTR	Hanford Test Reactor
HTR	high-temperature reactor
HTR	Hitachi Training Reactor (Japan)
HTRDA	High-Temperature Reactor Development Associates
HTRE	Heat Transfer Reactor Experiment
HTRI	Heat Transfer Research Institute
HTS	heat transfer system
HTS	heat transport system
HTSF	high-temperature sodium facility
HTV	half thickness value
H/U	heatup
HUGHES-NEL	Hughes Aircraft Company Nuclear Electronics Laboratory
HULP	Hudson Light and Power Dept.
HUT	HEDL (Hanford Engineering Development Laboratory) up transient
HV	hand valve
H&V	heating and ventilation
HVAC	heating, ventilation, and air conditioning
HVD	heaters, vents, and drains
HVDC	high-voltage direct current
HVH	hydrogen vent header

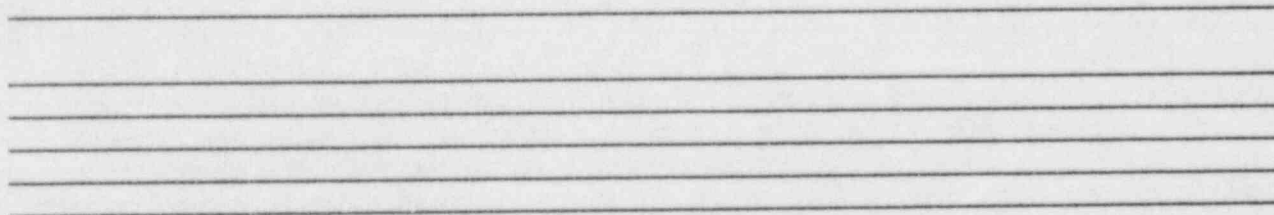
HVSU	heating and ventilating supply unit
HW	heavy water
HW	hot water
HW	hotwell
HWCTR	Heavy-Water Components Test Reactor
HWGCR	heavy-water-moderated gas-cooled reactor
HWH	hot water heating
HWLC	hotwell level control
HWLWR	heavy-water-moderated, boiling light-water-cooled reactor
HWP	Heavy-Water Plant
HWR	heavy-water reactor
HWR	hot water return
HWS	Hanford Works Specification
HWS	Hanford Works Standard
HX	heat exchanger
HYP0	High-Power Water-Boiler Reactor
HZP	hot zero power

IA	insertion approval
IA	instrument air
I/A	isolation amplifier
IAA	interim access authorization
IAC	interim acceptance criterion/criteria
IAD	immediate action directive
IAEA	International Atomic Energy Agency
IAEC	Israel Atomic Energy Commission
IAL	immediate action letter
IANEC	Inter-American Nuclear Energy Commission
IAP	Iowa Power
IAPMO	International Association of Plumbing and Mechanical Officials
IAS	instrument air system
IAT	information assessment team
IBA	inner blanket assembly
IBJ	Industrial Bank of Japan, Ltd.
IBJ	Instytut Badán Jadrowych (Poland)
IBSHR	Integral Boiling and Superheat Reactor
IC	indicating controller
I&C	instrumentation and control
IC	Internuclear Co.
IC	isolation condenser
ICA	item-control area
ICAR	interface control action request
ICB	interface control board
ICBWR	improved cycle boiling water reactor
ICC	inadequate core cooling
ICC	Interstate Commerce Commission
ICCU	inter-channel comparison unit
ICCW	in-containment chilled water
ICD	interface control diagram
ICD	interface control document
ICD	interface control drawing
ICES	integrated civil engineering system
ICI	ice condenser instrumentation
ICONS	Information Center on Nuclear Standards
ICP	instrument calibration procedure
ICP	inventory control point
ICRA	Interagency Committee on Radiological Assistance

ICRP	International Commission on Radiological Protection
ICRS	instrument calibration and recall system
ICRU	International Commission on Radiation Units and Measurements
ICS	instrumentation and control system
ICS	integrated control system
ICS	inter-communication system
ICSA	in-core shim assembly
ICSD	ionization chamber smoke detector
ID	inner diameter
ID	inside diameter
ID	inventory difference
IDA	intrusion detection alarm
IDCOR	Industry Degraded Core Rulemaking Program
IDEN	Instituto de Engenharia Nuclear (Brazil)
IDI	integrated design inspection
IDMS	isotope dilution mass spectrometry
IDR	independent design review
IDR	inspection discrepancy report
IDR	interface data report
IDS	interim decay storage
IDS	intermediate decay storage
IDS	isotope detection system
IDVP	independent design verification program
IE	initiating event
IE	Inspection and Enforcement, Office of
I&E	internally and externally
IE	irradiation effect
IEA	Instituto de Energia Atomica (Brazil)
IEA	International Energy Agency
IEAR	Instituto de Energia Atomica Reactor (Brazil)
IEB	Inspection and Enforcement Bulletin, Office of
IEC	International Electrotechnical Commission
IEC	Inspection and Enforcement Circular, Office of
IEEE	Institute of Electrical and Electronics Engineers
IELP	Iowa Electric Light and Power Co.
IEM	interim examination and maintenance
IEM CELL	interim examination and maintenance cell
IEMTF	interim examination and maintenance training facility
IEOTSG	integral economizer once-through steam generator
IES	Institute of Environmental Sciences
IES	irradiation effects simulation
IET	initial engine test
IFB	invitation for bids
IFCA	instrumentation to follow the course of an accident
IFCF	integrated fuel cycle facility
IFE	Institut for Energiteknikk (Norway)

IFTS	irradiated-fuel transfer system
IGA	intergranular attack
IGLD	International Great Lakes Datum
IGRP	inert gas receiving and processing
IGRPS	inert gas receiving and processing system
IGSCC	intergranular stress corrosion cracking
IGT	instrument guide tube
IHTS	intermediate heat transport system
IHX	intermediate heat exchanger
IHXGV	intermediate heat exchanger guard vessel
IIF	internals indexing fixture
IIGE	Iowa-Illinois Gas and Electric
IIRC	Incident Investigation Review Committee
IIT	Illinois Institute of Technology
IIT	Indian Institute of Technology
IKRD	inverse kinetics rod drop
ILC	intermediate level cell
ILIP	in-line instrument package
ILO	International Labour Organisation
ILPR	Illinois Power Co.
ILRT	integrated leak rate test
ILW	intermediate-level waste
ILWC	intermediate-level waste concentrate
ILWD	intermediate-level waste distillate
ILWF	intermediate-level waste feed
ILWS	intermediate-level waste storage
IM	integrated master
IMAS	impurity monitoring and analysis system
IMC	incident management center
IMCO	Inter-Government Maritime Consultative Organization
IMP	instrument maintenance procedure
IMPR	Indiana and Michigan Power Co.
IMS	in-core monitoring system
IN	Information Notice, Office of Inspection and Enforcement
INB	Internationale Natrium-Brutreaktor-Bau, G.m.b.H (West Germany)
INC	Idaho Nuclear Corporation
INCA	in-core analysis
INCB	International Nuclear Credit Bank
INCOT	in-core test facility
INEC	Idaho Nuclear Energy Commission
INEL	Idaho Nuclear Engineering Laboratory
INER	Institute of Nuclear Energy Research (Taiwan)
INFCE	International Nuclear Fuel Cycle Evaluation
INIS	International Nuclear Information System
INITEC	Empresa Nacional de Ingeniería y Tecnología, S.A. (Spain)

INLA	International Nuclear Law Association
INMM	Institute of Nuclear Materials Management
INPO	Institute of Nuclear Power Operations
INTERATOM	Internationale Atomreaktorbau, G.m.b.H. (West Germany)
INX	ion exchange
I/O	input-output
IORV	inadvertent opening of a safety/relief valve
I&P	inerting and preheating
IP	inspection procedure
IP	International Programs, Office of
IPB	illustrated parts breakdown
IPCEA	Insulated Power Cable Engineers Association
IPDD	initial project design description
IPF	iodine protection factor
IPL	initial program load
IPP	integrated plotting package
IPR	initial pressure regulator
IPS	Indian Point Station
IPS	interim policy statement
IPS	Iowa Public Service Company
IPS	iron pipe size
IPSAR	integrated plant safety assessment report
IR	information request
IR	inspection report
IR	intermediate range
IRAC	Interdepartmental Radio Advisory Committee
IRACT	incident response action coordination team
IRAP	Interagency Radiological Assistance Program
IRB	inside reactor building
IRB	Istituto Ricerche Breda, SpA (Italy)
IRC	incident response center
IRE	Institut National des Radioéléments (Belgium)
IREP	Integrated Reliability Evaluation Program
IRFM	integral reactor flow model
IRG	Interagency Review Group
IRM	intermediate range monitor
IRN	item removal notice
IRP	intermediate rotating plug
IRPA	International Radiation Protection Association (France)
IRPI	individual rod position indicator
IRR	Institute for Reactor Research (Switzerland)
IRR	Israeli Research Reactor
IRS	inquiry and reporting system
IRS	Institut für Reaktorsicherheit der Technischen Überwachungs- Vereine, e.V. (West Germany)
IRS	iodine removal system



IRVH	integrated reactor vessel head
IS	indicating switch
ISA	Instrument Society of America
ISAF	isotopic source adjustable fissionometer
ISAM	indexed sequential access method
ISAP	Integrated Safety Assessment Program
ISAS	isotopic source assay system
ISCA	Intersociety Committee on Methods for Ambient Air Sampling
ISCP	intermediate sodium characterization package
ISCT	inner seal collar tool
ISDF	intermediate sodium disposal facility
ISEG	independent safety engineering group
ISER	integral systems experimental requirement
ISFSI	independent spent fuel storage installation
ISI	inservice inspection
ISIS	integrated safeguards information system
ISMES	Istituto Sperimentale Modelli e Strutture (Italy)
ISO	International Standardization Organization
ISO/DWG	isometric drawing
ISP	industrial security plan
ISR	intermediate sodium removal
IST	integral simulation test
I&T	inspection and test
IT	instrument test
IT	instrument tree
ITAL	Instituut voor Toepassing van Atoomenergie in de Landbouw (Netherlands)
IT&AP	inspection test and analysis plan
ITF	interstitial transfer facility
ITFTRIA	instrument tree flow and temperature removal instrument assembly
ITRI	Industrial Technology Research Institute (Taiwan)
ITI	inspection/test instruction
ITMA	irradiation test management activity
ITMS	incore temperature monitoring system
ITR	instrument test rig
ITRIA	instrument tree removable instrument assembly
ITS	Idaho Test Station
IT/SP	instrument tree/spool piece
ITV	intermediate test vessel
IUINS	Institut Interuniversitaire des Sciences Nucléaires (Belgium)
IUPAC	International Union of Pure and Applied Chemistry
IUPAP	International Union of Pure and Applied Physics
IVHM	in-vessel handling machine
IVHM-EM	in-vessel handling machine-engineering model

IVHX	in-vessel heat exchanger
IVIC	Instituto Venezolano de Investigaciones Científicas (Venezuela)
IVO	Imatran Voima Osakeyhtio (Finland)
IVS	in-vessel storage
IVSM	in-vessel storage module
IVTM	in-vessel transfer machine
IWFS	industrial waste filtration system
IWGFR	International Working Group on Fast (Breeder) Reactors
IWRC	iron wire rope core
IWS/IT	integrated work sequence/inspection traveler
IWTS	industrial waste treatment system
IX	ion exchanger
IZ	isolation zone

J

JABE	John A. Blume and Associates, Engineers
JAEC	Japan Atomic Energy Commission
JAEP	Japan Atomic Energy Insurance Pool
JAERI	Japan Atomic Energy Research Institute
JAERO	Japan Atomic Energy Relations Organization
JAIF	Japan Atomic Industrial Forum
JAJ	J. A. Jones Company
JAPC	Japan Atomic Power Co.
JARRP	Japan Association for Radiation Research on Polymers
JCAE	Joint Committee on Atomic Energy
JCL	job control language
JCO	justification for continued operation
JCPL	Jersey Central Power and Light Co.
JCP&L	Jersey Central Power and Light Co.
JEA	Jacksonville Electric Authority
JEEP	Joint Emergency Evacuation Plan
JEEP	joint establishment experimental pile
JEN	Junta de Energía Nuclear (Spain)
JETR	Japan Engineering Test Reactor
JFNP	Joseph M. Farley Nuclear Plant
JFNPP	James A. FitzPatrick Nuclear Power Plant
JGC	Japan Gasoline Co., Ltd.
JGCR	Japan Gas-Cooled Reactor
JINR	Joint Institute for Nuclear Research
JPDR	Japan Power Demonstration Reactor (Japan)
JRR	Japanese Research Reactor
JSW	Japan Steel Works, Ltd.
JTG	Joint Test Group

