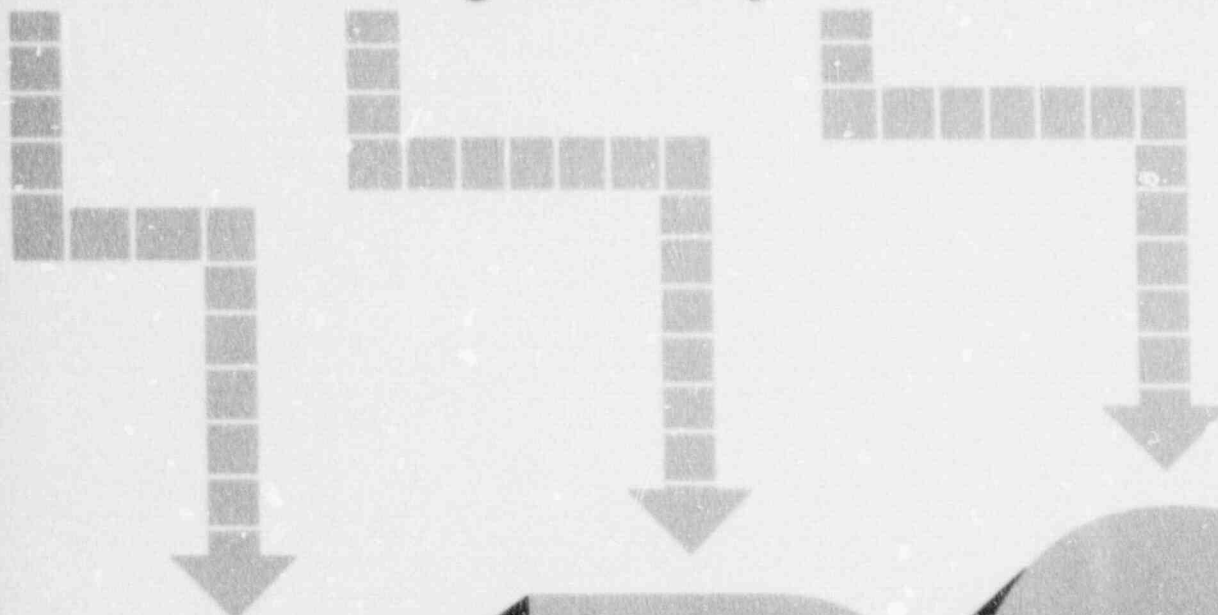




U.S. Nuclear  
Regulatory  
Commission

# NRC Collection of Abbreviations

## Nuclear Regulatory Commission



# NRC

March 1992

9204210076 920331  
PDR NUREG  
0544 R FDR

NUREG-0544  
Rev. 3



U.S. Nuclear  
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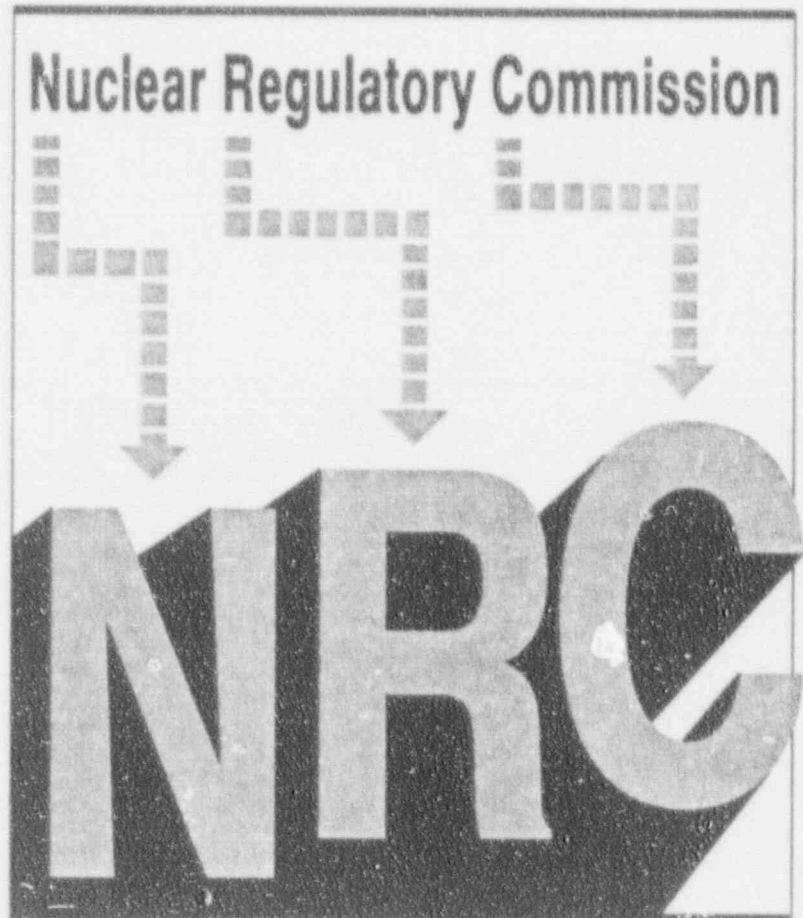


U.S. Nuclear Regulatory  
Commission

## NRC Collection of Abbreviations

Division of Freedom of Information  
and Publications Services  
Office of Administration  
U.S. Nuclear Regulatory Commission  
Washington, DC 20555

March 1992



NUREG-0544  
Rev. 3



The U.S. Nuclear Regulatory Commission (NRC) staff collected this list of abbreviations from NRC documents and nuclear industry documents, both foreign and domestic. Readers can use the collection, which is not all inclusive, to identify the terms from which the abbreviations are formed. The Editorial Section of the Division of Freedom of Information and Publications Services compiled this collection. In the introduction, the editorial staff offers suggestions for using abbreviations but does not recommend the use of one abbreviation over another.

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An **abbreviation** is 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*.

Acronyms and initialisms are types of abbreviations.

- An **acronym** is a pronounceable abbreviation formed from the initial letters of a group of words or a term: ANSI is formed from **American National Standards Institute** and LOCA from **loss-of-coolant accident**.
- An **initialism** is a nonpronounceable abbreviation formed from the initial letters of a group of words or a term: EPZ is formed from **emergency planning zone** and SGTS from **standby gas treatment system**.

The editorial staff compiled this collection as a source of information and does not recommend the use of one abbreviation listed to the exclusion of another. It offers the following suggestions for using abbreviations (see also Section 2 of the "NRC Editorial Style Guide," NUREG-1379):

- Use abbreviations sparingly.
- Spell out the term for an abbreviation the first time you use it in text and follow the spelled-out term with the abbreviation in parentheses: control rod drive (CRD). Repeat this process if your document is long, perhaps, at the beginning of each new section.
- Restrict an abbreviation to one meaning in any one document. If you designate POL to mean **provisional operating license**, do not designate POL to mean **possession-only license** in the same document or any other term beginning



with the same letters—spell out the other terms throughout that document.

The editorial staff included major NRC program and staff offices, advisory groups, panels, and boards but did not include NRC divisions, branches, and sections, which can be found in the NRC Telephone Directory (NUREG/BR-0046). Some abbreviations for organizations that no longer exist are included as historical references.

It eliminated chemical elements, computer codes, and most units of measurement. Many of these abbreviations appear in readily accessible sources such as dictionaries, the *Government Printing Office (GPO) Style Manual*, and other manuals. The NRC gives specific guidance on the use of these terms in Section 1 of the "NRC Editorial Style Guide."

Identical abbreviations appear in various forms (e.g., AA or A/A). The editorial staff lists this type of abbreviation in the following order: AA, aa, A/A, A-A, A&A.

In general, the editorial staff observed the following rules for forming plurals and for capitalizing and hyphenating abbreviations:

- **Plurals**

To form most plurals, add a lowercase *s* without an apostrophe preceding it to the abbreviation.

DBAs for **d**esign-**b**asis **a**ccidents

PWRs for **p**ressurized-**w**ater **r**eactors

However, some abbreviations designate both singular and plural constructions.

ATWS for **a**nticipated **t**ransient or **t**ransients **w**ithout **s**crum

GDC for **g**eneral **d**esign **c**riterion or **c**riteria

LCO for **l**imiting **c**ondition or **c**onditions for **o**peration

MOU for **m**emorandum or **m**emoranda of **u**nderstanding

Use the same abbreviation for a plural construction when a word in a term is an irregular plural (e.g., LRB for **l**icensing **r**ev**ie**w **b**asis or **b**ases) or when any word in a term except the last word is a regular plural, that is, formed by adding *s* (e.g., COLSS for **c**ore **o**perating **l**imit or **l**imits **s**upport **s**ystem). Only the irregular plurals, such as oases or bases, are given in this collection; those plurals formed by adding *s* to an internal or final word of a term are not given.

- **Capitalization**

Most terms are lowercase. Most abbreviations are uppercase.

Do not capitalize specific parts of a nuclear system or facility, the many job titles in a nuclear facility, and generic terms designating equipment, systems, or programs.

ACCWS for **a**uxiliary **c**omponent **c**ooling **w**ater **s**ystem

RPM for **r**adiation **p**rotection **m**anager

However, do capitalize the names of specific facilities or reactors, companies or organizations, and committees or special interest groups.

ACNW for **A**dvisory **C**ommittee on **N**uclear **W**aste

RRR for **R**adiation **R**esearch **A**ssociates, Inc.

RRR for **R**aleigh **R**esearch **R**eactor

- **Hyphenation**

To hyphenate a term from which an abbreviation is formed, follow the general rules of hyphenation, particularly those given in the *GPO Style Manual* (see also Section 4 of the "NRC Editorial Style Guide").

Hyphenate unit modifiers used as adjectives and adverbs before a noun in each term:

LOCA for **l**oss-**o**f-**c**oolant **a**ccident, but not

LOOP for **l**oss **o**f **o**ffsite **p**ower



## INTRODUCTION

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Most of the prefixes, such as *co*, *de*, *pre*, *pro*, and *re* generally do not require the hyphen.

DWCS for **defueling water cleanup system**

PTP for **preoperational test program**

The NRC is interested in receiving new entries for any future revision of the handbook. Please send new entries for this handbook to the Editorial Section, Publications Branch, U.S. Nuclear Regulatory Commission, Washington, DC 20555.

## NRC Collection of Abbreviations

# A

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AA	access authorization
AAAC	Affirmative Action Advisory Committee
AACC	American Association for Contamination Control
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
AASHTO	American Association of State Highway and Transportation Officials
AATN	Asociación Argentina de Tecnología Nuclear (Argentina)
AB	auxiliary boiler
ABCC	Atomic Bomb Casualty Commission
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
ABMA	American Boiler Manufacturers Association
ABNP	Alan R. Barton Nuclear Plant
ABR	as-built reconciliation
ABRR	as-built reverification record
ABST	auxiliary building sump tank
ABSVS	auxiliary building special ventilation system
ABT	automatic bus transfer
ABV	auxiliary building ventilation
ABWR	advanced boiling-water reactor
AC	acid concentrator
AC	administrative control
AC	advisory committee
AC	air conditioning
AC	allegations coordinator
ac	alternating current

# A

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A/C	air conditioning
A-C	Allis-Chalmers Corp.
ACA	Arms Control Association
ACAD	air containment atmosphere dilution
ACB	air-operated circuit breaker
ACB	Ateliers et Chantiers de Bretagne (France)
ACC	accumulator
ACCWS	auxiliary component cooling water system
ACDA	Arms Control and Disarmament Agency
ACEC	Ateliers de Constructions Electriques de Charleroi, S.A. (Belgium)
ACF	acid concentrator feed
ACF	automatic control feature
acfm	actual cubic foot/feet per minute
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
ACM	alternate contact mode
ACMUI	Advisory Committee on Medical Uses of Isotopes
ACNP	American College of Nuclear Physicians
ACNS	Advisory Committee on Nuclear Safety (Canada)
ACNW	Advisory Committee on Nuclear Waste (NRC)
ACORN	Association of Community Organizations for Reform Now
ACOT	analog channel operational test
ACP	auxiliary control panel
ACPDS	Advisory Committee on Personal Dosimetry Services
ACPR	advanced core performance reactor
ACPR	advanced core pulsed reactor
ACPR	annular core pulsed reactor
ACR	advanced converter reactor
ACR	attribute coverage report
ACRI	Air Conditioning and Refrigeration Institute
ACRR	annular core research reactor
ACRS	Advisory Committee on Reactor Safeguards (NRC)
ACS	alternate core spray

ACS	American Chemical Society
ACS	auxiliary cooling system
ACTS	automated commitment tracking system
ACU	air cleanup unit
AD	assistant director
A/D	analog to digital
ADDS	applied digital data system
ADEA	Association Belge pour le Developpement Pacifique de l'Energie Atomique (Belgium)
ADFCER	Assistant Director for Fuel Cycle and Environmental Research
ADI	Applied Dynamics International
ADM	Administration, Office of (NRC)
ADN	apparent discrepancy notification
ADP	automatic data processing
ADR	audit discrepancy report
ADRS	automated data retrieval system
ADS	automatic depressurization system
ADS	automatic dispatch system
ADT	aerated 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
AEA	Atomic Energy Act
AEA	Atomic Energy Authority
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)
AECC	Aerojet Energy Conversion Co.
AECL	AECL Technologies
AECL	Atomic Energy of Canada Ltd.
AECM	Atomic Energy Commission Manual

# A

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
AEEW	Atomic Energy Establishment of Winfrith (United Kingdom)
ATEGTS	annulus exhaust gas treatment system
AEI	Associated Electric Industries Ltd. (United Kingdom)
AENJ	Atlantic Electric of New Jersey
AEO	Atomic Energy Organization (Iran)
AEOD	Analysis and Evaluation of Operational Data, Office for (NRC)
AEOF	alternate emergency operations facility
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)
AES	aerospace and electronic systems
AESJ	Atomic Energy Society of Japan
AETR	advanced engineering test reactor
AETR	advanced epithermal thorium reactor
AF	alternating field
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
AFDC	auxiliary feedwater discharge cross-connection
AFDS	automatic fire detection system
AFI	Air Filter Institute
AFL	active fuel length
AFNE	Americans for Nuclear Energy
AF NETF	Air Force Nuclear Engineering Test Facility
AFO	auxiliary fuel oil
AFOS	auxiliary fuel oil system
AFP	auxiliary feedwater pump



AFR	acid fractionation recycle
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 Corp.
AGA	automatic gas analyzer
AGCR	advanced gas-cooled reactor
AGC	Aerojet-General Corp.
AGL	above-ground level
AGMA	American Gear Manufacturers 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
AGYC	automatic governor valve control
AGW	accident-generated water
AGZ	actual ground zero
A/H	air handling
AHFR	Argonne High-Flux Reactor
AHM	auxiliary handling machine
AHR	aqueous homogeneous reactor
AHTG	ad hoc task group
AHU	air-handling unit
AI	Atomics International
AI	authorized inspector
AICE	American Institute of Chemical Engineers
AID	accident identification display
AID	Agency for International Development

# A

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AID	air inlet damper
AIEE	American Institute of Electrical Engineers
AIF	Atomic Industrial Forum, Inc.
AIG	antitrust and indemnity group
AIGS	auxiliary inerting gas subsystem
AIHA	American Industrial Hygiene Association
AIHX	auxiliary intermediate heat exchanger
AIMME	American Institute of Mining and Metallurgical Engineers
AIMS	automatic isotopic measurement system
AINSE	Australian Institute of Nuclear Science and Engineering
AI&O	annual inspection and overhaul
AIP	American Institute of Physics
AIP	approval in principle
AIRP	air intake, recirculation, and purification
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
AISSP	automated information system security plan
AIT	American Institute in Taiwan
AIT	augmented inspection team
AITS	action item tracking system
AKK	Atomkraftkonsortiet (Sweden)
AL	action level
AL	analytical laboratory
AL	analytical limit
ALAP	as low as possible
ALAP	as low as practicable
ALAP	as low as practical
ALARA	as low as is reasonably achievable
ALARP	as low as is reasonably practicable
ALATA	as low as is technically achievable
ALCP	area local control panel
ALD	acoustic leak detection
ALIP	annular linear induction pump
ALJ	administrative law judge

ALKEM	Alpha Chemie und Metallurgie, G.m.b.H. (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 (Luxembourg)
ALWR	advanced light-water reactor
AMAD	activity median aerodynamic diameter
AMASS	automated material accounting statistics system
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 Etudes Radio-Electriques (Switzerland)
AMRR	Army Materiel Research Reactor
AMS	aerial monitoring system
AMS	allegations management system
AMS	Army Map Service
AMSAC	ATWS (anticipated transient without scram) mitigating system actuation circuitry
AMU	aqueous makeup
AMU	atomic mass unit
A/N	alphanumeric
A/N	as needed
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
ANF	actinide nitride fueled
ANF	Advanced Nuclear Fuels Corporation

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ANFO	ammonium nitrate and fuel oil
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
ANPR	advance notice of proposed rulemaking
ANPRM	advance notice of proposed rulemaking
ANR	Association of Neutron Radiographers
ANRE	Agency of Natural Resources and Energy (Japan)
ANS	American Nuclear Society
ANS	autodial network system
ANSI	American National Standards Institute
AO	abnormal occurrence
AO	air operator
AO	auxiliary operator
AOC	action office contact
AOC	augmented operator capability
AOEN	Agence de l'OCDE pour l'Energie Nucléaire (France)
AOG	acid fractionator off-gas
AOG	acid off-gas
AOG	augmented off-gas
AOI	abnormal operating instruction
AOi	advance ordering information
AOO	anticipated operational occurrence
AOP	abnormal operating procedure
AOR	abnormal occurrence report
AOT	action outage time
AOT	allowable outage time
AOT	allowed outage time
AOTA	absorber open test assembly
AOV	air-operated valve
AP	access permit
AP	access permittee
AP	administrative procedure

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AP	alkaline permanganate
AP	annulus pressurization
AP	antennas and propagation
APA	Administrative Procedure Act
APC	administration and project control
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
APD	axial power distribution
APDA	Atomic Power Development Associates, Inc.
APDMS	auxiliary power distribution monitoring system
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.
APL	authorized possession limit
AP&L	Arizona Power & Light Company
APLHGR	average planar linear heat generation rate
APM	air particulate monitor
APM	aluminum powder metallurgy
APPA	American Public Power Association
APPR	Army Package Power Reactor
APR	advance production release
APR	automatic pressure relief
APRF	Aberdeen Pulsed Reactor Facility
APRM	average power range monitor
APS	accident-prone situation
APS	American Physics Society
APS	Arizona Public Service Co.
APS	atomic power station
APS	auxiliary power system



# A

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APSR	axial power shaping rod
APSRA	axial power shaping rod assembly
APT	Applied Physical Technology Incorporated
APTR	advanced pressure tube reactor
APU	auxiliary power unit
APWG	action plan work group
APWR	advanced pressurized-water reactor
AQL	acceptable quality level
AR	activity ratio
ARAC	atmospheric release advisory capability
ARACOR	Advanced Research and Applications Corp.
ARAVS	auxiliary and radwaste area ventilation system
ARBOR	Argonne Boiling Water Reactor
ARC	alarm response card
ARC	Alliance Research Center
ARC	auxiliary relay cabinet
ARDA	Atomic Research and Development Authority
ARE	aircraft reactor equipment
AREA	American Railway Engineering Association
AREA	Army Reactor Area
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	autorated reactor inspection system
ARM	area radiation monitor
ARMF	Advanced Reactivity Measurement Facility
ARMS	aerial radiological measurement and survey
ARMS	aerial radiological measurements system
ARMS	area radiation monitoring system
ARMS	area radiological monitoring system
ARO	all rods out
ARP	accelerated requalification program
ARP	alarm response procedure
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	air return system
ARS	amplified response spectrum/spectra
ART	aerosol release and transport
ART	anticipatory reactor trip
ARTS	anticipatory reactor trip system
AS	air supply
AS	auto sequential
AS	auxiliary steam
A/S	air supply
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.
ASCS	Agricultural Stabilization and Conservation Service
ASD	atmospheric steam dump
ASEP	accident sequence evaluation program
ASG	auxiliary steam generator
ASGT	asymmetric steam generator transient
ASGTPTF	asymmetric steam generator transient protective trip function
ASHRAE	American Society of Heating, Refrigeration and Air Conditioning Engineers
ASI	adverse system interaction
ASI	axial shape index
ASIS	American Society for Industrial Security
ASL	approved suppliers list
ASLAB	Atomic Safety and Licensing Appeal Board (NRC)
ASLAP	Atomic Safety and Licensing Appeal Panel (NRC)
ASLB	Atomic Safety and Licensing Board (NRC)
ASLBP	Atomic Safety and Licensing Board Panel (NRC)
ASM	American Society for Metals
ASME	American Society of Mechanical Engineers
ASME Code	American Society of Mechanical Engineers Boiler and Pressure Vessel Code

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ASNT	American Society for Nondestructive Testing
ASNT	Australian School of Nuclear Technology
ASP	accident sequence precursor
ASP	administrative site procedure
ASP	auxiliary shutdown panel
ASPEA	Association Suisse pour l'Energie Atomique (Switzerland)
ASQC	American Society for Quality Control
ASR	automatic send and receive
ASS	auxiliary steam system
ASSP	acoustics, speech, and signal processing
ASTM	American Society for Testing and Materials
ASTPO	Accident Source Term Program Office
ASTR	Aerospace Systems Test Reactor
AT	acceptable test
AT	acceptance tag
AT	acceptance test
ATC	adiabatic toroidal compressor
ATEL	Aare Tessin Aktiengesellschaft für Elektrizität (Switzerland)
ATEN	Association Technique de l'Energie Nucléaire (France)
ATEN	Association Technique pour la Production et l'Utilisation de l'Energie Nucléaire (France)
ATF	acceptance test facility
ATF	Alcohol, Tobacco and Firearms, Bureau of (U.S. Department of Treasury)
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
ATRCE	advanced test reactor critical experiment
ATS	Atomtekniska Sällskapet i Finland (Finland)
ATSR	Argonne Thermal Source Reactor
ATT	aerosol transport test
ATT	automatic turbine tester
ATTU	ATWS (anticipated transient without scram) transmitter trip unit