K

KAERI	Korea Atomic Energy Research Institute
KAIF	Korea Atomic Industrial Forum
KALC	krypton absorption in liquid carbon dioxide
KANUPP	Karachi Nuclear Power Plant (Pakistan)
KAPL	Knolls Atomic Power Laboratory
KBG	Kernkraftwerk-Betriebsgesellschaft, m.b.H. (West Germany)
KBWP	Kernkraftwerk Baden-Wuerttemberg Planungsgesellschaft (West Germany)
KE	Kaiser Engineers
KEMA	Tot Keuring van Elektrotechnische Materialen, N.V. (Netherlands)
KERMA	kinetic energy released in material
KEWA	Kernbrennstoff-Wiederaufarbeitungs-Gesellschaft, m.b.H. (West Germany)
KEWB	Kinetic Experiment on Water Boilers
KFKI	Központi Fizikai Kutató Intézet (Hungary)
KGBS	krypton gas bottling station
KGE	Kansas Gas and Electric Company
KKB	Kernkraftwerk Brunsbüttel, G.m.b.H. (West Germany)
KKK	Kernkraftwerk Krümmel, G.m.b.H. (West Germany)
KK	Kernkraftwerk Leibstadt, A.G. (Switzerland)
KKN	Kernkraftwerk Niederaichbach, G.m.b.H. (West Germany)
KKP	Kernkraftwerk Phillipsburg, G.m.b.H. (West Germany)
KNFDI	Korea Nuclear Fuel Development Institute
KNP	Koshkonong Nuclear Plant
KNPP	Kewaunee Nuclear Power Plant
KNPS	Kuosheng Nuclear Power Station (Taiwan)
KRB	Kernkraftwerk RWE-Bayernwerk, G.m.b.H. (West Germany)
KRR	Kansai Research Reactor (Japan)
KSB	Klein, Schanzlin and Becker Aktiengesellschaft (West Germany)
KSF	Karen Silkwood Fund
KSGE	Kansas Gas and Electric Co.
KSH	Kernenergie-Gesellschaft Schlesweg-Holstein, m.b.H. (West Germany)
KSTR	Kema Suspension Test Reactor (Netherlands)
KTG	Kerntechnische Gesellschaft in Deutschen Atomforum, e.V. (West Germany)
KTS	Kerntechnische Sektion der Schweizerischen Vereinigung für Atomenergie (West Germany)
KWG	Kernkraftwerk Graben, A.G. (Switzerland)
KWL	Kernkraftwerk Lingen, G.m.b.H. (West Germany)

KWO Kernkraftwerk Obrigheim, G.m.b.H. (West Germany)
KWS Kernkraftwerk Sud, G.m.b.H. (West Germany)
KWU Kraftwerk Union Atiengesellschaft (West Germany)

K

L

LA	licensing assistant
LA	local alarm
LACBWR	LaCrosse Boiling Water Reactor
LAFM	Los Alamos Fuel Model
LAMPRE	Los Alamos Molten Plutonium Reactor Experiment
LAND	League Against Nuclear Dangers
LANL	Los Alamos National Laboratory
LAPL	Louisiana Power and Light Co.
LAPPES	large power plant effluent study
LAPRE	Los Alamos Power Reactor Experiment
LASL	Los Alamos Scientific Laboratory
LAW	low-acid waste
LAWB	Los Alamos Water Boiler
LBL	Lawrence Berkeley Laboratory
LBP	land-based plant
LBPR	lumped burnable poison rod
LC	level controller
LC	local control
LC	lock closed
LCCV	large-component cleaning vessel
LCHS	large-component handling system
LCL	lower control limit
LCM	LOCA (loss-of-coolant accident) core melt
LCO	limiting condition for operation
LCR	log count rate
LCRE	Lithium-Cooled Reactor Experiment
LCRM	linear count rate meter
LCS	leakage collection system
LCS	leakage control system
LCS	loop control system
LCTI	large components test installation
LCTL	large components test loop
LCV	level control valve
LCV	local control valve
LCVIP	licensee contractor vendor inspection program
LD	letdown
LD	lethal dose
LDCC	large-diameter component cask
L/DRS	level and density recorder switch
LDS	leak-detection system

LDST	letdown storage tank
LE	limit of error
LEAC	levelized energy adjustment clause
LED	light-emitting diode
LEFM	linear elastic fracture mechanics
LEID	limit of error of the inventory difference
LEL	large engineering loop
LEL	lower electrical limit
LEMUF	limit of error on material unaccounted for
LER	licensee event report
LES	limited early site
LESR	limited early site review
LET	linear energy transfer
LEU	license to export uranium
LEU	low enriched uranium
LFBR	liquid fluidized bed reactor
LFBR-CX	liquid fluidized bed reactor critical experiment
LGR	light-water-cooled, graphite-moderated reactor
LGS	lower group stop
LGS	Limerick Generating Station
LH	low head
LHGR	linear heat generation rate
LHM	loop-handling machine
LHS	loop-handling system
LHSI	low-head safety injection
LI	level indicator
LIC	level indicator controller
LIC	loop insertion cell
LIFO	last-in first-out
LILCO	Long Island Lighting Co.
LIM	lower inlet module
LIMB	liquid metal breeder
LIMSW	limit switch
LINAC	linear accelerator
LIRS	level indicator recording switch
LITR	Low Intensity Test Reactor
LIWB	Livermore Water Boiler
LLCS	low-level compaction station
LLD	low-level dose
LLFM	low-level flux monitor
LLLWT	low-level liquid waste tank
LLMPP	liquid level monitor port plug
LLNL	Lawrence Livermore National Laboratory
LLRT	local leak rate test
LLS	low-level solid
LLSV	low-level storage vault

LLSWV	low-level solid waste storage vault
LLTR	large leak test rig
LLW	low-level waste
LLWSV	low-level waste storage vault
LMEC	Liquid Metal Engineering Center
LMFBR	liquid metal fast breeder reactor
LMFR	liquid metal fuel reactor
LMFRE	liquid metal fuel reactor experiment
LMHX	liquid metal heat exchanger
LMTD	logarithmic mean temperature difference
LMWS	liquid-waste management system
LNG	liquid natural gas
LO	lock open
LO	lube oil
LOA	line of assurance
LOCA	loss-of-coolant accident
LOCE	loss-of-coolant experiment
LOCP	loss-of-coolant protection
LOCF	loss-of-coolant flow
LOF	loss of feedwater
LOF	loss of flow
LOFA	loss-of-flow accident
LOFC	loss of forced circulation
LOFT	loss of fluid test
LOFW	loss of feedwater
LOHS	loss of heat sink
LOI	loss of ignition
LOMF	loss of main feedwater
LOOP	loss of offsite power
LOP	loss of offsite power
LOPI	loss of pipe integrity
LOPRA	Low Power Reactor Assembly
LORD	licensing online retrieval data
LORDS	licensing online retrieval data system
LOSP	loss of offsite power
LOSP	loss of system pressure
LOST	lube oil storage tank
LOU	letter of understanding
L ^p	low pressure
LPC	loop preparation cask
LPCI	low-pressure coolant injection
LPCIS	low-pressure coolant injection system
LPCS	low-pressure core spray
LPD	linear power density
LPD	local power density
LPDR	local public document room

LPE	loop preparation equipment
LPG	liquified petroleum gas
LPG	low-pressure gas
LPGS	Liquid Pathway Generic Study
LPI	low-power injection
LPI	low-pressure injection
LPIS	low-pressure injection system
LP&L	Louisiana Power and Light Co.
LPLNG	low-pressure liquefied natural gas
LPM	licensing project manager
LPMA	loose-parts-monitor assembly
LPMS	loose-parts monitoring system
LPNGP	low-pressure noble gas processing
LPR	Lynchburg Pool Reactor
LPRM	local power range monitor
LPRM	low-power range monitor
LPRS	low-pressure recirculation system
LPSI	low-pressure safety injection
LPSIP	low-pressure safety injection pump
LPSW	low-pressure service water
LPT	liquid penetrant testing
LPT	low-pressure turbine
LPTF	low-power test facility
LPTR	Livermore Pool Type Reactor
LPZ	low-population zone
LR	level regulator
LR	load reject
LR	load rejection
LRC	level recorder controller
LRC	Lewis Research Center
LRG	license review group
LRIA	level removable instrument assembly
LRL	Lawrence Radiation Laboratory
LRM	lead reactor manufacturer
LRM	logarithmic radiation monitor
LRP	large rotating plug
LRS	level recording switch
LRS	liquid radwaste system
LS	level switch
LS	lighting system
LS	locked shut
LSA	low specific activity
LSCNS	LaSalle County Nuclear Station
LSDF	large sodium disposal facility
LSDP	Lake Superior District Power Co.
LSP	level setpoint

LSP	lower sequential permissive
LSR	Lynchburg Source Reactor
LSSP	latest scram setpoint
LSSS	limiting safety system setpoint
LSSS	limiting safety system setting
LT	level transmitter
LTBT	Limited Test Ban Treaty
LTD	letdown
LTL	lot truck load
LTM	low-trajectory missile
LTNGP	low-temperature noble gas process
LTR	Lattice Test Reactor
LTR	licensing technical review
LTR	Lockheed Training Reactor
LTSF	lid tank shielding facility
LTV	large test vessel
LUXATOM	Syndicat Luxembourgeois pour l'Industrie Nucléaire (Luxembourg)
LV	leaky valve
LVDT	linear variable differential transformer
LWA	limited work authorization
LWBR	light-water breeder reactor
LWCHW	light-water-cooled, heavy-water-moderated reactor
LWMS	liquid waste management system
LWP	liquid waste processing
LWPS	liquid waste processing system
LWR	light-water reactor
LWTS	laundry waste treatment system

M

M/A	manual or automatic
MAA	material access area
MAAP	material access authorization program
MACCT	multiple assembly cooling cask test
MAD	maintenance assembly-disassembly
MAELU	Mutual Atomic Energy Liability Underwriters
MAIN	Mid-American Interpool Network
MAIT	matrix analysis of insider threat
MAM	management and administration manual
MAN	Maschinenfabrik Augsburg-Nürnberg, A.G. (West Germany)
MAPI	Mitsubishi Atomic Power Industries, Inc. (Japan)
MAPLHGR	maximum average planar linear heat-generation rate
MARAD	Maritime Administration, U.S.
MARCA	Mid-Continent Area Reliability Coordination Agreement
MARCH	meltdown accident response characteristic
MASER	microwave amplification by stimulated emission
MAT	management advisory team
MB	mixed bed
MB-2	Model Boiler-Two
MBA	material balance area
MBO	management by objective
MBP	monobutyl phosphate
MBR	material balance report
MC	main condenser
MC	major component
MC	Mitsubishi Corporation
MC&A	material control and accounting
MCA	material control and accountability
MCA	maximum credible accident
MCA	multichannel analyzer
MCB	main control board
MCC	motor control center
MCES	main condenser evacuation system
MCHFR	minimum critical heat flux rate
MCHFR	minimum critical heat flux ratio
MCI	managed cost improvement
MCIS	materials compatibility in sodium
MCLAMS	measurement, control, LEID (limit of error of the inventory difference) and MUF (material unaccounted for) ID (inventory difference) simulation

MCPR	maximum critical power ratio
MCPR	minimum critical power ratio
MCRH	main control room habitability
MCRHS	main control room habitability system
MCS	master control station
MCV	movable closure valve
MD	measured discard
MDA	minimum detectable activity
MDC	maximum dependable capacity
MDCT	mechanical draft cooling tower
MDEFWP	motor-driven emergency feedwater pump
MDHR	mini-decay heat removal
MDL	minimum detectable limit
MDM	metal disintegration machining
MDM	modified diffusion method
MDP	master decommissioning plan
MDS	megawatt demand setter
MDU	motion detection unit
M&E	material and equipment
MEAG	Metropolitan Electric Authority of Georgia
MEED	Metropolitan Edison Co.
MECAS	multienergy californium assay system
MEGAS	multienergy gamma assay system
MEF	median energy of fission
MEFV	maintenance equipment floor valve
MEL	Mitsubishi Electric Corporation (Japan)
MERLIN	medium-energy light-water-moderated industrial nuclear reactor (United Kingdom)
MESF	minimum engineered safety feature
METAFRAM	Métallurgie Française des Poudres, S.A. (France)
MFC	master flow controller
MFCI	molten fuel coolant interaction
MFIV	main feedwater isolation valve
MFL	main feedwater line
MFP	main feed power
MFP	main feedwater pump
MFP	mixed fission product
MFPG	mixed fission products generator
MFPT	main feedwater pump turbine
MFPTC	main feed pump turbine condenser
MFS	Mobilization for Survival
MFT	multiprogramming with a fixed number of tasks
MFTA	multiduct fuel test assembly
MFV	main feedwater valve
MFV	maintenance floor valve
MFV	main feedwater

M

MFWLB	main feedwater line break
MFWV	main feedwater valve
MG	manual group
MG	motor generator
M-G	motor generator
M/G	motor generator
MGCR	maritime gas-cooled reactor project
MGCR-CX	maritime gas-cooled reactor critical experiment
MGEC	Madison Gas & Electric Co.
MGVC	manual governing valve control
MH-1A	Mobile High Power Plant, No. 1A
MHA	maximum hypothetical accident
MHC	mechanical-hydraulic control
MHD	magnetohydrodynamics
MHDC	magnetohydrodynamic conversion
MHFPR	maximum hypothetical fission-product release
MHI	Mitsubishi Heavy Industries, Ltd. (Japan)
MHNGS	Marble Hill Nuclear Generating Station
MHTS	main heat transport system
MI	manual individual
MI	mineral insulated
MIBK	methyl isobutyl ketone
MICDS	movable in-core detector system
MIDAS	Meteorological Information and Dose Acquisition System
MIDS	movable instrument drive system
MIMS	metal impact monitoring system
MIS	management information system
MIST	maximum isothermal system temperature
MIST	minor isotopes safeguards technique
MIST	multi-loop integral system test
MIT	Massachusetts Institute of Technology
MITI	Ministry of International Trade and Industry (Japan)
MITR	Massachusetts Institute of Technology Reactor
MKU	Mary Kathleen Uranium, Ltd. (Australia)
ML	manufacturing license
ML-1	Mobile Low Power Plant, No. 1
MLD	median lethal dose
MLD	mean low-water datum
MLHGR	maximum linear heat generation ratio
MLO	main lube oil
MLS	Medilab Select (Belgium)
MLW	mean low water
MLWMS	miscellaneous liquid-waste-management system
MM	modified Mercalli
MME	Mercantile Marine Engineering and Graving Docks Co., N.V. (Belgium)

MMG	motor-motor generator
MMWEC	Massachusetts Municipal Wholesale Electric Co.
MNGP	Monticello Nuclear Generating Plant
MMI	man/machine interface
MMI	modified Mercalli intensity
MMPA	Magnetic Material Producers Association
MNP	maximum negative pressure
MNPS	Millstone Nuclear Power Station
MNS	McGuire Nuclear Station
MO	mixed oxide
MO	modulate open
MO	motor operator
MOD	motor-operated disconnect
MONAL	mobile nondestructive assay laboratory
MOP	maintenance outline procedure
MORT	management oversight risk tree
MOTA	materials open test assembly
MOU	memorandum of understanding
MOV	motor-operated valve
MOX	mixed-oxide fuel
MP	maintenance procedure
MP	Midland Plant
MPA	multiplant action
MPAI	maximum permissible annual intake
MPC	maximum permissible concentration
MPC	Metals Properties Council
MPC	Montana Power Co.
MPD	maximum permissible dose
MPE	maximum permissible exposure
MPL	master parts list
MPL	maximum permissible level
MPL	mechanical properties loop
MP&L	Mississippi Power and Light Co.
MPO	manufacturing production order
M&PP	materials and plant protection
MPP	maximum positive pressure
MPR	mechanical pressure regulator
MPRE	medium power reactor experiment
MPRT	multipurpose rail transport
MPS	manpower system
MPSC	Maine Public Service Co.
MPT	magnetic particle testing
MPT	minimum pressurization temperature
MPX	multiplexer
MQS	motion to quash subpoena
MRBT	multirod burst test

MRC	Medical Research Council (United Kingdom)
MRI	material receiving instruction
MRMU	mobile radiological measuring unit
MRR	material receiving (inspection) report
MRR	Medical Research Reactor
MRS	manipulator repair shop
MRS	monitored retrievable storage
MRSS	main and reheat steam system
MS	main steam
MS	manual sequential
MS	margin of safety
MS	milestone
MSA	material surveillance assembly
MSA	mechanical signature analysis
MSA	mines safety appliance
MSAR	mines safety appliance research
MSB	main steamline break
MSBE	Molten Salt Breeder Experiment
MSBR	Molten Salt Breeder Reactor
MSCA	mixed spectrum critical assembly
MSCI	molten steel coolant interaction
MSG	modular steam generator
MSIS	main steam isolation signal
MSIV	main steam isolation valve
MSIVLCS	main steamline isolation valve leakage control system
MSL	main steam line
MSL	maximum stillwater level
MSL	mean sea level
MSLA	main steamline accident
MSLB	main steamline break
MSLD	mass spectrometer leak detector
MSLIVSS	main steamline isolation valve sealing system
MSM	master/slave manipulator
MSM	modified source multiplication
MSR	material status report
MSR	maximum steam rate
MSR	moisture separator reheater
MSR	Molten Salt Reactor
MSRE	Molten Salt Reactor Experiment
MSRV	main steam relief valve
MSS	main steam system
MSS	main support structure
MSS	Manufacturers Standardization Society of the Valve and Fittings Industry
MSS	mixed spectrum superheater
MSS	modified scram system

MSSCE	mixed spectrum superheater critical experiment
MSSR	mixed spectrum superheat reactor
MSSS	main steam supply system
MSV	mean square voltage
MS&W	maintenance shop and warehouse
MT	material transfer
MT	materials test
MT	melt through
MTBF	mean time between failures
MTC	moderator temperature coefficient
M&TE	measuring and test equipment
MTER	multitest evaluation report
MTF	mean time to failure
MTG	main turbine generator
MTI	Mechanical Technology, Inc.
MTL	materials test loop
MTL	Mobiltherm light
MTOS	magnetic tape operations system
MTPF	maximum total peaking factor
MTR	Materials Testing Reactor
MTS	module tracking system
MTRR	mean time to repair
MTU	module test unit
MU	makeup
MUF	material unaccounted for
MU&P	makeup and purification
MUR	management update and retrieval
MUR	Mock-Up Reactor
MUSE	Musicians United for Safe Energy
MUT	makeup tank
MUX	multiplexer
MVP	mechanical vacuum pump
MVS	multiple virtual storage
MVT	multiprogramming with a variable number of tasks
MWHT	miscellaneous waste holdup tank
MWO	maintenance work order
MWST	miscellaneous waste storage tank
MYAP	Maine Yankee Atomic Power Co.
MYAPP	Maine Yankee Atomic Power Plant
MZFR	Mehrzweck Forschungs Reaktor (West Germany)

N

N/A	not applicable
NA	not applicable
NA	not available
NAA	neutron activation analysis
NAB	Nuclear Assembly Building
NAC	national agency check
NAD	nuclear accident dosimetry
NAEC	North Anna Environmental Coalition
NAGRA	Nationale Genossenschaft für die Lagerung Radioaktiver Abfälle (Switzerland)
NAIG	Nippon Atomic Industry Group Co., Ltd. (Japan)
NAPCA	National Air Pollution Control Administration
NAPS	North Anna Power Station
NAPSIC	North American Power Systems Interconnection Committee
NAPUS	nuclear auxiliary power unit system
NARADCom	Natick Research and Development Command
NARM	naturally occurring and accelerator-produced radioactive materials
NARS	National Archives and Records Service
NARUC	National Association of Regulatory Utility Commissioners
NAS	National Academy of Sciences
NASA	National Aeronautics and Space Administration
NASAP	nonproliferation alternative systems assessment program
NAS-NRC	National Academy of Sciences - National Research Council
NAWAS	national warning system
NB	nuclear blank
NB	nuclear boiler
NBGEL	New Bedford Gas and Edison Light Co.
NBL	New Brunswick Laboratory
NBR	nuclear boiler rated
NBS	National Bureau of Standards
NBSR	National Bureau of Standards Reactor
NC	neutron controller
NC	normally closed
NCBR	near commercial breeder reactor
NCP	network control program
NCR	nonconformance report
NCR	notification of change report
NCRP	National Council on Radiation Protection and Measurements
NCRWS	National Campaign for Radioactive Waste Safety

NCS	national communications system
NCS	nuclear criticality safety
NCSAG	Nuclear Cross Section Advisory Group
NCSCR	North Carolina State College Reactor
NCVP	natural circulation verification program
ND	negative declaration
NDA	no detectable activity
NDA	nondestructive assay
NDC	nuclear data committee
NDCT	natural draft cooling tower
NDE	nondestructive examination
NDHX	natural draft heat exchanger
NDL	nuclear data link
NDT	nil ductility transition
NDT	nondestructive testing
NDTT	nil ductility transition temperature
NE	normally energized
NEA	Nuclear Energy Agency
NEA	Nuclear Engineering Associates
NEB	Nuclear Energy Board (Ireland)
NEC	National Electrical Code
NEC	nuclear energy center
NECAP	Nutmeg Electric Companies Atomic Project
NECO	Nuclear Engineering Company
NECSS	Nuclear Energy Center Site Survey
NEES	New England Electric System
NEGEA	New England Gas and Electric Association
NELIA	Nuclear Energy Liability Insurance Association
NELPIA	Nuclear Energy Liability Property Insurance Association
NEMA	National Electrical Manufacturers Association
NENE	Northeast Nuclear Energy Co.
NEP	New England Plant
NEPA	National Environmental Policy Act
NEPCO	New England Power Company
NEPIA	Nuclear Energy Property Insurance Association
NERA	National Economic Research Associates, Inc.
NERC	National Electric Reliability Council
NERC	National Environment Resource Council (United Kingdom)
NERC	Nuclear Energy Research Centre (Belgium)
NERHL	Northeastern Radiological Health Laboratory
NERV	nuclear emulsion recovery vehicle
NERVA	nuclear engine for rocket vehicle application
NESC	National Electric Safety Code
NESCWS	nonessential services chilled water system
NESF	normal engineered safety feature
NESP	National Environmental Studies Project



NEST	nuclear emergency search team
NETR	Nuclear Engineering Test Reactor
NEUSSN	Northeastern U.S. Seismic Network
NEUT	Northeast Utilities
NEVP	Nevada Power Co.
NEW	Nuclear Energy Women
NEWSAR	nuclear energy waste space transportation and removal
NF	neutron flux
NFC	no further consequences
NFCA	nonfuel core array
NFI	Nuclear Fuel Industries, Ltd. (Japan)
NFPA	National Fire Protection Association
NFRRC	nuclear fuel recovery and receiving center
NFS	Nuclear Fuel Services
NFSA	new fuel storage area
NG	noble gas
NGA	Nationale Gesellschaft zur Förderung der Industriellen Atomtechnik (Switzerland)
NGE	North Georgia Electric Membership Corp.
NGF	Natural Guard Fund
NGSF	noble gas storage facility
NI	nuclear instrumentation
NI	nuclear island
NIAC	Nuclear Insurance Association of Canada
NIC	Nuclear Industry Consortium (Belgium)
NIH	National Institutes of Health
NII	Nuclear Installations Inspectorate (United Kingdom)
NIM	nuclear instrument module
NIOSH	National Institute of Occupational Safety and Health
NIPA	notice of initiation of procurement action
NIPS	Northern Indiana Public Service Co.
NIRA	Nucleare Italiana Reattori Avanzati, SpA (Italy)
NIRB	Nuclear Insurance Rating Bureau
NIRNS	National Institute for Research in Nuclear Science (United Kingdom)
NIRS	National Institute of Radiological Sciences (Japan)
NIRS	Nuclear Information and Resource Service
NIS	nuclear instrumentation system
NISCO	Nuclear Inspection Services Company
NJBPU	New Jersey Board of Public Utilities
NJOAL	New Jersey Office of Administrative Law
NLI	National Lead Industries
NMCC	Nuclear Material Control Center (Japan)
NMEC	Northern Michigan Electric Cooperative, Inc.
NMIS	nuclear materials information system
NMIS	nuclear materials inventory system

NMMSS	nuclear materials management and safeguards system
NMP	national meter programming
NMP	Niagara Mohawk Power Corp.
NMPNS	Nine Mile Point Nuclear Station
NMS	national measurement system
NMS	neutron monitoring system
NMSS	Nuclear Material Safety and Safeguards, Office of
NMST	new materials system test
NNC	National Nuclear Corporation, Ltd. (United Kingdom)
NNCSC	National Neutron Cross Section Committee
NNDC	National Nuclear Data Center
NNEC	National Nuclear Energy Commission (Brazil)
NNECO	Northeast Nuclear Energy Co.
NNI	non-nuclear instrumentation
NNIS	non-nuclear instrumentation system
NNPA	Nuclear Non-Proliferation Act
NNS	non-nuclear safety
NNSDD	Newport News Shipbuilding and Dry Dock Company
NO	normally open
NOAA	National Oceanic and Atmospheric Administration
NOL	Naval Ordnance Laboratory
NOL	normal operating loss
NOP	normal operating procedure
NORCUS	Northwest College and University Association for Science
NOS	not otherwise specified
NOV	notice of violation
NOWUS	normal operation with unscram
NP	negative pressure
NPA	nuclear plant analyzer
NPC	Nuclear Power Co., Ltd. (United Kingdom)
NPC	Nuclear Power Corp. (United Kingdom)
NPCC	Northeast Power Coordinating Council
NPD	national policy debate
NPD	Nuclear Power Demonstration (Canada)
NPDB	Nuclear Plant Data Bank
NPDES	national pollution discharge elimination system
NPEC	Nuclear Power Engineering Committee
NPF	nuclear power facility
NPG	Nuclear Power Group, The (United Kingdom)
NPGS	nuclear power generating station
NPDB	Nuclear Plant Data Bank
NPIS	nuclear plant island structure
NPO	nuclear plant operator
NPPD	Nebraska Public Power District
NPR	New Production Reactor
NPRCG	Nuclear Public Relations Contact Group (Italy)

NPRDS	nuclear plant reliability data system
NPRF	Northrop Pulse Radiation Facility
NPS	numerical plotting system
NPSH	net positive suction head
NPSRA	Nuclear-Powered Ship Research Association (Japan)
NPTF	nuclear proof test facility
NQAA	Nuclear Quality Assurance Agency
NR	narrow resonance
NR	nonconformance report
NRAP	naturally radioactive product
NRB	Nonconformance Review Board
NRC	National Research Council, U.S.
NRC	Nuclear Regulatory Commission, U.S.
NRDC	National Resources Defense Council
NRDS	Nuclear Rocket Development Station
NREP	National Reliability Evaluation Program
NREP	neutron resonance escape probability
NRHE	nonregenerative heat exchanger
NRHX	nonregenerative heat exchanger
NRIM	narrow resonance infinite mass
NRL	Naval Research Laboratory (United Kingdom)
NRMA	Nuclear Records Management Association
NRPB	National Radiological Protection Board
NRR	Naval Research Reactor
NRR	Nuclear Reactor Regulation, Office of
NRRO	nuclear radiation-resistant oil
NRTS	National Reactor Test Station
NRW	nonradioactive waste
NRWV	nonradioactive waste vent
NRX	National Research Reactor
NRX	nuclear engine reactor experiment
NS	near side
NS	normally shut
NS	nuclear ship
NSA	<u>Nuclear Science Abstracts</u>
NSA	<u>Nuclear Systems Associates</u>
NSAC	Nuclear Safety Analysis Center
NSC	National Security Council
NSCR	Nuclear Science Center Reactor
NSDM	national security decision memorandum
NSF	National Sanitation Foundation
NSF	National Science Foundation
NSF	Nuclear Science Foundation
NSFP	non-sodium fire protection
NSI	national security information
NSIC	Nuclear Safety Information Center

NSMH	nuclear systems material handbook
NSOA	nuclear safety operational analysis
NSP	Northern States Power Co.
NSPP	nuclear safety pilot plant
NSPS	nuclear safety protection system
NSR	Neutron Source Reactor
NSRA	Nuclear Safety Research Association (Japan)
NSRB	Nuclear Safety Review Board
NSRL	Nuclear Structure Research Laboratory
NSRR	nuclear safety research reactor
NSS	nuclear steam system
NSSM	national security study memorandum
NSSS	nuclear steam supply system
NSSSS	nuclear steam supply shutoff system
NSWS	nuclear service water system
NT	neutron transmitter
NTCP	near-term construction permit
NTF	nuclear test facility
NTIS	National Technical Information Service
NTOL	near-term operating license
NTP	National Toxicology Program
NTP	normal temperature and pressure
NTP	nuclear test plant
NTR	Nuclear Test Reactor
NTS	Nevada Test Site
NTSB	National Transportation Safety Board
NUCLENOR	Centrales Nucleares del Norte, S.A. (Spain)
NUCLIT	Nucleare Italiana (Italy)
NUEXCO	Nuclear Exchange Corp.
NUFCOR	Nuclear Fuels Corp. of South Africa
NUMEC	Nuclear Materials and Equipment Corp.
NUMS	nuclear materials security
NUPEC	Nuclear Power Engineering Test Center
NURE	national uranium resource evaluation program
NUS	Nuclear Utilities Service
NVH	nitrogen vent header
NW	normal waste
NWCC	neutron well coincidence counter
NWL	normal water leg
NWP	Nuclear Waste Project
NWPA	Nuclear Waste Policy Act
NWS	National Weather System
NYSADA	New York State Atomic and Space Development Authority
NYSEG	New York State Electric and Gas Corp.