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ATU	analog trip unit
ATWS	anticipated transient without scram
ATWS-RPT	anticipated transient without scram—recirculation pump trip
ATWT	anticipated transient without trip
AUDIT	automatic unattended detection inspection transmitter
AUEA	auxiliary utility equipment area
AUO	auxiliary unit operator
AUXI-ATOME	Société Auxiliaire pour l'Energie Atomique (France)
AVB	antivibration bar
AVLIS	atomic vapor laser isotope separation
AVMS	annulus vacuum maintenance system
AVR	Arbeitsgemeinschaft Versuchsreaktor, G.m.b.H. (Germany)
AVR	automatic volume recognition
AVSS	automated vendor selection system
AVT	all-volatile treatment
AVV	atmospheric vent valve
AW	acid waste
AWCC	active well coincidence counter
AWG	American wire gauge
AWNS	ABB Westinghouse Nuclear Services
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

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B/A	budget authority
BAC	blood alcohol content
BAC	boric acid concentrator
BACT	best available control technology
BAF	bioaccumulation factor
BAF	bottom of active fuel
BAM	Bundesanstalt für Materialforschung und -prüfung (Germany)
BAMT	boric acid mix tank
BAP	branch arm piping
BAPE	branch arm piping enclosure
BAPL	Bettis Atomic Power Laboratory
BAPS	branch arm piping shielding
BARC	Bhabha Atomic Research Centre (India)
BAST	boric acid storage tank
BAT	backup auxiliary transformer
BAT	best available technology
BAT	boric acid tank
BAT	boric acid transfer
BATAN	Badan Tenaga Atom Nasional (Indonesia)
BATEA	best available technology economically available
BATF	Bureau of Alcohol, Tobacco and Firearms (U.S. Department of Treasury)
BAWTR	Babcock & Wilcox Nuclear Development Center Test Reactor
BBC	Brown Boveri et Cie (Switzerland)
BBR	Babcock-Brown Boveri Reaktor, G.m.b.H. (Germany)
BBRR	Brookhaven Beam Research Reactor
BBS	battery backup system
BBV	Bayrische Biologische Versuchsanstalt (Germany)
BC	branch chief
BCD	Battelle Columbus Division
BCD	binary coded decimal
BCL	Battelle Columbus Laboratories
BCL	Bechtel client letter
BCMS	boron concentration measurement system



# B

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BCS	Boeing Computer Services
BD	blowdown
BD&A	beyond-design-basis accident
BD&E	beyond-design-basis event
BDE	beyond demonstrable effect
BD/ECC	blowdown/emergency core cooling
BDHT	blowdown heat transfer
BDPS	boric dilution protection system
BE	best estimate
BE	binding energy
BE	bounding event
BEA	Bureau of Economic Analysis
BEAR	Biological Effects of Atomic Radiation, Committee on the
BEC	beginning-of-equilibrium cycle
BECO	Boston Edison Co.
BEEN	Bureau d'Etude de l'Energie Nucléaire (Belgium)
BEF	best-estimate flow
BEIR	Biological Effects of Ionizing Radiation, Committee on the
BEN	Bureau d'Etudes Nucléaires, S.A. (Belgium)
BEPO	British Experimental Pile Operation
BFN	Browns Ferry Nuclear Power Plant
BFNP	Browns Ferry Nuclear Power Plant
BFNPP	Browns Ferry Nuclear Performance Plan
BFNPP	Browns Ferry Nuclear Power Plant
BG&E	Baltimore Gas & Electric Co.
BGRR	Brookhaven Graphite Research Reactor
BH	Blue Hills Station
BHEC	Bangor Hydro-Electric Co.
BHEP	basic human error probability
BHL	bottom of heated length
BHS	Blue Hills Station
BHSP	basic human success probability
BIA	buyers information advisory
BIF	basic inflow
BIFEN	Banque Internationale pour le Financement de l'Energie Nucléaire (France)
BIOS	biological investigation of space

BIR	boron injection recirculation
BIST	boron injection surge tank
BIT	boron injection tank
BKW	Bernische Kraftwerke, A.G. (Switzerland)
BLBE	beyond-licensing-basis event
BLIS	baffle/liner interface seal
BLP	basket loading pool
BLTC	bottom loading transfer cask
BM	bill of material
BM	boron measurement
BMEP	brake mean effective power
BMEP	brake mean effective pressure
BMEWS	ballistic missile early warning system
BMFT	Bundesministerium für Forschung und Technologie (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 S. A. (Belgium)
BN	board notification
BNC	Berkeley Nucleonics Corporation
BNDC	British Nuclear Design & Construction Ltd.
BNEC	British Nuclear Energy Conference
BNES	British Nuclear Energy Society
BNF	British Nuclear Forum
BNFL	British Nuclear Fuels Limited
BNFP	Barnwell Nuclear Fuel Plant
BNL	Brookhaven National Laboratory
BNP	Bellefonte Nuclear Plant
B/O	budget overlay
B&O	bulletin and order
BOA	basic order agreement
BOC	beginning of cycle
BOC	Bevatron orbit code
BOC	bottom of conduit

# B

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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
B/P	blueprint
BPA	blanket purchase agreement
BPA	Bonneville Power Administration
BPC	Bechtel Power Corporation
BPF	blueprint file
BPFM	bypass flow module
BPHA	benzoylphenylhydroxylamine
BPID	book physical inventory difference
BPN	breakdown pulse noise
BPNL	Battelle Pacific Northwest Laboratory
BPR	beryllium physics reactor
BPR	burnable poison rod
BPRA	burnable poison rod assembly
BPV	boiler and pressure vessel
BPV	bypass valve
B&PV	boiler and pressure vessel
BPVC	Boiler and Pressure Vessel Committee
BPWS	blanked position withdrawal sequence
BR	breeder reactor
BR	breeding ratio
B&R	Brown and Root, Inc.
B&R	budget and reporting
B&R	Burns and Roe, Inc.
BRC	below regulatory concern
BRC	Breeder Reactor Corporation
BREDAT	Breda Termomeccanica, S. A (Italy)

BREN	Bare Reactor Experiment Nevada
BREVATOME	Société Française pour la Gestion des Brevets d'Application Nucléaire (France)
BRG	budget review group
BRH	Bureau of Radiological Health
BRP	Bureau of Radiation Protection
BHPNP	Big Rock Point Nuclear Plant
BRR	Battelle Research Reactor
BRR	Brookhaven Research Reactor
BRS	boron recycle system
BRWM	Board on Radioactive Waste Management
BS	Braidwood Station
BS	Byron Station
B/S	bistable
BSEP	Brunswick Steam Electric Plant
BSF	bulk shielding facility
BSI	British Standards Institution
BSL	Bignier Schmid-Laurent (France)
BSR	Board of Standards Review (American National Standards Institute)
BSR	bulk shielding reactor
BSS	basic safety standard
BST	bleed storage tank
BST	blowdown suppression tank
BST	boron storage tank
BT	boiling transition
BT	broadcast technology
BTFA	benzoyltrifluoroacetone
BTP	backfit test program
BTP	branch technical position
BTR	boron thermal regeneration
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

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B&W	Babcock & Wilcox Co.
BWC	Bingham-Willamette Co.
BWF	building wake factor
B&WFC	Babcock & Wilcox Fuel Co.
B&WIP	basalt waste isolation program
B&WOG	Babcock & Wilcox Owners Group
BWR	boiling-water reactor
BWROG	Boiling Water Reactor Owners Group
B&WSSAR	Babcock & Wilcox Standard Safety Analysis Report
BWST	borated water storage tank



# C

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CA	charge amplifier
CA	construction authorization
CA	contract authorization
CA	critical assembly
C/A	corrective action
CAA	Clean Air Act
CAC	containment atmosphere control
CACS	containment air cooling system
CACS	core auxiliary cooling system
CACW	core auxiliary cooling water
CACWS	core auxiliary cooling water system
CAD	computer-aided design
CAD	construction aid document
CAD	containment atmosphere dilution
CAES	compressed air energy storage
CAF	chemical analysis facility
CAFEE	critical assembly fuel element exchange
CAHE	core auxiliary heat exchanger
CAI	construction action item
CAI	computer-assisted instruction
CAL	confirmatory action letter
CAL	corrective action letter
CALUTRON	California University Cyclotron
CAM	constant air monitor
CAM	containment atmospheric monitoring
CAM	continuous air monitor
CAMEL	component and material evaluation loop
CAMEN	Centro Autonomo Militari Energia Nucleare (Italy)
CANDU	Canadian Deuterium-Natural Uranium Reactor
CANDU	Canadian Natural-Uranium, Heavy-Water-Moderated and -Cooled Power Reactor
CANE	Connecticut Aircraft Nuclear Experiment
CAOC	constant axial offset control
CAP	codes and paging

# C

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CAP	continuous audit program
CAP	corrective action program
CAPCG	Central Area Power Coordination Group
CAPEs	containment atmosphere purge exhaust system
CAPS	cell atmosphere processing system
CAPS	construction advanced planning and sequencing
CAQ	condition adverse to quality
CAQR	condition adverse to quality report
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)
CARC	containment air recirculation and cooling
CARS	condenser air removal system
CARS	containment atmosphere release system
CARS	containment atmosphere recirculation system
CAS	central alarm system
CAS	chemical addition system
CAS	circuits and systems
CAS	compressed air system
CASE	Citizens Association for Sound Energy
CASE	consolidated aerospace supplier evaluation
CASE	coordinating agency for supplier evaluation
CAT	chemical addition tank
CAT	computerized axial tomography
CAT	conditionally accepted tag
CAT	construction appraisal team
CAT	crack arrest technology
CAT	crack arrest temperature
CAT	crack arrest test
CATD	corrective action tracking document
CAVALIER	Cooperatively Assembled Virginia Low-Intensity Educational Reactor
CB	containment building
CB	control building

CBAST	concentrated boric acid storage tank
CBD	<i>Commerce Business Daily</i>
CBECS	control building environmental control system
CBI	Chesapeake Bay Institute
CBI	CBI Industries (formerly Chicago Bridge and Iron Co.)
CB&I	Chicago Bridge and Iron Co. (later CBI Industries)
CBL	Chesapeake Bay Laboratory
CBL	Chesapeake Biological Laboratory
CBM	circuit breaker manufacturer
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	centrifugal charging
CC	coarse control
CC	component check
CC	component cooling
CCAS	containment cooling actuation signal
CCB	change control board
CCB	chemical cleaning building
CCCS	core components cleaning system
CCCS	core components conditioning station
CCCS	core components conditioning system
CCD	coarse control damper
CCD	counter-current digestion
CCDF	complementary cumulative distribution function
CCF	common-cause failure
CCFA	common-cause failure analysis/analyses
CCFL	counter-current flow limitation
CCFP	conditional containment failure probability
CCGC	containment combustible gas control
CCHEN	Comisión Chilena de Energía Nuclear (Chile)
CCM Sulzer	Compagnie de Construction Mécanique Sulzer (France)
CCN	contract change notice
CCNB	Concerned Citizens for the Nuclear Breeder