O

OA	operating authorization
OAB	Országos Atomenergia Bizottság (Hungary)
OAD	operational availability date
OAI	outside air intake
OARP	Operator Accelerated Retraining Program
OATP	operational acceptance test procedure
OBE	Office of Business Economics
OBE	operating-basis earthquake
OBERS	Office of Business Economics Research Service
OC	operating curve
OCA	Office of Congressional Affairs
OCB	oil (operated) circuit breaker
OCB	oil collection basin
OCDE	Organisation de Coopération et de Développement Économiques
OCFRE	Organic-Cooled Deuterium Reactor Experiment (Canada)
OCI	oxide control and indication
OCM	Office of the Commission
OCNGS	Oyster Creek Nuclear Generating Station
OCR	operational control record
OD	outside diameter
ODCM	offsite dose calculation manual
OE	operating engineer
OEC	Ohio Edison Co.
OECD	Organization for Economic Cooperation and Development
OFA	optimized fuel assembly
OG	off-gas
OGI	off-gas isolation
OGR	ORNL (Oak Ridge National Laboratory) Graphite Reactor
OGS	off-gas system
OGST	overthread guide sleeve tool
OH	Ontario Hydro (Canada)
OHLH	overhead heavy load handling
OHRS	overflow heat removal system
OHST	overhead storage tank
OHTCS	outer head temperature control system
OI	Office of Investigations
OI	optical isolator
OIA	Office of Inspector and Auditor
OIC	on-line instrument and control
OIP	operating internal pressure

OJT	on-the-job training
OL	operating license
OL	operator license
OLIP	on-line instrument package
O&M	operation and maintenance
OM	operations manager
O/M	oxygen-to-metal ratio
OMB	Office of Management and Budget, U.S.
OMCA	organic-moderated critical assembly
OMM	operation and maintenance manual
OMR	Organic-Moderated Reactor
OMRCA	organic-moderated reactor critical assembly
OMRE	Organic-Moderated Reactor Experiment
OMRR	Ordnance Material Research Reactor
ONS	Oconee Nuclear Station
OOS	out of sequence
OOS	out of service
OP	oxygen pressure
OPE	Office of Policy Evaluation
OPEC	Organization of Petroleum Exporting Countries
OPEN	Organisation des Producteurs d'Énergie Nucléaire (France)
OPERA	out-of-pile expulsion and reentry apparatus
OPFM	outlet plenum feature model
OPPD	Omaha Public Power District
OPR	offsite procurement request
OPR	open pool reactor
OPS	Offshore Power Systems
OPS	operational protection system
OPS	overpressure protection system
OPS	overpressurization protection system
OPST	out-of-pile systems test
OPT	optimization
OPX	off premise extension
OQA	operations quality assurance
OR	operating reactor
ORA	orifice rod assembly
ORAU	Oak Ridge Associated Universities
ORB	outside reactor building
ORC	on-line reactivity computer
ORE	occupational radiation exposure
ORFM	outlet region feature model
ORGDP	Oak Ridge Gaseous Diffusion Plant
ORIC	Oak Ridge Isochronous Cyclotron
ORNL	Oak Ridge National Laboratory
ORRR	Oak Ridge Research Reactor
ORSORT	Oak Ridge School of Reactor Technology

JRU Orange and Rockland Utilities, Inc.
OS operating system
OSC operational support center
OSG operations support group
OSHA Occupational Safety and Health Act
OSP operational surveillance program
OSS operational storage site
OST Office of Science and Technology
OSUR Ohio State University Reactor
OT operating temperature
OT operational technology
OTA Office of Technology Assessment
OTA open test assembly
OTC once-through cooling
OTIS once-through integral system
OTR Organic Test Reactor
OTSG once-through steam generator
OTSR once-through superheat reactor
OTTS operations training and technical services
OUO official use only
OWP operations work procedure
OWR Omega West Reactor
OWRR Office of Water Resources Research

P

PA	personnel area
PA	pressure alarm
PA	Privacy Act
PA	protected area
PA	Public Affairs, Office of
PA	public address
PA	purge alarm
PAA	primary auxiliary area
PAB	preliminary as-built
PAB	primary auxiliary building
PABX	private automatic branch exchange
PAC	protection auxiliary cabinet
PAC	public affairs coordinator
PACC	protected air-cooled condenser
PACE	plant acquisition and construction equipment
PACP	Pacific Power Co.
PACV	postaccident containment venting
PAD	performance analysis and design
PADS	plant alarm and display system
PAEC	Pakistan Atomic Energy Commission
PAEC	Philippine Atomic Energy Commission
PAG	protective action guide
PAHL	pressure alarm, high limit
PAHR	postaccident heat removal
PAIC	public address intercommunications system
PAL	permissive action link
PAL	personnel airlock
PAL	programmer assistance and liaison
PAL	prototype application loop
PAM	postaccident monitoring
PAMS	postaccident monitoring system
PAPAS	pin and pellet assay system
PAPUC	Pennsylvania Public Utility Commission
PAR	Pennsylvania Advanced Reactor
PAR	performance appraisal report
PAR	Pool Atómico Português (Portugal)
PAR	purchasing approval request
PARD	post-accident radioactivity depletion
PARR	Pakistan Atomic Research Reactor
PARR	postaccident radioactivity removal

PASNY	Power Authority of the State of New York
PAT	performance appraisal team
PAT	plutonium air transportable
PAX	private automatic exchange
PB	pipe break
PB	proportional band
PBA ^{PS}	Peach Bottom Atomic Power Station
PBE	prompt burst experiment
PBF	Power Burst Facility
PBNP	Phipps Bend Nuclear Plant
PBNP	Point Beach Nuclear Plant
PBR	pebble bed reactor
PBR	Plum Brook Reactor
PBRE	pebble bed reactor experiment
PBRF	Plum Brook Reactor Facility
PBS	pressure boundary subsystem
PBS	project breakdown structure
PBTF	pump bearing test facility
PBX	private branch exchange
PC	plant computer
PC	polar crane
PC	pressure controller
PC	process computer
PCA	pool critical assembly
PCA	primary control assembly
PCA	primary coolant activity
PCAM	punched card accounting machine
PCAS	primary central alarm station
PCB	printed circuit board
PCC	plutonium concentrator concentrate
PCC	process chemistry cell
PCD	plutonium concentrator distillate
PCD	power control device
PCDC	plutonium canister decontamination cell
PCETF	Power Conversion Equipment Test Facility
PCI	pellet clad interaction
PCIOMR	preconditioning interim operating management recommendation
PCIS	primary containment isolation system
PCL	permissible contamination limit
PCLDI	prototype closed-loop development installation
PCLS	prototype closed-loop system
PCLT	prototype closed-loop test
PCM	pending contractual matter
PCM	power cooling mismatch
PCN	procedure change notice
PCP	post-construction permit

PCP	primary coolant pump
PCP	process control program
PCP	program control procedure
PCPS	pool cooling and purification system
PCRB	personnel and control room building
PCRD	primary control rod driveline
PCRDM	primary control rod drive mechanism
PCRM	primary certified reference material
PCRS	primary control rod system
PCRV	prestressed concrete reactor vessel
PCS	passive containment system
PCS	plant computer system
PCS	plant control system
PCS	power conversion system
PCS	primary coolant system
PCS	process computer system
PCS	process control sheet
PCT	peak centerline temperature
PCT	peak cladding temperature
PCTF	plant component test facility
PCTR	Physical Constant Test Reactor
PCV	pressure control valve
PCV	pressurizer control valve
PD	population density
PD	population distribution
PDA	predocketed application
PDA	preliminary design acceptance
PDA	preliminary design approval
PDA	preliminary design assessment
PDA	preliminary design authorization
PDAS	plant data acquisition system
PDC	predocketed construction
PDD	projected decision date
PDD	prospective decision date
PDES	preliminary draft environmental statement
PDF	plant design factor
PDF	project design flood
PDH&DS	plant data handling and display system
PDIL	power-dependent insertion limit
PDP	positive displace pump
PDP	Process Development Pile
PDP	project definition phase
PDR	preliminary design report
PDR	pressurized deuterium reactor
PDR	public document room
PDRP	program data requirement plan

PDS	plant data system
PDS	power distribution system
PE	project engineer
PECO	Philadelphia Electric Co.
PEDS	protective equipment decontamination section
PEIS	programmatic environmental impact statement
PEMA	Pennsylvania Emergency Management Agency
PENELEC	Pennsylvania Electric Company
PEO	patrol emergency officer
PEO	plant equipment operator
PEPCO	Potomac Electric Power Co.
PEPR	precision encoder and pattern recognition
PERMS	process and effluent radiological monitoring system
PERMSS	process and effluent radiological monitoring and sampling system
PERT	program evaluation and review technique
PET	performance evaluation team
PETA	plutonium equipment transfer area
PEWS	plutonium equipment warm shop
PF	partition factor
PF	Progressive Foundation
PF	proposed finding
PF	purge fan
PFCS	primary flow control system
PFD	process flow diagram
PFE	plenum fill experiment
PFES	proposed final environmental statement
PFG	paper flow group
PFG	pipng and filter gallery
PFR	Prototype Fast Reactor (United Kingdom)
PFS	peripheral fixed shim
PGCC	power generation control complex
PG&E	Pacific Gas and Electric Co.
PGG	power generation group
PHA	pulse-height analyzer
PHERMEX	pulsed high-energy radiographic machine emitting X-rays
PHF	plug handling fixture
PHR	process heat reactor program
PHS	Public Health Service
PHSPS	preservation, handling, storage, packaging, and shipping
PHTS	primary heat transport system
PHWR	pressurized heavy-water-moderated and -cooled reactor
PHWR	pressurized heavy-water reactor
PI	physical inventory
P&I	pipng and instrumentation
PI	position indication

PI	pressure indicator
PI	process instrumentation
PI	purge isolation
PIC	pressure indicating controller
PIC	public information center
PID	partial initial decision
PID	pipng and instrumentation diagram
P&ID	pipng and instrumentation diagram
P&ID	process and instrumentation diagram
PID	proportional integral derivative
PIE	postirradiation examination
PIE	postirradiation experiment
PINGP	Prairie Island Nuclear Generating Plant
PINSTECH	Pakistan Institute of Nuclear Science and Technology
PIO	public information officer
PIOTA	postirradiation open test assembly
PIOTA	proximity-instrumented open test assembly
PIP	prototypic inlet pipng
PIPPAP	pile for producing power and plutonium
PIR	Petrolite Irradiation Reactor
PIRG	Public Interest Research Group
PIS	pressure-indicating switch
PIS	process instrumentation system
PL	panel left
PL	pipng load
PL	Public Law
P.L.	Public Law
PLATR	Pawling lattice test rig
PLBR	prototype large breeder reactor
PLC	powerline carrier
PLCEA	part-length control element assembly
PLCEDM	part-length control element drive mechanism
PLOCAP	post-loss-of-coolant-accident protection
PLS	precautions, limitations, and setpoints
PLT	Princeton Large Torus
PM	photomultiplier
PM	Portable Medium Power Plant
PM	pressure multiplier
PM	program manager
PMC	programmable machine controller
PMC	Project Management Corporation
PME	process and manufacturing engineering
PMF	probable maximum flood
PMH	probable maximum hurricane
PMI	plant manager instruction
PMIS	plant monitoring and information system

PMIS	precision mechanisms in sodium
PMM	pedestal-mounted manipulator
PMNP	platform-mounted nuclear plant
PMOG	plutonium maintenance and operating gallery
PMP	preoperational monitoring program
PMP	preventive maintenance procedure
PMP	probable maximum precipitation
PMS	performance measurement system
PMS	plant monitoring system
PMS	probable maximum surge
PMT	photomultiplier tube
PMU	plant makeup
PMWP	probable maximum winter precipitation
PN	plant normal
PN	preliminary notification
PNE	peaceful nuclear explosion
PNET	peaceful nuclear explosion treaty
PNO	preliminary notification
PNPF	Piqua Nuclear Power Facility
PNPP	Perry Nuclear Power Plant
PNR	Pittsburgh Naval Reactors Office
PNS	Perkins Nuclear Station
PNWL	Pacific Northwest Laboratories
PO	purchase order
POA	provisional operating authorization
POD	point of discharge
POG	pipng (instrumentation) and operating gallery
POGE	Portland General Electric Co.
POIS	prototype online instrument system
POL	provisional operating license
POM	position modulator
POP	peak overpressure
POP	proof of principle
POPR	prototype organic power reactor
POPS	pressurizer overpressure protection system
POR	plutonium organic recycle
PORACC	principles of radiation and contamination control
PORC	Plant Operations Review Committee
PORV	pilot-operated relief valve
PORV	power-operated relief valve
POS	plant operating system
POS	point of sale
PO	preliminary operating safety analysis
PP	Palisades Plant
PP	primary pressure
PPA	plutonium preparation area

PPA	Princeton-Pennsylvania Proton Accelerator
PPC	Pennsylvania Power Co.
PPC	plutonium process cell
PPC	plutonium product cell
PPDD	preliminary project design description
PPDIL	pre-power-dependent insertion limit
PPFR	plutonium product filter room
PP&L	Pennsylvania Power and Light Co.
PPL	Plasma Physics Laboratory
PPL	plutonium product loadout
PPP	portable plotting package
PPS	plant protection system
PPS	plutonium product storage
PPS	primary power system
PPS	pulses per second
PPSAS	program planning and status assessment system
PPSP	power plant siting program
PPSPS	plutonium product shipping preparation station
PPSV	plutonium product storage vault
PQAD	plant quality assurance director
PQAM	project quality assurance manager
PQR	procedure qualification record
PR	Philippine Reactor
PR	plant recovery
PR	power range
PR	pressure recorder
PR+	(reactor) pressure plus
PR	proposed rule
PRA	plutonium recycle acid
PRA	probabilistic risk assessment
PRB	Plant Review Board
PRB	Procedure Review Board
PRBSG	pseudo-random binary sequence generator
PRC	plutonium rework cell
PRC	pressure recorder controller
PRCF	plutonium recycle critical facility
PRD	potentially reportable deficiency
PRDC	Power Reactor Development Co.
PRE	processing refabrication experiment
PRF	penetration room filtration
PRG	procedure review group
PRM	personal radiation monitor
PRM	petition for rule making
PRM	power range monitor
PRM	process radiation monitor
PRM	proposal for rule making

PRNC	Puerto Rico Nuclear Center
PROS	Professional Reactor Operator Society
PRR	Pawling Research Reactor
PRR	Philippine Research Reactor
PRR	pressure rise rate
PRR	Puerto Rico Reactor
PRS	pressure response spectrum
PRS	process radiation sampler
PRSC	plutonium rework sample cell
PRT	pressurized relief tank
PRT	pressurizer relief tank
PRT	prompt relief trip
PRTR	Plutonium Recycle Test Reactor
PRV	pressure relief valve
PRVS	penetration room ventilation system
PRWRA	Puerto Rico Water Resources Authority
PS	Pilgrim Station
PS	power supply
PS	pressure switch
PSA	personnel and service area
PSA	probabilistic safety analysis
PSAR	preliminary safety analysis report
PSB	plant service building
PSC	plutonium stripping concentrate
PSC	Public Service Co. of Colorado
PSCD	plutonium stripping concentration distillate
PSD	power spectrum density
PSDD	preliminary system design description
PSE	pressurized subcritical experiment
PSE&C	power supply engineering and construction
PSE&G	Public Service Electric and Gas Co. of New Jersey
PSF	plutonium stripper feed
PSH	pressure switch, high
PSI	preservice inspection
PSID	preliminary safety information document
PSIN	Public Service Co. of Indiana, Inc.
PSMD	Public Service of Maryland
PSNH	Public Service Co. of New Hampshire
PSNM	Public Service Co. of New Mexico
PSNP	Pebble Springs Nuclear Plant
PSOK	Public Service Co. of Oklahoma
PSP	primary sodium pump
PSPGV	primary sodium pump guard vessel
PSPL	Puget Sound Power and Light Co.
PSQ	personnel security questionnaire
PSR	Pennsylvania State University Research Reactor

PSR	peripheral shim rod
PSR	procurement status report
PSRM	post-scrum reactivity monitor
PSS	primary sampling system
PSS	probabilistic safety study
PSS	process sampling system
PST	primary surge tank
PSTF	pressure suppression test facility
PSTF	proximity sensor test facility
PSTF	pump seal test facility
PSUR	Pennsylvania State University Reactor
PSWS	potable and sanitary water system
PT	penetrant test
PT	periodic test
PT	phototransistor
PT	pool temperature
PT	preoperational test
PT	pressure transmitter
PTC	passive thermal control
PTC	post-turnover change
PTI	pipe test insert
PTI	plugging temperature indicator
PTL	Pittsburgh Testing Laboratory
PTP	peak-to-peak
PTP	proximity test plug
PTR	Pool Test Reactor
PTR	Pool Training Reactor
PTR	Pressure Tube Reactor
PTR	programmer trouble report
PTR	Proof Test Reactor
PTS	pressurized thermal shock
PT/SP	pressure tube to spool piece
PTSR	pressure tube superheat reactor
PUA	plant-unique analysis
PUC	public utility commission
PUD	public utility district
PULSTAR	Pulse Training Assembled Reactor
PUP	peak underpressure
PUP	plutonium utilization program
PUR	Purdue University Reactor
PUSPATI	Pusat Penyelidikan Atom Tun Ismail (Malaysia)
PV	pressure valve
PVC	polyvinyl chloride
PVNGS	Palo Verde Nuclear Generating Station
PVRC	Pressure Vessel Research Committee
PVS	plant vent stack

PVTI	pipng and valve test insert
PW	potable water
P&W	Pratt and Whitney
PWHA	plutonium waste handling area
PWHT	post-weld heat treatment
PWR	pressurized-water reactor
PWST	protected water storage tank
PZR	pressurizer
PZR LCS	pressurizer level control system
PZR PCS	pressurizer pressure control system

Q

QA	quality assurance
QAC	quality assurance checklist
QAC	quality assurance criterion
QAI	quality assurance instruction
QAIP	quality assurance inspection procedure
QAIRG	Quality Assurance Installation Review Group
QAM	quality assurance manual
QA&O	quality assurance and operations
QAP	quality assurance procedure
QAP	quality assurance program
QAPI	quality assurance program index
QAPP	quality assurance program plan
QAR	quality assurance requirement
QAR	quality assurance representative
QC	quality control
QCIP	quality control inspection procedure
QCS	Quad-Cities Station
QE	quality engineer
QF	quality factor
QF	quality form
QHR	quality history record
QLR	quick look report
QO	quick opening
QOBV	quick-opening blowdown valve
QPM	quality program manager
QSR	quarterly statistical report
QTP	quality test plan
QV	quality verification

Q

R

RA	reduction of area
RA	rental agreement
RAB	reactor auxiliary building
RABNVS	reactor auxiliary building normal ventilation system
RABV	reflood assist bypass valve
RAC	radiological assessment coordinator
RACES	Radio Amateur Civil Emergency Service
RAD	rapid access data
RADS	radiation and dosimetry service
RAI	request for additional information
RAIP	requester's approval in principle
RAM	radioactive material
RAM	random access memory
RAMS	regulatory activities manpower system
RANN	Research Applied to National Needs Program
RAPS	radioactive argon processing system
RAPTUS	rapid thorium-uranium system
RAREF	radiation and repair engineering facility
RAS	reactor analysis and safety
RAS	recirculation actuation signal
RAS	remote acquisition station
RAT	radiological assessment team
RB	reactor building
RBA	radial blanket assembly
RBAL	reprocessing building analytical laboratory
RBCCW	reactor building closed cooling water
RBCR	reprocessing building control room
RBCS	reactor building cooling system
RBCU	reactor building cooling unit
RBE	relative biological effectiveness
RBEDT	reactor building equipment drain tank
RBESI	reactor building exhaust system isolation
RBHS	reactor building heating system
RBM	rod-block monitor
RBOF	receiving basin for offsite fuel
RBP	reactor building protection
RBS	reactor building spray
RBS	River Bend Station
RBSR	reprocessing building (cable) spreading room
RBVI	reactor building ventilation isolation

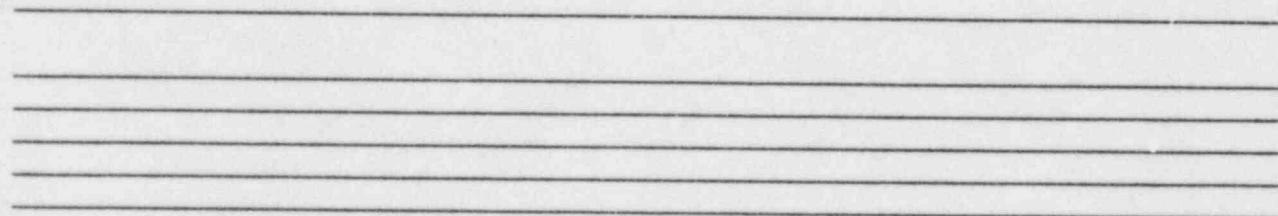
RBVPRM	reactor building vent process radiation monitor
RC	reactor cavity
RC	reactor coolant
RC	recording controller
RCB	reactor containment building
RCBHT	reactor coolant bleed holdup tank
RCBT	reactor coolant bleed tank
RCC	reactor closed cooling
RCC	rod cluster control
RCCA	rod cluster control assembly
RCDT	reactor coolant drain tank
RCE	reactor compatibility experiment
RCFC	reactor containment fan cooler
RCG	radioactivity concentration guide
RCG	recommended concentration guide
RCGM	reactor cover gas monitor
RCIC	reactor core isolation cooling
RCICS	reactor core isolation cooling system
RCL	reactor coolant loop
RCLC	reactor coolant letdown cooler
RCN	Reactor Centrum Nederland (Netherlands)
RCP	radiological control program
RCP	reactor characterization program
RCP	reactor coolant pump
RCPB	reactor coolant pressure boundary
RCRA	Resources Conservation and Recovery Act
R&CS	radiological and chemical support
RCS	reactor coolant system
RCT	response coordination team
RCT	rework/completion tag
RCTS	reactor coolant treatment system
RCV	radiation control valve
RCW	raw cooling water
RCW	reactor cooling water
RD	random driver
RD	receipt day
RD	requirements document
RD	restricted data
R&D	research and development
RDAT	remote data acquisition terminal
RDDM	reactor deck development mockup
RDH	radioactive drain header
RDOS	real-time disk operating system
RDP	reactor development program
RDSO	reliability design support document
RDI	reactor development and technology

R

RDT	reactor drain tank
RE	radiation equipment
RE	rare earth
REA	recycle acid
REA	Rural Electrification Administration
REBA	relativistic electron beam accelerator
REC	radiant energy conversion
RECHAR	recombiner charcoal adsorber
RECS	radiological emergency communications system
REETS	radiological effluent and environmental technical specification
REI	request for engineering investigation
REIC	Radiation Effects Information Center
REL	radiation evaluation loops
REL	reactor equipment limited
REMP	radiological environmental monitoring program
REP	radiological emergency plan
REP	resonance escape probability
RER	Radiation Effects Reactor
RER	representatives for experiment review
RERC	radiological emergency response coordination
RERO	radiological emergency response operation
RERP	radiological emergency response planning
RES	Nuclear Regulatory Research, Office of
RESAR	reference safety analysis report
RESL	Radiological and Environmental Sciences Laboratory
RETS	radiological environmental technical specification
REVAB	relief valve augmented bypass
REW	recycle water
RF	radio frequency
RF	release factor
RF	reply finding
RFB	Reaktorbau Forschungs und Baugesellschaft m.b.H. & Co. (Austria)
RFC	recirculation flow control
RFCS	recirculation flow control system
RFI	request for information
RFN	remote filter niche
RFP	reactor feed pump
RFP	request for proposal
RFP	reversed field pinch
RFPT	reactor feed pump turbine
RFQ	request for quotation
RFW	reactor feedwater
RFX	reversed field experiment
RG	regulated gallery
RG	regulatory guide
RG&E	Rochester Gas and Electric Corp.