# C

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CCNPP	Calvert Cliffs Nuclear Power Plant
CCP	centrifugal charging pump
CCP	chemical control procedure
CCP	core component pot
CCRC	core component receiving container
CCRS	computerized cable routing system
CCS	Carroll County Station
CCS	commitment control system
CCS	component cooling system
CCS	condensate cleanup system
CCS	condensate cooling system
CCS	containment cooling system
CCSS	centrifugally cast stainless steel
CCSW	component cooling service water
CCTF	cylindrical core test facility
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	Centers for Disease Control
CDC	computer design code
CDE	condensate demineralization effluent
CDF	core damage frequency
CDF	cumulative damage function
CDM	central data management

CDN	corporate data network
CDP	cask decontamination pit
CDPA	Civil Defense Preparedness Agency
CDPr	core damage probability
CDR	conceptual design requirement
CDRG	Catastrophic Disaster Response Group
CDS	cask decontamination station
CDS	component disassembly station
CDS	conceptual design study
CDS	condensate demineralization subsystem
CDV	capacitance discharge vaporization
CE	Combustion Engineering, Inc.
CE	Commonwealth Edison Co.
CE	conductivity element
CE	Consumer Electronics
CE	Corps of Engineers, U.S. Army
C/E	calculation/experiment
C-E	Combustion Engineering, Inc.
CEA	Cambridge Electron Accelerator
CEA	Chesapeake Energy Alliance
CEA	Commissariat à l'Énergie Atomique (France)
CEA	control element assembly
CEA	Council of Economic Advisors
CEAC	control element assembly calculator
CEADS	control element assembly drive system
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	Comisión Ecuatoriana de Energía Atómica (Ecuador)



CEEA	Communauté Européenne de l'Energie Atomique
CEEA	Centre d'Etude de l'Energie Nucléaire (Belgium)
CEER	Center for Energy and Environment Research (Puerto Rico)
CEFILAC	Compagnie du Filage des Métaux et des Joint Curity (France)
CEG	Contractor Engineering Group
CEGB	Central Electricity Generating Board (United Kingdom)
CEHA	contact equipment handling area
CEIC	Cleveland Electric Illuminating Co.
CEICO	Cleveland Electric Illuminating Co.
CEL	carbon equilibrium loop
CEL	coating exempt log
CEM	Compagnie Electro-Mécanique (France)
CEN	Centre d'Etudes Nucléaires (France)
CEN	Centre d'Etude de l'Energie Nucléaire (Belgium)
CENC	Centre d'Etudes Nucléaires de Cadarache (France)
CENFAR	Centre d'Etudes Nucléaires de Fontenay-aux-Roses (France)
CENG	Centre d'Etudes Nucléaires de Grenoble (France)
CENS	Centre d'Etudes Nucléaires de Saclay (France)
CENUSA	Centrales Nucleares, S.A. (Spain)
CENY	Consolidated Edison Co. of New York
CEOG	Combustion Engineering Owners Group
CEPC	Central Electric Power Cooperative, Inc.
CEQ	Council on Environmental Quality
CER	complete engineering release
CER	critical experiment reactor
CERC	Coastal Engineering Research Center, U.S. Army
CERCA	Centre de Recherches pour Combustibles Atomiques (France)
CERCA	Compagnie pour l'Etude et la Réalisation de Combustibles Atomiques (France)
CERES	Coalition for Environmentally Responsible Economies
CERL	Construction Engineering Research Laboratory
CERMET	ceramic and metal
CERT	candidate evaluation, certification, and selection record
CERT	constant extension rate test
CERT	Council of Energy Resources Tribes
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	core exit thermocouple
CET	critical experiment tank
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
CF	correction factor
CFAR	component failure analysis report
CFB	C.F. Braun and Co.
CFC	Constructions Ferroviares du Centre, S.A. (Belgium)
CFCCS	condensate and feedwater chemistry control system
CFDT	Confederation Française Démocratique du Travail (France)
CFE	clandestine fission explosive
CFE	Comisión Federal de Electricidad (Mexico)
CFFTR	Canadian Fusion Fuel Technology Project
CFI	core flooding interlock
CFM	containment failure mode
CFO	chief financial officer
CFR	<i>Code of Federal Regulations</i>
CFR	commercial fast reactor
CFR	condensate filter demineralizer
CFRE	circulating-fuel reactor experiment
CFRMF	coupled fast reactor measurement facility
CFS	cavity fission source
CFS	condensate and feedwater system
CFS	core flood system
CFS	core former structure
CFT	core flood tank
CFT	core flooding tank
CFTC	cooler flusher tank cell
CFTE	cooler flusher tank equipment
CFTL	component flow test loop

# C

CFUR	Citizens for Fair Utility Regulation
CFW	condensate and feedwater
CFWS	condensate and feedwater system
CGCS	combustion gas control system
CGE	Canadian General Electric
CGEC	Cincinnati 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
CHEP	conditional human error probability
CHF	critical heat flux
CHFR	critical heat flux ratio
CHGE	Central Hudson Gas and Electric Corp.
CHLW	commercial high-level waste
CHMT	components, hybrids, and manufacturing technology
CHN	construction hold notice
C&HP	chemistry and health physics
CHR	cooling water/hot water return
CHRS	containment heat removal system
CHU	centigrade heat unit
CHWR	cooling water/hot water return
C/HWR	cooling water/hot water return
C-HWR	cooling water/hot water return
CI	center island
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
CIIP	condenser inservice inspection program

CILRT	containment integrated leak rate test
CIMI	Compagnia Italiana Montaggi Industriali, SpA (Italy)
CINDA	computer index of neutron data
CIP	containment improvement program
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.
CIRRPC	Committee on Interagency Radiation Research and Policy Coordination
CIRS	containment iodine removal system
CIS	chemical injection system
CIS	containment isolation signal
CIS	containment isolation system
CIS	contract information sheet
CISDEN	Centro Italiano di Studi di Diritto dell'Energia Nucleare (Italy)
CISE	Centro Informazioni Studi Esperienze, SpA (Italy)
CISIP	condenser inservice inspection program
C	conductivity indicator transmitter
CIT	corporate investigation
CIT	critical incident technique
CIV	center island vessel
CIV	combined intercept valve
CIV	combined intermediate valve
CIWA	condition identification work authorization
CL	closed loop
CL	containment leakage
CLA	cold-leg accumulator
CLAA	Centre Lyonnais d'Applications Atomiques (France)
CLB	current licensing basis
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

# C

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CLCW	closed-loop cooling water
CLEI	Cleveland Electric Illuminating Co.
CLEM	closed-loop ex-vessel machine
CLEMT	closed-loop ex-vessel machine transporter
CLIRA	closed-loop in-reactor assembly
CLIV	cold-leg isolation valve
CLJA	closed-loop jumper assembly
CLLRW	commercial low-level radioactive waste
CLOF	complete loss of feedwater
CLP	Connecticut Light and Power Co.
CLR	core lateral restraint
CLRWS	clean liquid radioactive waste system
CLS	cask loading station
CLS	closed-loop system
CLS	consequence limiting system
CLSMDA	closed-loop-system meltdown accident
CM	coarse mixing
CM	coolant mixing
CM	core melt
CM	corrective maintenance
CMA	classified mail address
CMAA	Crane Manufacturers Association of America
CMC	component modification card
CMC	core monitoring computer
CMCI	core-melt/coolant interaction
CMEA	Council for Mutual Economic Assistance (U.S.S.R.)
CMEP	Critical Mass Energy Project
CMF	central maintenance facility
CMF	common-mode failure
CMF	core-melt frequency
CMFA	common-mode failure analysis/analyses
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
CMOD	crack mouth opening displacement

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
CMTR	certified material test report
CMTR	certified mill 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	Comissão Nacional de Energia Nuclear (Brazil)
CNEN	Comitato Nazionale per l'Energia Nucleare (Italy)
CNEN	Conseil National de l'Energie Nucleaire (Luxembourg)
CNEUPEN	Commission Nationale pour l'Etude de l'Utilisation Pacifique de l'Energie Nucléaire (Belgium)
CNFP	commercial nuclear fuel plant
CNi	Consolidated National Intervenors
CNPP	corporate nuclear performance plan
CNR	Committee for Nuclear Responsibility
CNRAG	corporate nuclear review and audit group
CNRAG	company nuclear review and audit group
CNRM	Centre National de Recherches Metallurgiques (Belgium)
CNRN	Comitato Nazionale per la Ricerca Nucleare (Italy)
CNRS	Centre National de la Recherche Scientifique (France)
CNS	Catawba Nuclear Station
CNS	Cherokee Nuclear Station
CNS	Cooper Nuclear Station
CNS	corporate nuclear safety
CNSNS	Comisión Nacional de Seguridad Nuclear y Salvaguardias (Mexico)
CNSR	combination neutron source rod
CNWRA	Center for Nuclear Waste Regulatory Analyses
CO	check open
CO	chief operator
CO	confirmatory order

# C

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CO	contracting officer
COB	close of business
COBRA	coolant boiling and rod array
COC	certificate of compliance
COC	certificate of conformance
COC	Cleveland open cup (method)
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)
COG	continuity of government
COGAP	combustion gas analyzer program
COLR	core operating limit report
COLS.S	core operating limit supervisory system
COLSS	core operating limit support system
COM	communications
COM	computer output on microfiche
COM	computer output on microfilm
COMET	computer-operated management evaluation technique
COMRADEX	containment and meteorology for radiation exposure
CONAGT	Committee on Nuclear Air and Gas Treatment (ASME)
CONS	Consolidation, Office of (NRC)
COPPS	committee on power plant siting
CORAPRO	Contrôle-Radioprotection (Belgium)
COREN	Combustibili per Reattori Nucleari, SpA (Italy)
CORS	catalytic oxygen removal system
COS	change of station
COV	center of vortex
CP	Callaway Plant
CP	change proposal
CP	charging pump
CP	Chicago Pile
CP	cold pipe
CP	column product
CP	Comanche Peak
CP	Commission paper



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CP	construction permit
CP	construction procedure
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
CPCo	Consumers Power Company
CPCSF	construction permit containment support fixture
CPD	condensate pump discharge
CPDD	conceptual project design description
CPDO	containment performance design objective
CPDS	condensate polishing demineralizer system
CPE	contractor performance evaluation
CPER	construction permit environmental report
CPFF	cost plus fixed fee
CPI	center pressure index
CPI	containment performance improvement
CPIS	containment purge isolation signal
CP&L	Carolina Power & Light Co.
CPM	critical path method
cpm	count per minute
CPP	Center for Plutonium Production
CPP	coil power programmer
CPP	containment pre-entry purge
CPP	containment protection professional
CPPMU	containment pre-entry purge makeup
CPPR	construction permit for a power reactor
CPR	critical power ratio
CPRR	construction permit for a research reactor
CPRRG	Comanche Peak Report Review Group
CPRT	Comanche Peak Response Team