RGM	radiogas monitor
RGR	rare-gas recovery
RH	relative humidity
RHC	reactor head cooling
RHR	residual heat removal
RHRP	residual heat removal pump
RHRS	residual heat removal system
RHRSW	residual heat removal service water
RHTS	reactor heat transport system
RHX	regenerative heat exchanger
RI	radiation indicator
R&I	removal and installation
RI	resonance integral
RI	reactor island
RIA	reactivity initiated accident
RIA	removable instrument assembly
RIAEC	Rhode Island Atomic Energy Commission
RIDS	receiving inspection data status report
RIDS	regulatory information distribution system
RIENA	Rassegra Internazionale Elettronica Nucleare ed Aerospaziale (Italy)
RII	receiving inspection instruction
RINA	Registro Italiano Navale (Italy)
RIOPR	Rhode Island Open Pool Reactor
RIP	receiving inspection plan
RIPS	radioisotope power supply
RIS	reporting identification symbol
RJE	remote job entry
RKS	Raadet foer Kaernkraftsaekerhet (Sweden)
RL	reactor licensing
RLOP	reactor licensing operating procedure
RLR	radioactive lighting rod
RM	radiation monitor
RM	radiation monitoring
RM	reactor manufacturer
RM	remote manual
RM	Resource Management, Office of
RM	rule making
RMAAS	reactivity monitoring and alarm system
RM&C	reactor monitoring and control
RMC	Radiation Management Corporation
RMC	remote manual control
RMCS	reactor manual control system
RMF	reactivity measurement facility
RMRM	radioactive materials reference manual
RMS	radiation monitoring system

RMS	radiological monitoring system
RMS	regulatory manpower system
RMS	remote manual switch
RMW	reactor makeup water
RMWS	reactor makeup water storage
RMWT	reactor makeup water tank
RO	reactor operator
RO	reportable occurrence
RO	restriction orifice
RO	reverse osmosis
ROD	release order directive
ROI	region of interest
ROM	read only memory
ROP	record of purchase
ROS	requisition on stores
ROW	requisition on warehouse
ROW	right of way
RP	reactor pressure
RP	reactor project
RP	release point
RPAM	regional public affairs manager
RPAS	reactor protection actuating signal
RPC	remote process cell
RPCC	remote process crane cave
RPCS	reactor plant control system
RPD	reactor plant designer
RPDF	radiation protection design feature
RPE	resource planning and evaluation
RPF	region peaking factor
RPF	right panel front
RPG	radiation protection guide
RPG	report program generator
RPI	relative position indication
RPI	rod position indicator
RPIS	rod position indication system
RPIS	rod position information system
RPP	radiation protection plan
RPS	reactor protection system
RPS	regulatory performance summary
RPST	reaction products separator tank
RPT	reactor for physical and technical
RPT	recirculation pump trip
RPV	reactor pressure vessel
R&QA	reliability and quality assurance
RQD	rock quality designation
RR	receiving report



RRA	Radiation Research Associates, Inc.
RRC	radiation recorder controller
RRC	reactor recirculation cooling
RRI	resident reactor inspector
RRRC	Regulatory Requirements Review Committee
RSC	reactor safety coordinator
RSD	relative standard deviation
RSHX	recirculation spray heat exchanger
RSK	Reaktorsicherheitskommission (West Germany)
RSNGS	Rancho Seco Nuclear Generating Station
RSO	radiation safety officer
RSO	reactor system outline
RSP	reactivity surveillance procedure
RSP	remote shutdown panel
RSP	rotating shield plug
RSR	radiological safety review
RSR	reactor safety research
RSS	reactor safety study
RSS	reactor shutdown system
RSSF	retrievable surface storage facility
RSSMAP	Reactor Safety Study Methodology Application Program
RSST	reserve station service transformer
RSW	raw service water
RT	radiographic test
RT	reactor trip
RTC	removable top closure
RTCB	run to cladding breach
RTD	resistance temperature detector
RTD	resistance temperature device
RTD	Röntgen Technische Dienst B.V. (Netherlands)
RTE	residual total elongation
RTG	radioactive thermoelectric generator
RTGB	reactor turbine generator board
RTL	radioisotope transport loop
RTM	regulatory technical memorandum
R/T Net	radio telephone network
RTO	reactor trip override
RTS	reactor trip system
RTS	refueling (water) transfer and storage
RTV	room temperature vulcanizing
R&U	repairs and utilities
RV	reactor vessel
RV	release valve
RV	relief valve
RV	Reactor Venezolano (Venezuela)
RVDP	relief valve discharge piping

RVIS	reactor and vessel instrumentation system
RW	raw water
RW	Ringsdorff-Werke, G.m.b.H. (West Germany)
RW	river water
RWA	radwaste area
RWB	rod withdrawal block
RWC	reactor water cleanup
RWCS	reactor water cleanup system
RWCU	reactor water cleanup
RWDS	radwaste disposal system
RWE	Rheinisch-Westfaelisches Elektrizitaetswerk A.G. (West Germany)
RWM	rod worth minimizer
RWP	radiation work permit
RWP	radwaste work permit
RWPC	radwaste process cell
RWPH	river water pumphouse
RWR	radioactive waste reduction
RWS	radwaste system
RWSF	radwaste solidification facility
RWSS	radwaste sample station
RWST	refueling water storage tank
RWT	refueling water tank
RWTA	river water treatment area
RWTS	regenerant waste treatment subsystem
RWV	radioactive waste vent

S

SA	safety analysis
SA	service air
S/A	subassembly
S&A	surveillance and accountability
SAAEB	South African Atomic Energy Board
SAD	safety analysis diagram
SAD	safety assurance diagram
SADE	superheat advanced demonstration experiment
SAFDL	specified acceptable fuel design limit
SAFE	safeguards automated facility evaluation
SAFE	Society for the Advancement of Fission Energy
SAFO	Swedish Atomic Forum
SAG	senior advisory group
SAI	Science Applications, Inc.
SAID	safety analysis input data
SAIGE	Società di Architettura Industriale per Gli Impianti di Generazione de Energia, SpA (Italy)
SALE	safeguards analytical laboratory evaluation
SALP	systematic assessment of licensee performance
SAM	stabilized assay meter
SAM	substitute alloy material
SAMA	Scientific Apparatus Makers Association
SAMIS	structural analysis and matrix inversion system
SAPS	Shippingport Atomic Power Station
SAR	safety analysis report
SAREF	safety research experiment facility
SARP	Severe Accident Research Plan
SARRP	Severe accident Risk Reduction Program
SAS	secondary alarm station
SAS	security agency study
SAS	service air system
SAS	station air system
SASA	severe accident sequence analysis
SAT	station auxiliary performer
SATNUC	Société pour l'Applications Techniques dans le Domaine de l'Énergie Nucléaire (France)
SAVS	safeguards area ventilation system
SBCS	steam bypass control system
SBGT	standby gas treatment
SBGTS	standby gas treatment system

SBK Schnell-Brüter-Kernkraftwerksgesellschaft, m.b.H
(West Germany)

SBLC standby liquid control

SBLOCA small-break loss-of-coolant accident

SBR Soviet Breeder Reactor

SBVS shield building vent(ilation) system

SC secondary confinement

SC site contingency

SC speed controller

SC surveillance compliance

SCA secondary control assembly

SCA simulated core assembly

SCA single-channel analyzer

SCA sneak circuit analysis

SCBA self-contained breathing apparatus

SCBR steam-cooled breeder reactor

SCC stress corrosion cracking

SCCS secondary chemical control system

SCCS sodium chemistry control system

SCCS standby core cooling system

SCD significant construction deficiency

SCDAP severe core damage analysis package

SCDMR steam-cooled deuteriated water-moderated reactor

SCE saturated calomel electrode

SCE Southern California Edison Co.

SCEAR Scientific Committee on the Effects of Atomic Radiation

SCEG South Carolina Electric and Gas Co.

SCEL small-component evaluation loop

SCF sodium cleaning facility

SCFBR steam-cooled fast breeder reactor

SCGA sodium-cooled graphite assembly

SCHS small-component handling system

SCK Studiecentrum voor Kernenergie (Belgium)

SCM simulated core mockup

SCM simulated core model

SCM steam condensing mode

SCN specification change notice

SCOA sample cave operating area

SCORE Standing Committee on Regulatory Effectiveness

SCPPS secondary containment purge and pressure control system

SCR selenium control rectifier

SCR silicon-controlled rectifier

SCR sodium-cooled reactor

SCRD secondary control rod driveline

SCRDM secondary control rod drive mechanism

SCRM secondary certified reference material

SCRS	secondary control rod system
SCRWC	Sierra Club Radioactive Waste Campaign
SCS	secondary coolant system
SCS	shutdown cooling system
SCS	sodium characterization system
SCS	Soil Conservation Service
SCSHX	shutdown cooling system heat exchange
SCSI	Southern Company Services, Inc.
SCSIN	Service Central de Sûreté des Installations Nucléaires (France)
SCTA	secondary container transfer area
SCTF	sodium chemical technology facility
SCTI	Sodium Component Test Installation
SCTL	small components test loop
SCUMRA	Société Centrale de l'Uranium et des Minéraux et Métaux Radioactifs (France)
SCV	steel containment vessel
SC	scram discharge
SD	shakedown
SD	shutdown
S/D	shutdown
SD	supply duct
SDA	supplier data approval
SDBCS	steam dump bypass control system
SDBU/CR	Small and Disadvantaged Business Utilization and Civil Rights, Office of
SDC	shield design code
SDC	shutdown cooling
SDC	structural design criteria
SDCC	small-diameter component cask
SDCS	shutdown cooling system
SDD	system design description
SDEM	Société d'Enterprise de Montages (France)
SDGE	San Diego Gas and Electric Co.
SDLC	synchronous data link control
SDM	shutdown margin
SDOF	single-degree-of-freedom
SDP	set-down pool
SDR	significant deficiency report
SDS	steam dump system
SDS	submerged demineralizer system
SDV	scram discharge volume
SE	safety evaluation
SE	shift engineer
SE	subcritical experiment
SEA	Susquehanna Environmental Advocates
SEAONC	Structural Engineers Association of Northern California

SEAR	safety evaluation audit report
SEAS	Strategic Environmental Assessment Systems
SEASET	separate effects and systems effects test
SECC	Safe Energy Communication Council
SECHT	scoping emergency cooling heat transfer
SECY	Secretary, Office of the
SEEN	Syndicat d'Études de l'Énergie Nucléaire (Belgium)
SEFOR	Southwest Experimental Fast Oxide Reactor
SEFR	Shielding Experiment Facility Reactor
SELNI	Società Elettronucleare Italiana (Italy)
SELO	Società Elettronica Lombarda (Italy)
SEM	scanning electron microscope
SEMO	Société Belgo-Française d'Énergie Nucléaire Mosane (Belgium)
SENA	Société d'Énergie Nucléaire Franco-Belge des Ardennes (France)
SENN	Società Elettronucleare Nazionale (Italy)
SENTA	Société d'Études Nucléaires et de Techniques Avancées (France)
SEP	site emergency plan
SEP	Systematic Evaluation Program
SER	safety evaluation report
SER	Sandia Engineering Reactor
SERC	Southeastern Electric Reliability Council
SERF	Sandia Engineering Reactor Facility
SERF	special environmental radiometallurgy facility
SERR	semiannual (radwaste) effluent release report
SES	steam electric station
SET	systems effects test
SETS	standardized environmental technical specification
SETU	Société d'Études et de Travaux pour l'Uranium (France)
SEUSSN	Southeastern United States Seismic Network
SF	source factor
SF	spent fuel
SFA	single failure analysis
SFA	standard fuel assembly
SFAS	safety features actuation signal
SFBI	spent fuel building isolation
SFCR	storage facility control room
SFCS	secondary flow control system
SFCS	spent fuel cooling system
SFCSR	storage facility cable spreading room
SFEN	Société Française d'Énergie Nucléaire (France)
SFP	spent fuel pit
SFP	spent fuel pool
SFPAVS	spent fuel pool area ventilation system
SFPCCS	spent fuel pool cooling and cleanup system
SFPCS	spent fuel pool cooling system
SFRCS	steam and feedwater line rupture control system

SFRCS	steam and feedwater rupture control system
SFRP	Société Française de Radioprotection (France)
SFS	steam and feedwater system
SFSP	spent fuel storage pool
SFTA	spent fuel transportation accident
SFTT	spent fuel transfer tube
SG	safety guide
SG	steam generator
S/G	steam generator
SGAE	Studiengesellschaft für Atomenergie, G.m.b.H (Austria)
SGAHRS	steam generator auxiliary heat removal system
SGAS	steam generator available signal
SGB	steam generator blowdown
SGB	steam generator building
SGBD	steam generator blowdown
SGBPS	steam generator blowdown processing system
SGBS	steam generator blowdown system
SGE	Société Générale d'Enterprises (France)
SGHWR	steam-generating heavy-water reactor
SGIS	safeguards initiation signal
SGLIC	steam generator level instrumentation cabinet
SGMSR	steam generator maximum steam rate
SGN	Société de Génie Nucléaire (France)
SGOG	Steam Generators Owners Group
SGR	self-generation reactor
SGR	sodium-graphite reactor
SGS	Salem Generating Station
SGS	segmented gamma scanner
SGS	steam generator system
SGTF	steam generator test facility
SGTR	steam generator test rig
SGTR	steam generator tube rupture
SGTS	standby gas treatment system
SGWLC	steam generator water level control
SHA	sodium hydroxide addition
SHA	solid homogeneous assembly
SHAA	sealed head access area
SHARE	systems for heat and radiation energy
SHE	semi-homogeneous experiment
SHF	storage-handling facility
SHI	Sumitomo Heavy Industries, Ltd. (Japan)
SHMED	State Hazardous Materials Enforcement Development
S/HNP	Skagit/Hanford Nuclear Project
SHNPP	Shearon Harris Nuclear Power Plant
SHRS	shutdown heat removal system
SHTL	small heat-transfer loop

SI	safety injection
SI	special instruction
SI	surveillance inspection
SIAS	safety injection actuation signal
SICN	Société Industrielle de Combustible Nucléaire (France)
SICS	safety injection control system
SID	sodium ionization detector
SIGEN	Società Impianti Generazione Energia Nucleare, SpA (Italy)
SICS	safety injection control system
SIHP	Sargent Industries, Huntington Park
SIMEA	Società Italiana Meridionale Energia Atomica (Italy)
SIN	Schweizerisches Institut für Nuklearforschung (Switzerland)
SINB	Southern Interstate Nuclear Board
SIO	Società per l'Industria dell'Ossigeno e de Altri Gas (Italy)
SIPI	Scientists' Institute for Public Information
SIR	safeguards implementation report
SIR	submarine intermediate reactor
SIRW	safety injection and refueling water
SIRWT	safety injection and refueling water tank
SIS	safety injection system
SISI	surveillance and in-service inspection
SIT	safety injection tank
SIT	safety injection transmitter
SITP	site inspection and test procedure
SJAE	steam jet-air ejector
SJWCP	skid jacket water cooling pump
SKA	Studienkommission für Atomenergie (Switzerland)
SL	safety limit
S&L	Sargent & Lundy Engineers
SL	section leader
SL	stationary low
SLAC	Stanford Linear Accelerator Center
SLB	steamline break
SLC	standby liquid control
SLCRS	supplementary leak collection and release system
SLCS	standby liquid control system
SLD	shutdown logic diagram
SLI	steamline isolation
SLIV	steamline isolation valve
SLO	single loop operation
SLO	State liaison officer
SLP	St. Lucie Plant
SLPS	State and local program support
SLSF	sodium loop safety facility
SLUC	standard level user charge
SLWMS	secondary liquid waste management system