# C

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CPRW	condensate polishing regeneration waste
CPRWCT	condensate polishing regeneration waste collection tank
CPS	canister positioning system
CPS	Clinton Power Station
CPS	condensate polishing system
CPS	containment purge system
CPS	conversion program system
CPS	core and plant system
cps	count per second
CPSC	Consumer Products Safety Commission
CPSCI	central personnel security clearance index
CPSES	Comanche Peak Steam Electrical Station
CPU	central processing unit
CPVC	chlorinated polyvinyl chloride
CPWF	cementitious pelletized waste form
CQ	<i>Congressional Quarterly</i>
CQAA	corporate quality assurance audit
CQE	cognizant quality engineer
CQE	critical quality element
CR	Chicago Reactor
CR	civil rights
CR	conditional release
CR	<i>Congressional Record</i>
CR	containment rupture
CR	contractor report
CR	control rod
CR	control room
CRA	control rod assembly
CRAC	calculation of reactor accident consequences
CRAC	consequences of reactor accident code
CRACS	control room air conditioning system
CRATS	control room air temperature system
CRAVS	control room area ventilation system
CRB	control rod blade
CRB	cost review board
CRBR	Clinch River Breeder Reactor
CRBR	controlled-recirculation boiling-water reactor

CRBRP	Clinch River Breeder Reactor Plant
CRBRP	Clinch River Breeder Reactor Project
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
CRDA	control rod drop accident
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	collective radiation exposure
CRE	controlled residual element
CREACS	control room emergency air cleanup system
CREATCS	control room emergency air temperature control system
CREDO	centralized reliability data organization
CREFAS	control room emergency fresh air system
CREFS	control room emergency filtration system
CREHVACS	control room emergency heating, ventilation, and air conditioning system
CREST	Committee on Reactor Safety and Technology
CREV	control room emergency ventilation
CREVS	control room emergency ventilation system
CRF	correspondence routing form
CRFAS	control room fresh air system
CRG	Center Review Group
CRGR	Committee To Review Generic Requirements (NRC)
CRGT	control rod guide tube
CRI	Centre de Recherches et d'Irradiations (France)
CRI	control room indicator
CRI	control room isolation
CRI	criterion-referenced instruction

# C

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CRIS	control rod insertion signal
CRM	Centre de Recherches Métallurgiques (Belgium)
CRM	Centrum voor Research in de Metallurgie (Belgium)
CRM	certified reference material
CRM	chemical remnant magnetization
CRM	core restraint mechanism
CRM	count rate meter
CRNGP	Crystal River Nuclear Generating Plant
CRNL	Chalk River Nuclear Laboratories
CRD	control room operator
CRPI	control rod position indication
CRS	conductivity recording switch
CRS	Congressional Research Service
CRS	containment recirculation spray
CRSS	containment recirculation spray system
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
CRW	clean radwaste
CRWSS	condensate and refueling water storage system
CS	carbon steel
CS	communications system
CS	component support
CS	containment safety
CS	containment spray
CS	control system
CS	core spray
CS	current status
CSA	chemical storage area
CSA	core special assembly
CSA	core structure accident
CSAS	containment spray actuating signal
CSAS	containment spray actuation signal
CSB	core support barrel
CSC	Computer Sciences Corporation

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	components and structures engineering
CSE	containment steam explosion
CSE	containment systems experiment
CSF	central service facility
CSF	condensate storage facility
CSF	containment support fixture
CSF	Coulter Steel and Forge
CSF	critical safety function
CSHX	containment spray heat exchange
CSIP	containment safety initiatives program
CSIS	containment spray injection system
CSN	Consejo de Seguridad Nuclear (Spain)
CSNI	Committee on the Safety of Nuclear Installations
CSOEC	Columbus and Southern Ohio Electric Co.
CSP	Coalition for Safe Power
CSP	containment spray pump
CSPT	core support performance test
CSR	cable spreading room
CSRS	containment spray recirculation system
CSS	cask support structure
CSS	cast stainless steel
CSS	condensate storage system
CSS	containment spray system
CSS	core support structure
CST	condensate storage tank
CSTB	condensate storage tank building
CSTR	continuously stirred tank reactor
CSTS	condensate storage and transfer system
CSTS	construction and startup/turnover surveillance group
CSWS	Central and Southwest Services, Inc.

# C

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CT	cable test
CT	CLEM (closed-loop ex-vessel machine) transporter
CT	computerized tomography
CT	cooling tower
CTBT	Comprehensive Test Ban Treaty
CTD	charged tape detection
CTF	cask tilting fixture
C/Th	carbon-to-thorium atomic ratio
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 tray vertical chase
C/U	carbon-to-uranium atomic ratio
CUC	cask unloading cell
CUP	cask unloading pool
CURE	Citizens United for Responsible Energy
CUSP	City Utilities of Springfield
CUWS	cask unloading warm shop
CV	control valve
CVA	consecutive-valve actuation
CVAS	controlled ventilation area system
CVC	chemical and volume control
CVCS	chemical and volume control system
CVH	containment vent header
CVI	certified vendor information
CVI	containment ventilation isolation
CVIS	containment ventilation isolation signal



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CVL	continuous vent line
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	case work
CW	circulating water
CW	cold worked
CW	column waste
CW	cooling water
CWB	chilled water building
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 pump house
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.

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DA	deaerator
DA	dose assessment
DAC	distance amplitude correction
DAE	Department of Atomic Energy (India)
DAEC	Duane Arnold Energy Center
DAF	dynamic amplification factor
DANATOM	Danish Association for industrial Development of Atomic Energy
DAR	design assessment report
DAS	data acquisition system
DAS	disturbance analysis system
DAT	disconnect actuating tool
DAtF	Deutsches Atomforum e.V. (Germany)
DAVDS	data acquisition and visual display system
DAW	dry active waste
DAYP	Dairyland Power Cooperative
DE	dry bulb
DBA	design-basis accident
DBD	design-basis document
DBDA	design-basis depressurization accident
DRE	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
DBMS	database management system
DBNPS	Davis-Besse Nuclear Power Station
DBOA	delayed breeder or alternative
DBP	dibutyl phosphate
DBPB	design-basis pipe break
DBT	design-basis tornado

# D

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DBTT	ductile-to-brittle transition temperature
DBVP	design baseline and verification program
DC	data control
DC	design contractor
DC	document control
DC	drain channel
dc	direct current
DCA	design change and authorization
DCA	Dosimeter Corporation of America
DCA	drain channel A
DCAA	Defense Contract Audit Agency
DCB	drain channel B
DCC	damaged core coolability
DCC	Daniels Construction Company
DCC	degraded core coolability
DCCA	Data Computer Corporation of America
DCD	document control desk
DCF	dose conversion factor
DCH	direct containment heating
DCH	drain collection header
DCIP	design change improvement program
DCIR	daily Cadweld inspection report
DCM	Delaware Custom Material
DCN	design change notice
DCN	document change notice
DCNPP	Diablo Canyon Nuclear Power Plant
DCP	document control procedure
DCP	Donald C. Cook Plant
DCPD	direct current potential drop
DCR	defueling completion report
DCR	design change request
DCR	direct conversion reactor
DCRDR	detailed control room design review
DCRN	dashpot cup retention nut
DCS	document control system
DCT	differential current transformer
DCV	directional control valve

DCX	direct current experiment
DD	deputy director
D-D	deuterium-deuterium
DDD	direct distance dialing
DDH&DS	digital data handling and display system
DDNB	delayed departure from nucleate boiling
DDR	deficiency and disposition report
DDS	digital data service
DDT	deflagration to detonation
DDT	design data transmittal
DDTY	drag disc-turbine transducer
DE	diagnostic evaluation
DE	Detroit Edison Co.
DE	dose equivalent
DE	double ended
DEA	driver evaluation assembly
DEA	Drug Enforcement Administration
DEB	double-ended break
DECL	double-ended cold leg
DECLG	double-ended cold-leg guillotine
DECO	Detroit Edison Co.
DEFAS	diverse emergency feedwater actuation system
DEG	double-ended guillotine
DEGB	double-ended guillotine break
DEH	digital electrohydraulic
DEHL	double-ended hot leg
DEHLG	double-ended hot-leg guillotine
DEI	dielectric and electrical insulation
DEi	dose equivalent iodine
DEIS	draft environmental impact statement
DEMA	Diesel Engine Manufacturers Association
DEP	design external pressure
DEPS	double-ended pump suction
DEPSG	double-ended pump suction guillotine
DER	Department of Environmental Research
DER	Department of Environmental Resources
DER	design electrical rating

# D

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DER	double-ended rupture
DERE	Dounreay Experimental Reactor Establishment (Scotland)
DERM	disassembly examination reassembly machine
DES	data encryption standard
DES	Department of Emergency Services
DES	double-ended slot
DES	draft environmental statement
DESL	double-ended suction leg
DESLs	double-ended suction leg slot
DET	diagnostic evaluation team
DEW	Deutsche Edelstahlwerke, A.G. (Germany)
DF	debris formation
DF	decontamination factor
dF	dilution factor (also Fd)
DF	dilution factor
DF	dose factor
Df	dose factor
DFA	driver fuel assembly
DFA	dummy fuel assembly
DFBN	debris-filter bottom nozzle
DFC	design field change
DFFR	dynamic forcing function report
DFOS	diesel fuel oil system
DFP	decommissioning funding plan
DFP	diesel fire pump
DFR	damaged fuel relocation
DFR	Dounreay Fast Reactor (Scotland)
DFRP	downcomer flow resistance plate
DFT	dry film thickness
DG	diesel-engine generator
DG	diesel generator
D/G	diesel 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

DGEA	draft generic environmental assessment
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
DID	defense in depth
DIMPLE	Deuterium Moderated Pile Low Energy Reactor
DIP	design internal pressure
DIPS	dynamic isotope power system
DIV	drywell isolation valve
DL	dead load
DL	Duquesne Light Co.
DLAT	discharge-line air temperature
DLF	dynamic load factor
DLL	discharge-line length
DLRWS	dirty liquid radioactive waste system
DLV	discharge-line volume
DLWL	discharge-line water-leg length
DM	damage monitor
DM	demineralized
DMA	direct memory access
DMPL	Delmarva Power and Light Co.
DMS	data management subsystem
DMT	dispersive mechanism test
DMTR	Dounreay Materials Testing Reactor (Scotland)
DMUX	distributed multiplex



# D

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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)
DNT	dinitrotoluene
DO	designated official
DO	dissolved oxygen
DO	duty officer
DOC	Department of Commerce
DOD	Department of Defense
DOE	Department of Energy
DOG	dissolver off-gas
DOI	Department of the Interior
DOL	Department of Labor
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	degree of sensitization
DOS	Department of State
DOS	disk operating 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
DPE	discipline project engineer
DPIS	differential pressure indicating switch
DPIV	drywell purge isolation valve
DPLC	Dayton Power and Light Co.
dpm	decade per minute
DPMM	dewpoint moisture monitor
DPO	differing professional opinion
DPP	drip pan pot
DPR	developmental power reactor
DPR	demonstration power reactor
DPS	demand position system
DPV	differing professional view
DR	design review
DR	designated representative
DR	Danish Reactor
DR	deficiency report
DR	discrepancy report
DRA	dropped rod accident
DRC	dropped rod control
D/RE	disassembly/reassembly equipment
DRES	direct reading emission spectrograph
DRF	dose reduction factor
DRMW	demineralized reactor makeup water
DRPI	digital rod position indication
DRPI	digital rod position indicator
DRPIS	digital rod position indication system
DR/OR	design review/quality revalidation
DRR	document release record
DRS	development requirements specification
DRS	disassembly/reassembly station
DRW	dirty radwaste
DS	decontamination shop
DS	design standard
D/S	dynamic/static

# D

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DSC	design safety criterion/criteria
DSE	draft safety evaluation
DSER	draft safety evaluation report
DSIR	Department of Scientific and Industrial Research (United Kingdom)
DSL	drawing and specification listing
DSO	designated senior official
DSO	director of site operations
D-T	deuterium-tritium
DTA	differential thermal analysis/analyses
DTER	draft technical evaluation report
DTI	diagnostic team inspection
DTNSRDC	David Taylor Naval Ship Research and Development Center
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
DTV	direct torus vent
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 voltmeter
DW	deadweight
DW	demineralized water
DW	drywell
DWCS	defueling water cleanup system
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. (Germany)
DWL	depressed water leg

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DWL	drywell
DWMS	demineralized water makeup system
DWP	detailed work plan
DWR	Department of Waste Resources
DWS	demineralized water system
DWS	development work statement
DWST	demineralized water storage tank
DWT	drop weight test
DYNAL	dynamic analysis/analyses

# E

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E/A	element and attribute
EA	enforcement action
EA	engineering assurance
EA	environmental assessment
E&A	erratum/errata and addendum/addenda
E/A	erratum/errata and addendum/addenda
EAB	exclusion area boundary
EAC	emergency assessment coordinator
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	experimental activity proposal
EAPS	essential auxiliary power system
EAS	essential auxiliary support
EAS	experiment assurance system
EASE	elastic analysis for structural engineering
EASI	estimate of adversary sequence interruption
EAST	Eastern Utilities Associates
EATS	Enforcement Action Tracking System
EB	electron beam
EBASCO	Electric Bond and Share Company
EBASCO	EBASCO Services Inc.
EBOR	experimental beryllium oxide reactor
EBR	experimental breeder reactor
EBS	emergency barrier system
EBS	Emergency Broadcast System
EBTF	ECC (emergency core cooling) bypass test facility
EBWR	experimental boiling-water reactor
EC	eddy current
EC	emergency coordinator

# E

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EC	enforcement coordinator
EC	European Communities
EC	event category
ECA	energy-conversion area
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
ECD	electronic capture device
ECF	emergency cooling function
ECFM	eddy current flowmeter
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	emergency cooling pond
ECP	employee concerns program
ECP	engineering change proposal
ECP	estimated critical position
E&CQA	engineering and construction quality assurance
ECR	emergency coolant recirculation
ECR	estimate change request
ECS	emergency control station
ECS	environmental control shroud
ECS	environmental control system
ECS-SP	employee concerns special program
ECST	emergency condensate storage tank
ECT	eddy current test
ECT	emergency cooling tower
ECTG	employee concerns task group
ECTS	electronic custom telephone set
ECTS	electronic custom telephone system
ECW	emergency cooling water



ECW	essential chilled water
ECWP	emergency cooling water pond
ECWPH	emergency cooling water pump house
ED	electron device
ED	exhaust damper
EDAX	energy dispersive x-ray analysis/analyses
EDC	emergency decontamination center
EDCN	engineering drawing change notice
E&DCR	engineering and design coordination report
EDECWS	emergency diesel engine cooling water system
EDELS	emergency diesel engine lubrication system
EDESS	emergency diesel engine starting system
EdF	Electricité de France (France)
EDG	emergency diesel generator
ED/G	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 (NRC)
EDO	Executive Director for Operations, Office of the (NRC)
EDP	electronic data processing
EDRO	Executive Director of Regional Operations, Office of (U.S. Food and Drug Administration)
EDS	experimental data system
EDS	explosives detection system
EDSFI	engineering distribution system functional inspection
EDT	energy dissipation test
EDT	equipment drain tank
EDT	explosives detector team
EDTA	ethylenedinitrilo tetraacetic acid
EDTS	equipment drain treatment system
EEC	end-of-equilibrium cycle
EEC	European Economic Community
EECW	emergency equipment cooling water
EEI	Edison Electric Institute



# E

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EEM	extrapolated endpoint method
EEPVS	electrical equipment protection ventilation system
EEQML	electrical equipment qualification master list
EEQSP	environmental equipment qualification summary package
EER	engineering evaluation request
EERF	Eastern Environmental Radiation Facility
EES	economizer-evaporator superheater
EES	emergency exhaust system
EESWS	emergency equipment service water system
EFAPP	Enrico Fermi Atomic Power Plant
EFAS	emergency feedwater actuation signal
EFAS	emergency feedwater actuation system
EFCO	Engineers and Fabricators Company
EFCV	excess flow check valve
EFD	engineering flow diagram
EFDS	equipment and floor drainage system
EFFBR	Enrico Fermi Fast Breeder Reactor
EFI	Enrico Fermi Institute
EFIC	emergency feedwater initiation and control
EFIM	expected flow measurement
EFNS	Educational Foundation for Nuclear Science
EFO	equipment-forced outage
EFP	electric fire pump
EFP	Enrico Fermi Atomic Power Plant
EFPD	effective full-power day
EFPD	equivalent full-power day
EFPH	effective full-power hour
EFPM	effective full-power month
EFPY	effective full-power year
EFS	emergency feedwater system
EFT	emergency filter treatment
EFT	emergency filter train
EFW	emergency feedwater
EFWS	emergency feedwater system
EFWST	emergency feedwater storage tank
EG	emergency generator
EGCR	experimental gas-cooled reactor

EGDN	ethylene glycol dinitrate
EGM	enforcement guide memorandum/memoranda
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
E&I	electrical and instrumentation
EIA	Energy Information Administration
EIA	environmental impact appraisal
EIAP	environmental impact assessment project
EICC	emergency information and coordination center
EIIS	energy industry identification system
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
EIS	environmental information system
EKG	effective kilogram
EL	Elettronucleare Italiana (Italy)
ELP	Employees Legal Project
ELPHR	experimental low-temperature process heat reactor
ELR	effectiveness limiting risk
ELS	error-likely situation
EM	electromagnetic
EM	elevation model
EM	engineering management
EM	environmental management
EM	evaluation model
E/M	electromechanical

# E

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E-MAD	engineer-maintenance assembly-disassembly
EMB	engineering in medicine and biology
EMC	electromagnetic compatibility
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
EMRV	electromagnetic relief valve
EMS	earthquake monitoring system
EMS	Emergency Medical Services
EMT	electrical metallic tubing
EMT	emergency management team
EMT	executive management team
EN	enforcement notification
ENC	Exxon Nuclear Company, Inc.
ENDESA	Empresa Nacional de Electricidad, S.A. (Chile)
ENEA	European Nuclear Energy Association
ENEL	Ente Nazionale per l'Energia Elettrica (Italy)
ENI	Electro-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	Energie Nucléaire, S.A. (Switzerland)
EO	emergency officer
EO	enforcement officer
EO	equipment operator
E.O.	Executive Order
EOC	emergency operations center
EOC	end of cycle

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EOCR	experimental organic-cooled reactor
EOC-RPT	end-of-cycle recirculation pump trip
EOD	explosives ordnance disposal
EOEC	end-of-equilibrium cycle
EOF	emergency operations facility
EOI	emergency operating instruction
EOL	end of life
EOP	emergency operating procedure
EOS	equation of state
EOY	end of year
EP	electric power
EP	emergency power
EP	emergency preparedness
EP	emergency procedure
EP	equipment piece
E/P	electrical to pneumatic
EPA	electrical penetration assembly
EPA	engineering plant analyzer
EPA	Environmental Protection Agency
EPB	emergency planning basis/bases
EPBE	emergency-planning-basis event
EPC	emergency preparedness coordinator
EPC	engineering planning coordinator
EPDC	Electric Power Development Co. Ltd. (Japan)
EPDM	ethylene propylene diene monomer
EPE	emergency plan evolution
EPE	emergency preparedness evaluation
EPEC	El Paso Electric Co.
EPFE	electrical penetration filter and exhaust
EPG	emergency procedure guideline
EPI	Environmental Policy Institute
EPIA	emergency preparedness implementation appraisal
EPiP	emergency plan implementing procedure
EPL	environmental protection limit
EPM	electrical power monitoring
EPM	end path manual
EPM	engineering project manager

# E

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EPM	engineering procedure memorandum/memoranda
EPM	environmental project manager
EPP	engineering program plan
EPP	environmental protection plan
EPR	electromechanical potentiokinetic reactivation
EPR	emergency planning review
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
EPSS	emergency power sequencing subsystem
EPT	ethylene-propylene terpolymer
EPZ	emergency planning zone
EQ	environmental qualification
EQ	environmentally qualified
EQ	equipment qualification
EQC	equipment qualification coordinator
EQD	environmental qualification document
EQDB	equipment qualification database
EQDF	equipment qualification data file
EQDP	environmental qualification data package
EQEDC	equipment qualification environmental design criterion/criteria
EQML	equipment qualification master list
ER	emergency response
ER	environmental report
ERA	Economic Regulatory Administration
ERA	Energy Research Abstracts
ERA	Energy Reorganization Act
ERB	experiment review board
ERBS	emergency radio broadcast system
ERC	emergency relocation center
ERC	emergency response coordinator
ERC	Engineering Research Council
ERCOT	Electric Reliability Council of Texas
ERCW	emergency raw cooling water

ERCW	essential raw cooling water
ERCWS	emergency raw cooling water system
ERDA	Energy Research and Development Administration
ERDAM	Energy Research and Development Administration Manual
ERDS	emergency response data system
ERF	emergency response facility
ERF	entrainment release factor
ERF	explosion release factor
ERFDADS	emergency response facility data acquisition and display system
ERFIS	emergency response facility information system
ERG	emergency response guideline
ERIE	emergency resources identification equipment
ERIS	emergency response information system
ERL	emergency reference level
ERO	engineering release order
EROD	executive resources and organizational development
EROS	earth resources observation system
EROS	electric radiological occurrence system
ERP	elevated release point
ERPA	emergency response planning area
ERR	Elk River Reactor
ERS	Economic Research Service
ERSP	earth resources survey program
ERT	emergency repair team
ERT	emergency response team
ERT	employee response team
ERTS	environmental radiological technical specification
ERTS	environmental resources technology satellite
ERV	emergency relief valve
ES	engineered safeguards
ES	examination standard
ES	extraction steam
E/S	electrical supply
ESADA	Empire States Atomic Development Associates
ESAS	engineered safeguards actuation system
ESCA	extended source calibration area
ESCO	Electrical Steel Company

# E

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ESCOM	Electricity Supply Commission (South Africa)
ESCWS	essential services cooling water system
ESD	extension shaft disconnect
ESDR	engineered safeguards design rating
ESEERC	Empire State Electric Energy Research Corporation
ESF	engineered safety feature
ESF	exploratory shaft facility
ESFA	engineered safety feature actuation
ESFAS	engineered safety feature actuation system
ESFS	engineered safety feature system
ESFVS	engineered safety feature ventilation system
ESO	emergency support organization
ESO	Engineering Service Organization
ESP	earth-surface potential
ESQ	equipment seismic qualification
ESR	early site review
ESR	electron spin resonance
ESR	experimental superheat reactor
ESRG	Energy Systems Research Group
ESRP	environmental standard review plan
ESRR	early site review report
ESS	electronic switching system
ESS	engagement simulation system
ESS	evaporation/solidification system
ES&S	engineering services and safety
ESSA	Environmental Science Services Administration
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	emergency service water system
ESWS	essential service water system