SM	stationary medium (power plant)
SMACNA	Sheet Metal and Air Conditioning Contractors National Association
SMAW	submerged metal arc weld
SMBDB	structural margin beyond design basis
SMC	segmented maintenance cask
SMR	Shield Mock-up Reactor
SMR	solid moderated reactor
SMTI	sodium mechanisms test installation
SMSA	standard metropolitan statistical area
SMUD	Sacramento Municipal Utility District
S/N	serial number
SNAME	Society of Naval Architects and Marine Engineers
SNAP	shielded neutron assay probe
SNAP	Struthers Nuclear and Process Co.
SNAP	systems for nuclear auxiliary power
SNE	Sociedad Nuclear Española (Spain)
SNEC	Saxton Nuclear Experimental Corp.
SNEC	subgroup on nuclear export coordination
SNERP	Saxton Nuclear Experimental Reactor Project
SNG	synthetic natural gas
SNI	Società Nucleare Italiana (Italy)
SNM	Society for Nuclear Medicine
SNM	special nuclear material
SNP	Skagit Nuclear Project
SNPP	Sequoyah Nuclear Power Plant
SNPS	Shoreham Nuclear Power Station
SNR	slow neutron reactor
SNR	supplier nonconformance report
SNS	Seabrook Nuclear Station
SNUPPS	Standardized Nuclear Unit Power Plant System
SO	Siemens Osterreich (Austria)
SOCCS	summary of component control status
SOCIA	Société pour l'Industrie Atomique (France)
SOD	Société d'Études pour l'Obtention du Deuterium (France)
SODERN	Société d'Études et Réalisations Nucléaires (France)
SOE	sequence of events
SOICS	summary of installation control status
SOL	senior operator license
SOM	shift operations manager
SONGS	San Onofre Nuclear Generating Station
SOP	standard operating procedure
SOPR	Spanish Open Pool Reactor
SOPREN	Società Progettazione Reattori Nucleari, SpA (Italy)
SORC	Station Operations Review Committee
SORIN	Società Ricerche Impianti Nucleari (Italy)

SP	State Programs, Office of
SP	sampling point
SP	security procedure
SP	setpoint
SP	special project
SP	special purpose
SP	surveillance procedure
SPACS	sodium purification and characterization system
SPC	standby pressure control
SPC	stored program controller
SPDS	safety parameter display system
SPERT	special power excursion reactor test
SPES	Simulazione PWR per Esperienze di Sicurezza (Italy)
SPF	site population factor
SPF	standard project flood
SPGD	self-powered gamma detector
SP/HD	spool piece head
SPI	site population index
SPIAM	sodium purity in-line analytical module
SPIN	Società per Imprese Nucleare, SpA (Italy)
SPMS	suppression pool makeup system
SPND	self-powered neutron detector
SPOUT	system peripheral output utility
SPR	Sandia Pulsed Reactor
SPRF	Sandia Pulsed Reactor Facility
SPS	secondary plant system
SPS	standard project storm
SPS	supplementary protection system
SPS	Summit Power Station
SP/SC	shield plug/support cylinder
SPSC	Southwestern Public Service Co.
SPSS	shield plug storage station
SPT	special purpose test
SPT	standard penetration test
SPTF	sodium pump test facility
SPV	storage process vent
SPVR	storage process vent room
SPX	superheat power experiment
SQR	supplier quality representative
SQRT	Seismic Qualification Review Team
S/R	safety relief
SR	safety rod
SR	source range
SR	support reaction load
SR	surveillance requirement
SRB	Safety Review Board

SRBT	single-rod burst test
SRC	Science Research Council (United Kingdom)
SRC	shutdown reactor cooling
SRC	spares receiving checklist
SRCAS	safety-related control air system
SRCI	safety-related control and instrumentation
SRD	shipper-receiver difference
SRDA	sodium removal development apparatus
SRDI	safety-related display instrumentation
SRE	Sodium Reactor Experiment
SRFM	source range flux monitor(ing)
SRGS	St. Rosalie Generating Station
SRH	switchyard relay house
SRHC	shutdown reactor head cooling
SRI	senior resident inspector
SRI	Stanford Research Institute
SRIAER	Scientific Research Institute for Atomic Energy Reactors (USSR)
SRM	source range monitor
SRM	standard reference material
SRO	senior reactor operator
SRO	specification release order
SROA	safety-related operator action
SRP	Savannah River Plant
SRP	Standard Review Plan
SRP	small rotating plug
SRRC	Standing Results Review Committee
SRS	sodium removal station
SRS	solid radwaste system
SRSS	square root of the sum of the squares
SRT	special review team
SRT	spent resin tank
SRTI	Société de Recherches Techniques et Industrielles (France)
SRU	Société de Raffinage d'Uranium (France)
SRV	safety/relief valve
SRVDL	safety/relief valve discharge line
SRWS	solid radioactive waste system
SS	safe shutdown
SS	sample sink
SS	sample station
SS	sampling system
SS	shift supervisor
SS	site safety
SS	site suitability
SS	Southern Services, Inc.
SS	special source
SS	speed sensor

SS	stainless steel
SSAR	site safety analysis report
SSAS	small sample assay system
SSAR	standard safety analysis report
SSB	source selection board
SSC	short segmented cask
SSC	structures, systems, and components
SSCA	spray system compressed air
SSCCS	solid state component control system
SSCR	spectral shift control reactor
SSE	safe-shutdown earthquake
SSEB	Southern States Energy Board
SSER	site safety evaluation report
SSER	supplement to safety evaluation report
SSES	Susquehanna Steam Electric Station
SSF	safe shutdown facility
SSF	service storage facility
SSF	standby shutdown facility
SSI	safe shutdown impoundment
SSI	steady-state irradiation
SSK	Strahlenschutzkommission (West Germany)
SSLPS	solid-state logic protection system
SSMRP	seismic safety margins research program
SSNM	strategic special nuclear material
SSNPP	small-size nuclear power plant
SSP	sodium sampling package
SSP	staff site position
SSP	static sodium pot
SSPB	Swedish State Power Board
SSPS	solid state protection system
SSPWR	small-size pressurized-water reactor
SSR	seal steam regulator
SSR	separate superheater reactor
SSR	site suitability report
SSR	specification status report
SSRCR	suggested state regulations for the control of radiation
SSS	secondary sampling system
SSS	sensitized stainless steel
SSS	shield and seismic support
SSS	special safeguards study
SSST	site suitability source term
SST	secondary surge tank
SST	station service transformer
SS/T	steady-state/transient
SSW	standby service water
SSWP	station service water pump

SSWS	standby service water system
ST	speed transmitter
STA	Science and Technology Agency (Japan)
STA	shift technical adviser
STAR	shield test air reactor
STAR	space thermionic auxiliary reactor
STCL	source-term control loop
STE	Shield Test Experiment
STE	shift technical engineer
STE	system test engineer
STEC	South Texas Electric Cooperative, Inc.
STEP	safety test engineering program
STF	safety test facility
STF	shield test facility
STIF	short-term irradiation facility
STIR	Shield Test and Irradiation Reactor
STL	site team leader
STP	short-term program
STP	South Texas Project
STP	standard temperature and pressure
STP	system test procedure
STPF	shield test pool facility
STR	submarine thermal reactor
STRIDE	standard reactor island design
STS	standard technical specifications
STV	small test vessel
S/U	startup
SUNY	State University of New York
SUPO	Super Power Water Boiler
SUR	startup rate
SUS	startup system
SUT	startup transformer
SV	safety valve
SV	solenoid valve
SV	stop valve
SVA	single-valve first-actuation
S&W	Stone and Webster Engineering Corp.
SW	service water
SWBS	solid waste barrel storage
SWC	solid wastes cask
SWCS	salt water cooling system
SWEC	Stone and Webster Engineering Corp.
SWESSAR	Stone and Webster Standard Safety Analysis Report
SWET	simulated water entry test
SWM	Serber-Wilson method
SWMS	solid waste management system

SWO	stop work order
SWP	service water pump
SWP	solid waste packaging
SWP	solid waste processing
SWPP	Southwest Power Pool
SWPS	solid waste processing system
SWR	service water reservoir
SWR	sodium-water reaction
SWR	submarine water reactor
SWRI	Southwest Research Institute
SWRPRS	sodium-water reaction pressure relief subsystem
SWS	service water system
SWS	solid waste system
SWSR	solid waste shipping room
SWTS	secondary waste treatment system
SWU	separative work unit
SX	solvent extraction
SXF	solvent extraction feed
SYCA	Syndicat d'Étude des Centrales Atomique (Belgium)
SYRFA	Société de Système Française pour les Réacteurs Avancés (France)

T

TA	transfer aisle
TAC	technical assistance contract
TAC	technical assignment control
TACS	technical assignment control system
TACS	test assembly conditioning station
TAEC	Thailand Atomic Energy Commission
TAF	top of active fuel
TAG	test assembly grapple
TAIC	Tokyo Atomic Industrial Consortium
TAL	transporter air lock
TAML	Taunton Municipal Lighting Plant
TAP	thermal analyzer program
TAR	technical assistance request
TARGET	thermal advanced gas-cooled reactor exploiting thorium
TASC	Technical Activity Steering Committee
TAUF	test assembly unloading fixture
TAVS	turbine area ventilation system
TAWC	Tennessee-American Water Co.
TB	total body
TB	turbine building
TBCCW	turbine building closed cooling water
TBESI	turbine building exhaust system isolation
TBP	tributyl phosphate
TBS	turbine bypass system
TBSCCW	turbine building secondary closed cooling water
TBV	turbine building ventilation
T/C	thermocouple
TC	temperature controller
TC	transfer canal
TCA	thermal critical assembly
TCC	Transducer Controls Corporation
TC/LD	thermocouple/lead detector
TCS	telephone conference summary
TCS	temporary conditioning station
TCS	turbine control system
TCV	temperature control valve
TCV	turbine control valve
TD	theoretical density
TD	time delay
TD	transfer dolly

TDAFP	turbine-driven auxiliary feed pump
TDAFWP	turbine-driven auxiliary feedwater pump
TDC	thermal diffusion coefficient
TDCR	test deficiency change request
TDD	test design description
TDEFWP	turbine-driven emergency feedwater pump
TDF	task deletion form
TDH	total dynamic head
TDI	Transamerica Delaval, Inc.
TDI	turbine disk integrity
TDM	time division multiplex
TDR	technical data report
TDR	test deficiency report
TDR	time domain reflectometry
TDS	time delay switch
TDS	total dissolved solids
TE	temperature element
TE	test exception
TE	thermal expansion
T/E	thermoelectric
TE	transient event
TEC	Technology for Energy Corp.
TEC	total estimated cost
TECHNICATOME	Société Technique pour l'Énergie Atomique (France)
TEG	thermoelectric generator
TEM	transmission electron microscope
TEMA	Tank Equipment Manufacturers Association
TEMA	Tubular Exchangers Manufacturers Association
TENR	technologically enhanced naturally radioactive
TENRAP	technologically enhanced naturally radioactive products
TEP	Tyrone Energy Park
TER	technical evaluation report
TES	Teledyne Engineering Services
TFANP	Task Force Against Nuclear Pollution
TFE	thermionic fuel element
TFS	turbine first stage
TG	turbine generator
T/G	turbine generator
TGB	turbine generator building
TGEP	turbine generator emergency power
TGLM	task group lung model
TGS	turbine generator system
TGSS	turbine gland sealing system
TGV	turbine governor valve
T/H	thermal and hydraulic
THCS	temperature of hot-channel sodium

THTF	thermal hydraulic test facility
THTR	thorium high-temperature reactor
TI	temperature indicator
TI	temporary instruction
TI	test instruction
TIBB	Tecnomasio Italiano Brown Boveri, SpA (Italy)
TIC	Technical Information Center
TIC	temperature-indicating controller
TID	total integrated dose
TIF	task initiation force
TIF	task initiation form
TIG	tungsten inert gas
TIP	transient in-core probe
TIP	traveling in-core probe
TIP	traversing in-core probe
TIS	temperature-indicating switch
TL	task leader
TL	test load
TL	truck lock
TLD	thermoluminescent dosimeter
TLEC	Texas-Louisiana Electric Cooperative
TLLM	temperature and liquid level monitor
TLOS	turbine lube oil system
TLOST	turbine lube oil storage tank
TLP	top load pad
TLP	top load plane
TLTA	two-loop test apparatus
TLTM	third-level thermal margin
TLV	threshold limit value
TM	technical manual
TM	temperature monitor
TMBDB	thermal margin beyond design basis
TMD	transient mass distribution
TMH	trolley-mounted hoist
TMI	Three Mile Island
TMI-1	Three Mile Island Unit 1
TMI-2	Three Mile Island Unit 2
TMIA	Three Mile Island Alert, Inc.
TMINS	Three Mile Island Nuclear Station
TMIPO	Three Mile Island Program Office
TM/LP	thermal margin/low pressure
TMR	Teledyne Materials Research
TNP	Trojan Nuclear Plant
TNPG	The Nuclear Power Group (United Kingdom)
TOED	Toledo Edison Co.
TOP	transient overpower

TOPO	trioctylphosphine oxide
TOPR	Taiwan Open Pool Reactor
TOS	torque overload switch
TOSS	transient and/or steady state
TOV	Technischer Oberwachungsverein, e.V. (West Germany)
TP	test pressure
TP	test procedure
TPC	Taiwan Power Company
TPD	test procedure deviation
TPF	total peaking factor
TPM	thermal power monitor
TPPEP	Turkey Point Performance Enforcement Program
TPS	Turkey Point Station
TR	technical review
TR	temperature recorder
TR	topical report
TR	tritium recovery
TRA	tubular reactor assembly
TRB	Test Review Board
TRC	Technical Review Committee
TRC	The Radiochemical Centre, Ltd. (United Kingdom)
TRE	total rare earths
TRIA	temperature-removable instrument assembly
TRIGA	training reactor and isotopes production, General Atomic
TRR	test and research reactor
TRR	Thailand Research Reactor
TRR	topical report request
TRR	topical report review
TRRT	test results review team
TRS	thermal reactor safety
TRT	technical review team
TRU	transuranic
TRU	transuranium
TRX	two-region physics critical experiment
TS	technical specification
TS	test specification
TS	treatment system
TSA	tube support assembly
TSC	technical support center
TSC	test shipping cask
TSCF	task schedule change form
TSF	tower shield(ing) facility
TSH	temperature switch, high
TSM DA	test section meltdown accident
TSO	time-sharing option
TSP	trisodium phosphate

TSP	tube support plate
TSR	thermal shock rig
TSR	total stress range
TSR	tower shielding reactor
TSSC	Toxic Substances Strategy Committee
TSV	turbine stop valve
TSW	turbine-building service water
TT	temperature transmitter
TT	test temperature
TTA	thenyltrifluoroacetone
TTC	test transfer cask
TTE	thermal transient equipment
TTF	transient time flowmeter
TTHE	thermal transient histogram equivalent
TTP	test transfer port
TTQAP	Teletherapy Treatment Quality Assurance Program
TTR	thermal test reactor
TTV	tenth thickness value
TTWB	turbine trip with bypass
TTY	teletypewriter
TU	Texas Utilities Co.
TUEC	Texas Utilities Electric Co.
TUFCDF	Thorium-Uranium Fuel Cycle Development Facility
TUGCO	Texas Utilities Generating Co.
TUS	Texas Utilities Services, Inc.
TUV	Technischer Überwachungs-Verein, e.V. (West Germany)
TVA	Tennessee Valley Authority
TVO	Teollisuuden Voima Osakeyhtio (Finland)
TVR	Tennessee Valley Region
TWG	test working group
TWX	teletypewriter exchange service
TZM	tantalum-zirconium-molybdenum

U

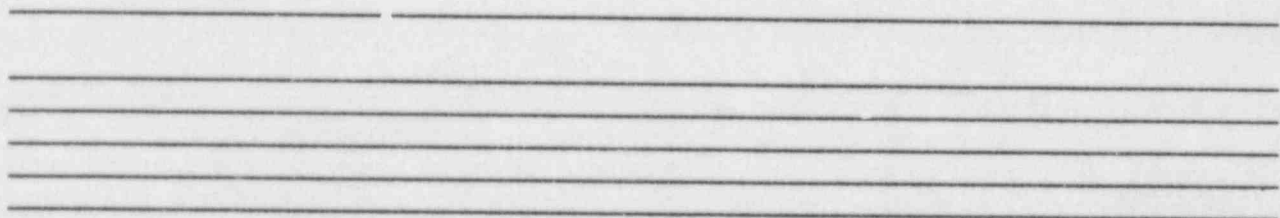
UAP	uranyl ammonium phosphate
UBAEC	Union of Burma Atomic Energy Centre
UBC	Uniform Building Code
UCL	upper control limit
UCLA	University of California, Los Angeles
UCLR	University of California, Lawrence Radiation Laboratory
UCS	Union of Concerned Scientists
UDI	Utility Data Institute
UDRPS	ultrasonic data recording and processing system
UE	Union Electric Co.
UEF	upper end fitting
UEL	upper electrical limit
UF	urea-formaldehyde
UFTR	University of Florida Teaching Reactor
UGS	upper group stop
UGS	upper guide structure
UHF	ultra-high frequency
UHI	upper-head injection
UHN	uranyl hexahydrate nitrate
UHS	ultimate heat sink
UHTREX	Ultra High Temperature Reactor Experiment
UHV	ultra high voltage
UI	United Illuminating
UIS	upper internals structure
UISJM	upper internals structure jacking mechanism
UKAEA	United Kingdom Atomic Energy Authority
UKNR	University of Kansas Nuclear Reactor
UL	Underwriters Laboratories, Inc.
UL	upper level
ULD	unit load demand
UMRR	University of Missouri Research Reactor
UMTR	University of Maryland Teaching Reactor
UN	uranyl nitrate
UNC	United Nuclear Corp.
UND	uranyl nitrate distillate
UNE	Union Electric Co.
UNH	uranyl nitrate hexahydrate
UNHC	uranyl nitrate hexahydrate cell
UNI	United Nuclear Industries, Inc.
UNIT	United Illuminating

UNSCEAR	United Nations Scientific Committee on the Effects of Atomic Radiation
UNWGM	Utility Nuclear Waste Management Group
UO	unit operator
UOGF	uranium off-gas filter
UOP	unit operating procedure
UPI	upper plenum injection
UPL	Utah Power and Light Co.
UPL	uranium product loadout
UPM	universal permissive module
UPPS	ultimate plant protection system
UPR	uranium production reactor
UPS	uninterruptible power supply
UPS	uninterruptible power system
UPTF	upper plenum test facility
UR	user requirement
URA	Universities Research Association
URA	uranium recycle acid
URAEF	University of Rochester Atomic Energy Project
URC	ultrasonic resin cleaner
URD	underground residential distribution
URG	unit review group
USAEC	U.S. Atomic Energy Commission
USAS	United States of America Standards
USBR	U.S. Bureau of Reclamation
U.S.C.	U.S. Code
USCG	U.S. Coast Guard
USC&GS	U.S. Coast and Geodetic Survey
USDA	U.S. Department of Agriculture
USGS	U.S. Geological Survey
USI	unresolved safety issue
USNDC	U.S. Nuclear Data Committee
USNRC	U.S. Nuclear Regulatory Commission
USP	upper sequential permissive
UST	United States Testing Co.
USWB	U.S. Weather Bureau
UT	ultrasonic testing
UT	universal time
UTM	universal transverse mercator
UTR	university training reactor
UTRR	University of Teheran Research Reactor
UU	ultimate user
UV	undervoltage
UVAR	University of Virginia Reactor
UVR	University of Virginia Reactor
UVSC	uranium ventilation scrubber cell

U

UWRR
UWTR

University of Wyoming Research Reactor
University of Washington Training Reactor



V

VA	vital area
VAK	Versuchsatomkraftwerk Kahl (West Germany)
VAN	value-added network
VBMR	ventilation barrier machine room
VBWR	Vallecitos Boiling Water Reactor
VC	vaporizer concentrate
VCCLF	vertical cask-lifting fixture
VCM	vinyl chloride monomer
VCT	volume control tank
VD/OS	vacuum distillation/overflow sampler
VDC	ventilation duct chase
VDEW	Vereinigung Deutscher Elektrizitätswerke (West Germany)
VDTUV	Vereinigung der Technischen Überwachungs-Vereine, e.V. (West Germany)
VE	Vitro Engineering
VEC	vertical electrical chase
VEPCO	Virginia Electric and Power Co.
VESIAC	Vela Seismic Information and Analysis Center
VESR	Vallecitos Experimental Superheat Reactor
VF	vaporizer feed
VGCH	vent gas collection header
VHES	Vitro Hanford Engineering Service
VHF	very high frequency
VHTR	very high temperature reactor
VI	vent isolation
VIMS	Virginia Institute of Marine Science
VIV	variable inlet vane
VNSP	vacant nozzle shield plug
VOG	vessel off-gas
VOT	valve opening time
VOTA	vibration open test assembly
VP	vent-clearing pressure
VPI	vapor phase inhibitor
VQAR	vendor quality assurance representative
VR	volume reduction
VRS	vacuum relief system
VS	vapor suppression
VS	virtual storage
VSE	vessel, steam explosion in
VSNS	Virgil C. Summer Nuclear Station

VSR Vallecitos Superheat Reactor
VST valve setpoint tolerance
VTEC Vermont Electric Cooperative, Inc.
VTEP Vermont Electric Power Co., Inc.
VTT Valtion Teknillinen Tutkimuskeskus (Finland)
VWE vanadium wire equilibration
VWED vanadium wire equilibration device
VWO valves wide open
VYNPS Vermont Yankee Nuclear Power Station
VYNP Vermont Yankee Nuclear Power Co.

V

W

W	Westinghouse Electric Corporation
WAGR	Windscale Advanced Gas-cooled Reactor (United Kingdom)
W-AL	Westinghouse-Astronuclear Laboratory
W-ARD	Westinghouse Advanced Reactors Division
WB	whole body
WBNP	Watts Bar Nuclear Plant
WBNS	water-boiler neutron source
WBS	work breakdown structure
WC	weather condition
WCA	whole-core accident
WCF	waste-calcinating facility
WCGS	Wolf Creek Generating Station
WCS	waste compaction station
WD	waste disposal
WD	withdrawn
WDC	waste disposal cask
WDS	waste disposal system
WDTRS	Westinghouse development test requirement specification
WEC	Wolverine Electric Cooperative
WECST	waste evaporator condensate storage tank
WEP	water-extended polyester
WESF	Waste Encapsulation Storage Facility
WFMC	welding filler material control
WG	waste gas
WG	water gauge
WGC	waste gas compressor
WGDS	waste gas disposal system
WGDT	waste gas decay tank
WGS	waste gas system
WGS	Waterford Generating Station
WHC	Westinghouse Hanford Company
WHO	World Health Organization
WIEB	Western Interstate Energy Board
WIPE	Wisconsin Electric Power Co.
WINB	Western Interstate Nuclear Board
WIPP	Waste Isolation Pilot Plant
WISE	World Information Service on Energy
WISHA	Washington Industrial Safety and Health Act
WITS	work item tracking system
WKB	Wentzel-Kramers-Brillouin

WLM	working-level month
WMEC	Western Massachusetts Electric Co.
WMM	wall-mounted manipulator
WMO	World Meteorological Organization (Switzerland)
WMPC	Wisconsin Michigan Power Co.
WMS	waste management system
WNFM	World Nuclear Fuel Market
WNP	Washington Nuclear Plant
WNT	waste neutralization tank
WNT	waste neutralizing tank
WNYNRC	Western New York Nuclear Research Center
WOFA	Westinghouse optimized fuel assembly
WOG	Westinghouse Owners Group
WP	warm pipe
WP	welding procedure
WP	work procedure
WPB	waste processing building
WPBCWS	waste processing building chilled water system
WPC	Werner and Pfleiderer Corp.
WPLC	Wisconsin Power and Light Co.
WPPSS	Washington Public Power Supply System
WPQR	welding procedure qualification record
WPS	waste processing system
WPS	welding procedure specification
WPSC	Wisconsin Public Service Corp.
WQC	water quality certification
WR	Whiteshell Reactor (Canada)
WR	wide range
WRAP	water reactor analysis program
WRC	Welding Research Council
W-RM	Westinghouse as reactor manufacturer
WRM	wide range monitor
WRM	working reference material
WRRR	Walter Reed Research Reactor
WRSR	water reactor safety research
WS	warm shop
WSCC	Western Systems Coordinating Council
WSCS	waste solidification and compaction station
WSD	working stress design
WSES	Waterford Steam Electric Station
WSF	waste shipping facility
WSUOPR	Washington State University Open-Pool Reactor
WT	wall thickness
WTF	waste treatment facility
WTF	waste water treatment facility
WTP	water treatment plant

W

WTR	Westinghouse Test Reactor
WVN	water vapor nitrogen
WW	well water
WWPC	Washington Water Power Co.
WWS	well water system
WZNPS	William H. Zimmer Nuclear Power Station

X

XLPE cross-linked polyethylene
XR export reactor
XRF X-ray fluorescence

Y

YAE Yankee Atomic Electric Co.
YATA York Area Transportation Authority
YCNP Yellow Creek Nuclear Plant
YNPS Yankee Nuclear Power Station

Z

ZEA zero energy assembly
ZEEP Zero Energy Experimental Pile (Canada)
ZES zero energy system
ZETA Zero Energy Thermonuclear Apparatus (United Kingdom)
ZETR Zero Energy Thermal Reactor (United Kingdom)
ZEUS Zero Energy Uranium System (United Kingdom)
ZGS zero gradient synchrotron
ZNP Zion Nuclear Plant
ZPA zero period acceleration
ZPPR Zero Power Plutonium Reactor
ZPR Zero Power Reactor
ZPRF Zero Power Reactor Facility
ZPSS Zion Probabilistic Safety Study
ZTO zero time outage
ZWOK zirconium-water oxidation kinetics

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This Handbook records in alphabetical order abbreviations (acronyms, initialisms, and other condensed forms) that have been used in the nuclear industry, both foreign and domestic. The present volume is an attempt by the editorial staff of the Division of Technical Information and Document Control to compile in one updated publication the abbreviations used in NRC staff and consultant reports. This issue, although not all inclusive, is to be treated as a compilation of available information.

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