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ESWSS	emergency service water supply system
ET	emergency tank
ET	executive team
ETA	equipment transfer aisle
ETA	estimated time of arrival
ETC	estimated time of completion
ETE	evacuation time estimate
ETEC	Energy Technology Engineering Center
ETF	extended task force
ETG	electrical test group
ETL	environmental team leader
ETP	equivalent top product
ETQAP	education and training in quality assurance practices
ETR	engineering test reactor
ETS	environmental technical specification
E&TT	engineering and technical training
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	external vessel transfer machine
EVTM	ex-vessel transfer machine
EWEB	Eugene Water and Electricity Board
EWST	elevated water storage tank
EWST	emergency water storage tank
EXSIS	executive shared information system
EZB	exclusion zone boundary

# F

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FA	forced air
FA	fuel assembly
FA	full arc
F/A	fuel assembly
FAA	Federal Aviation Administration
FAA	fresh acid add
FaAA	Failure Analysis Associates
FAB ISO	fabrication isometric
FAC	final acceptance criterion/criteria
FACA	Federal Advisory Committee Act
FAF	Forum Atomique Français (France)
FAI	fail as is
FAPIG	First Atomic Power Industry Group (Japan)
FAR	Federal Acquisition Regulation
FAR	Fontenay-aux-Roses Nuclear Research Center (France)
FAR	functional analysis report
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
FBACS	fuel building air cleanup system
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

# F

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FCA	field change authorization
FCD	fine control damper
FCD	full core discharge
FCD	functional control diagram
FCE	flexible critical experiment
FCG	fatigue crack growth
FCI	Fluid Controls Institute
FCI	fuel-coolant interaction
FCN	field change notice
FCP	field change package
FCR	fast ceramic reactor
FCR	fast conversion ratio
FCR	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
FDG	fluid distribution grid
FDI	field disposition instruction
FDM	frequency division multiplex
FDR	final design report
FDR	functional design requirement
FDS	final docketed special
FDS	floor drain system

FDSA	facility description and safety analysis/analyses
FDT	floor drain tank
FDTS	floor drain treatment system
FDW	feedwater
FE	flow element
FEA	Federal Energy Administration
FEA	front-end analysis/analysis
FECCSR	failure of emergency core cooling system recirculation
FEDAL	failed element detection and location
FEDAL	fuel element detection and location
FEDP	Federal Executive Development Program
FEF	foreign event file
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
FEQ	facility emergency organization
FERC	Federal Energy Regulatory Commission
FERD	fuel element rupture detection
FERMILAB	Fermi National Accelerator Laboratory
FERP	fire emergency response plan
FES	final environmental statement
FF	filter factor
FF	fluorine facility
FFD	fitness for duty
FFE	Federal field exercise
FFE	FRERP (Federal Radiological Emergency Response Plan) field exercise
FFE	full field exercise
FFF	fuel failure fraction
FFI	full field investigation
FFLS	failed fuel location subsystem
FFM	fuel failure mockup
FFP	fuel fabrication plant

# F

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FFR	folded flow reactor
FFRDC	Federally Funded Research and Development Center
FFTF	fast flux test facility
FFTFPO	Fast Flux Test Facility Project Office
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
FHAR	fire hazards analysis report
FHAVS	fuel-handling area ventilation system
FHB	fuel-handling building
FHBVI	fuel-handling building ventilation isolation
FHBVS	fuel-handling building ventilation system
FHC	fuel-handling cell
FHE	fuel-handling equipment
PHES	fuel-handling equipment system
FHIS	fuel-handling isolation signal
FHOB	fuel-handling operator booth
FHP	fuel-handling procedure
FHPC	fuel-handling and preparation cell
FH&RM	fuel-handling and radioactive maintenance
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 manual
FIMA	fission per initial heavy metal atom
FIN	financial identification number
FIP	field inspection procedure
FIPS	Federal information processing standard
FIR	food irradiation reactor
FIRMR	Federal Information Resources Management Regulation
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
FIVE	fire vulnerability evaluation
FJO	field job order
FLAME	flame acceleration measurement and experiment
FLD	fuel-loading data
FLECHT	full-length emergency cooling heat transfer
FLIP	floating index point
FLIP	fuel lifetime improvement program
FLIT	free limiting internal truss
FLST	full-length source term
FM	Factory Mutual
FM	fracture mechanics
FM	frequency multiplier
FMEA	failure modes and effects analysis/analyses
FMEF	fuels and materials examination facility
FMF	fuel-melt fraction
FMIT	fusion materials irradiation test
FMRC	Factory Mutual Research Corporation
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
FONSI	finding of no significant impact
FONUBEL	Forum Nucléaire Belge (Belgium)
FOR	forced outage rate
FORATOM	Forum Atomique Européen
FORC	fluorinator off-gas recycle compressor
FOTA	fuels open test assembly



# F

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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 & Light Co.
FPL	full performance level
FP&L	Florida Power & Light Co.
FPM	Federal Personnel Manual
FPPH	fire protection pump house
FPPVS	fuel pool pump ventilation system
FPR	Federal procurement regulation
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
FQC	field quality control
FR	<i>Federal Register</i>
FR	flow regulator
FR	friction ratio
FRA	flow recorder and alarm
FRAB	fuel receiving air blower
FRAC	Federal Regional Assistance Committee
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	Forschungsreaktor Berlin (Germany)
FRC	Federal Radiation Council
FRC	Federal Records Center
FRC	Federal Response Center
FRC	Fire Research Center
FRC	flow recording controller
FRC	fractional relief capacity
FRC	Franklin Research Center
FRCS	flow recording controller switch
FRCTF	fast reactor core test facility
FRD	formerly restricted data
FRERP	Federal Radiological Emergency Response Plan
FRF	fuel reprocessing facility
FRMAC	Federal Radiological Monitoring and Assessment Center
FRMAP	Federal Radiological Monitoring and Assessment Plan
FRN	<i>Federal Register</i> notice
FRN	formal report number
FRP	fuel reprocessing plant
FRPCC	Federal Radiological Preparedness Coordinating Committee
FRS	fast reactor safety
FRS	fixed radial shield
FRS	floor response spectrum/spectra
FRS	fuel receiving station
FRSF	fuel receiving and storage facility
FRTEF	fast reactor thermal engineering facility
FS	factor of safety
FS	far side
FS	finishing superheater
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

# F

FSN	Federal stock number
FSiNM	formula quantity of strategic special nuclear material
FSP	fuel storage pool
FSPA	fuel storage personnel area
FSPB	fuel storage processing building
FSPPR	fast supercritical pressure power reactor
FSPVS	fuel storage pool ventilation system
FSR	First Soviet Reactor
FS&R	filling, storage, and remelt
FS&RS	filling, storage, and remelt system
FSS	fire suppression system
FSS	floor service station
FSSAR	final standard safety analysis report
FSTF	full-scale test facility
FSV	Fort St. Vrain
FSVNGS	Fort St. Vrain Nuclear Generating Station
FT	fault tree
FT	flow transmitter
FTA	fault tree analysis/analyses
FTC	Federal Telecommunications Center
FTC	fuel temperature coefficient
FTC	fuel transfer canal
FTE	FFTF (fast flux test facility) test engineering
FTE	fracture transition elastic
FYE	full-time equivalent
FTL	full-term license
FIL	full-time license
FTM	functional test matrix
FTOL	full-term operating license
FTP	FFTF (fast flux test facility) test procedure
FTP	fracture transition plastic
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 assembly

FTG	Federal Telecommunications System
FTS	fuel transfer system
FT&SA	fuel transfer and storage assembly
FTTM	few-tube test model
FTTS	flow-through tube sampler
FTU	formazine turbidity unit
FUETAP	formed under elevated temperature and pressure
FUFO	fuel fusing option
FUSE	Floridians United for Safe Energy, Inc.
FUSRAP	formerly utilized sites remedial action program
FV	floor valve
FVA	floor valve adapter
FVC	filtered vented containment
FVCS	filtered vented containment system
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. (subsidiary of Foster Wheeler Corp.)
FWHM	full width half maximum
FWIV	feedwater isolation valve
FWLB	feedwater line break
FWLC	feedwater level control system
FWP	Federal Women's Program
FWPAC	Federal Women's Program Advisory Committee
FWPB	feedwater pipe break
FWPCA	Federal Water Pollution Control Act
FWS	feedwater supply
FWS	feedwater system
FWSDR	final working system design review
FWSH	fresh water supply header
FWST	fueling water storage tank
FY	fiscal year

# F

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FYP

five-year plan

FZS

Forschungszentrum Seibersdorf, G.m.b.H. (Austria)

# G

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GA	gas analysis/analyses
GA	General Atomics (before 1988, GA Technologies, Inc.)
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 Atomics material assay system
GAO	General Accounting Office
GAP	Georgia Power Co.
GAP	Government Accountability Project
GASSAR	General Atomics 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
GCB	gravity cutback
GCBR	gas-cooled breeder reactor
GCEP	gas centrifuge enrichment plant
GCFBR	gas-cooled fast breeder reactor
GCH	gas collection header
GCHWR	gas-cooled, heavy-water-moderated reactor
GCI	Generic Communications Index
GCL	gas-cooled loop
GCR	gas-cooled reactor
GCRA	Gas-Cooled Reactor Associates
GCRE	gas-cooled reactor experiment
GCS	glued cylindrical specimen
GCSS	graphite core support structure
GDC	general design criterion/criteria
GDS	general declassification schedule

# G

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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
GEIS	generic environmental impact study
GENTR	General Electric Nuclear Test Reactor
GERA	General Engineering Research and Applications (Belgium)
GERP	general employee retraining program
GERS	general equipment ruggedness spectrum/spectra
GES	generic environmental statement
GESMO	Generic Environmental Statement on Use of Mixed Oxide Fuel
GESSAR	General Electric Standard Safety Analysis Report
GET	general employee training
GETAB	General Electric Thermal Analysis Basis
GETP	general employee training program
GETR	General Electric Test Reactor
GETSCO	General Electric Technical Services Co.
GFE	Government-furnished equipment
GFE&M	Government-furnished equipment and material
GFES	generic fundamentals examination section
GFFD	gross failed fuel detector
GFK	Gesellschaft für Kernforschung, m.b.H. (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
GI	generic issue
GIBBSAR	Gibbs and Hill, Inc., Standard Safety Analysis Report
GIC	geomagnetically induced current
GIDEP	Government-Industry Data Exchange Program



GIF	gamma irradiation facility
GIFT	gas-insulated flow tube
GIIN	Groupe Intersyndical de l'Industrie Nucléaire (France)
GIP	generic implementation procedure
GIS	geographic information system
GIS	geologic information system
GKM	Grosskraftwerk Mannheim, A.G. (Germany)
GKN	Gemeenschappelijke Kernenergiecentrale Nederland N.V. (Netherlands)
GKN	Gemeinschaftskernkraftwerk Neckar, G.m.b.H. (Germany)
GKT	Gemeinschaftskernkraftwerk Tullnerfeld, G.m.b.H. (Austria)
GKW	Gemeinschaftkraftwerk Weser, G.m.b.H. (Germany)
GL	generic letter
GL	Government liaison
GLASS	germanium-lithium-argon scanning system
GLEEP	Graphite Low-Energy Experimental Pile (United Kingdom)
GLRWS	gaseous and liquid radioactive waste system
GM	Geiger-Müller
GMAW	gas metal arc weld
GMPC	Green Mountain Power Corp.
GMT	Greenwich mean time
NGGS	Genoa Nuclear Generating Station
GNPP	R.E. Ginna Nuclear Power Plant
GNS	Gesellschaft für Nuklear-Service, m.b.H. (Germany)
GO-CO	Government owned/contractor operated
GOI	general operating instruction
GORX	graphite oxidation from reactor excursion
GOS	group operating service
GP	general purpose
GP	generic project
GPA	Governmental and Public Affairs, Office of (NRC)
GPC	Georgia Power Company
GPCL	general purpose closed loop
GPE	general purpose evaporator
GPL	general purpose loop
GPO	Government Printing Office
GPP	general plant project



# G

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GPR	Group Permanent Reactor
GPT	general plant telephone
GPU	General Public Utilities Corp.
GPUN	GPU (General Public Utilities) Nuclear Corp.
GPUSC	GPU (General Public Utilities) Service Corp.
GRC	generation review committee
GRI	Gas Research Institute
GRR	Greek Research Reactor
GRS	gaseous radwaste system
GRS	geoscience and remote sensing
GRS	Gesellschaft für Reaktorsicherheit, m.b.H. (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
GSER	generic safety evaluation report
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
GTLS	gaseous tritium light source
GTR	ground test reactor

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GTRR	Georgia Technology Research Reactor
GTTF	gas-turbine test facility
GUNFCO	Gulf United Nuclear Fuels Corporation
GV	guard vessel
GWV	gross vehicle weight
GWD	gaseous waste disposal
GWMS	gaseous waste management system
GWMS	gas-water module storage
GWPS	gaseous waste processing system
GWS	gaseous waste system
GWTT	ground-water travel time

# H

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H/A	hand/automatic
HAA	head access area
HAAUP	hanger and analysis update program
HACL	Harvard Air Cleaning Laboratory
HAD	heat-activated device
HAD	heat-actuated device
HAFM	helium accumulation fluence monitor
HAN	hydroxylamine nitrate
HAP	hafnium column product
HAPS	Houston automatic priority spooling
HAS	holding action system
HASL	Health and Safety Laboratory
HAW	high acid waste
HAX	hafnium column extractant
HAZ	heat-affected zone
HAZCAP	Hazard Communication Compliance Assistance Program (U.S. Occupational Safety and Health Administration)
HAZEL	Homogeneous Assembly Zero Energy Laboratory
HB	handbook
HB	horizontal baffle
HBA	horizontal baffle assembly
HBP	hydrogen behavior program
HBPP	Humboldt Bay Power Plant
HBS	hydrogen burn survivability
HBWR	Halden Boiling Heavy Water Reactor (Norway)
HCDA	hydrodynamic core-disruptive accident
HCDA	hypothetical core-disruptive accident
HCDB	heat code database
HCE	human-caused error
HCGS	Hope Creek Generating Station
HCLF	horizontal cask lifting fixture
HCLPF	high confidence in low probability of failure
HCM	hydraulic core mockup

# H

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HCOG	Hydrogen Control Owners Group
HCS	hydrazine control system
HCS	hydrogen control system
HCSS	head compartment support structure
HCU	hydraulic control unit
HCV	hand control valve
HCV	hydraulic control valve
HCW	hafnium column waste
HDGR	high-density gas reactor
HDO	headquarters duty officer
HDR	Heissdampfreaktor (Germany)
HDP	hot dry rock
HD1	heated detonation tube
HDW	high-pressure demineralized water
HE	human error
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 deficiency
HED	human engineering discrepancy
HEDL	Hanford Engineering Development Laboratory
HEHF	Hanford Environmental Health Foundation
HEI	Heat Exchanger Institute
HELB	high-energy line break
HELBA	high-energy line break analysis/analyses
HELCO	Hartford Electric Light Co.
HELP	Health and Energy Learning Project
HEM	homogeneous equilibrium model
HEP	human-error probability
HEPA	high-efficiency particulate air
HEPB	high-energy pipe break
HER	human-error rate
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. (Germany)
HEX	uranium hexafluoride
HFAR	hardware failure analysis report
HFBR	high-flux beam reactor
HFCE <sub>2</sub>	high-flux critical experiment <sub>2</sub>
HFEF	hot fuel examination facility
HFIR	high-flux isotope reactor
HFP	hot full power
HFPP	human factors program plan
HFR	high-flux reactor
HFRG	human factors review group
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, U.S. Department of
HHSI	high-head safety injection
HHW	high-heat waste
HI	Hydraulic Institute
H&I	harassment and intimidation
HIC	hand indicator controller
HIC	high integrity container
HIC-C	high conversion—critical
HID	high impact design
HID	high-intensity discharge
HIFAR	High-Flux Australian Reactor
HIFRENSA	Hispano-Francesa de Energía Nuclear, S.A. (Spain)
HIL	helium impurities loop
HILAC	heavy ion linear accelerator

# H

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HILC	high inter: mediate level cell
HIP	Hanford Isotopes Plant
HIPA	high-speed interactive plant analysis/analyses
HIPOW	hot isostatic pressing of waste
HIR	hanger inspection report
HIRDL	High-Intensity Radiation Development Laboratory
HIS	hydrogen igniter system
HIS	hydrogen ignition system
HITC	Hydraulic Institute test code
HKG	Hochtemperatur-Kernkraftwerk, G.m.b.H. (Germany)
HLB	hot laboratory building
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
HL&P	Houston Lighting & Power Co.
HLRW	high-level radioactive waste
HLSW	high-level solidified waste
HLW	high-level liquid waste
HLW	high-level radioactive 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
HM	heavy metal
HMS	Hanford Meteorology Survey
HMS	hydrogen mixing system
H&N	Holmes and Narver, Inc.
HNL	Holifield National Laboratory
HNNP	Haddam Neck Nuclear Plant
HNP	Haddam Neck Nuclear Plant



HNP	Hartsville Nuclear Plant
HNPf	Hallam Nuclear Power Facility
HO	hydraulic operator
HOG	head off-gas
HOO	headquarters operations officer
HOP	HEDL (Hanford Engineering Development Laboratory) overpower
HOTCE	hot critical experiment
HP	Edwin I. Hatch Plant
HP	hanger package
HP	health physicist
HP	health physics
HP	high pressure
HP	high purity
HPC	health physics center
HPC	hot pipe chase
HPCF	high-pressure core flooder
HPCI	high-pressure coolant injection
HPCIS	high-pressure coolant injection system
HPCS	high-pressure core spray
HPD	high-power density
HPES	human performance evaluation system
HPFL	high-performance fuels laboratory
HP <sup>FP</sup>	high-pressure fire protection
HPI	high-pressure injection
HPIS	high-pressure injection system
HPN	health physics network
HPOF	high-pressure oil fill
HPOF	high pressure, oil filled
HPP	health physics program
HPP	hot processing plant
HPR	high-pressure recirculation
HPRR	health physics research reactor
HPRS	high-pressure recirculation system
HPS	Hanford Plant standard
HPS	Health Physics Society
HPS	health physics station
HPS	helium purification system



# H

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HPS	hydrogen purge system
HPSI	high-pressure safety injection
HPSIP	high-pressure safety injection pump
HPSP	high-power set point
HPSW	high-pressure service water
HPSWS	high-pressure service water system
HPT	high-pressure turbine
HPT	hot pipe tunnel
HPU	hydraulic power unit
HQ	Hydro-Quebec (Canada)
HR	hard rock
HR	hydrogen recombiner
HRB	Hochtemperatur-Reaktorbau, G.m.b.H. (Germany)
HRE	homogeneous reactor experiment
HRPS	hydrogen recombination and purge system
HRRM	high-range radiation monitor
HRS	heat rejection system
HRT	homogeneous reactor test
HS	hand switch
HS	hot shop
HSO	hydrogen seal oil
HSP	hot-shutdown panel
HSST	heavy section steel technology
HSW	heat sink welding
HSWH	high solid waste header
HTB	hafnium test blade
HTFFT	heat transfer fluid flow thermodynamics
HTGCR	high-temperature gas-cooled reactor
HTGR	high-temperature gas-cooled reactor
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
HTPC	Hayward Tyler Pump Company
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
HUT	holdup tank
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
HWC	hydrogen water chemistry
HWCTR	heavy-water components test reactor
HWGCR	heavy-water-moderated, gas-cooled reactor
HWH	hot water heating
HWLC	hotwell level control
HWLWCR	heavy-water-moderated, boiling light-water-cooled reactor
HWP	heavy-water plant
HWR	heavy-water reactor
HWR	hot water return
HWS	Hanford work specification
HWS	Hanford work standard
HX	heat exchange
HX	heat exchanger

# H

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HYPO

high-power water-boiler reactor

HZP

hot zero power

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IA	industry application
IA	insertion approval
IA	instrument air
I/A	isolation amplifier
IAA	interim access authorization
IAC	interim acceptance criterion/criteria
IAD	immediate action directive
IAE	instrumentation and electrical
IAEA	International Atomic Energy Agency
IAEC	Israel Atomic Energy Commission
IAG	incider analysis group
IAL	immediate action letter
IANEC	Inter-American Nuclear Energy Commission
IAP	independent assessment program
IAP	integrated action plan
IAP	Iowa Power
IAPMO	International Association of Plumbing and Mechanical Officials
IAR	irradiation-anneal-reirradiation
I/AS	instrument air system
IASCC	irradiation-assisted stress-corrosion cracking
IAT	information assessment team
IATI	integrated assessment team inspection
IAW	in accordance with
IB	inner bremsstrahlung
IBA	inner blanket assembly
IBA	intermediate break accident
IBEW	International Brotherhood of Electrical Workers
IBJ	Industrial Bank of Japan, Ltd.
IBJ	Instytut Badań Jadrowych (Poland)
IBM	International Business Machines Corp.
IBSHR	integral boiling and superheat reactor
IC	indicating controller
IC	Internuclear Co.

IC	isolation condenser
I&C	instrumentation and control
ICA	item control area
ICAP	International Code Assessment Program
ICAR	interface control action request
ICB	information collection budget
ICB	interface control board
ICBWR	improved cycle boiling-water reactor
ICC	inadequate core cooling
ICC	information collection coordinator
ICC	Interstate Commerce Commission
ICCGR	international cyclic crack growth rate
ICCU	interchannel comparison unit
ICCW	in-container chilled water
ICD	interface control diagram
ICD	interface control document
ICD	interface control drawing
ICE	implicit continuous-fluid Eulerian
ICES	integrated civil engineering system
ICI	ice condenser instrumentation
ICODS	Interagency Committee on Dam Safety
ICONS	Information Center on Nuclear Standards
ICP	inert carrier process
ICP	instrument calibration procedure
ICP	inventory control point
ICPP	Idaho Chemical Processing Plant
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	intercommunication system
ICS	iodine cleanup system
ICSA	in-core shim assembly
ICSD	ionization chamber smoke detector
ICV	independent construction verification

ID	inner diameter
ID	inside diameter
ID	inventory difference
IDA	intrusion detection alarm
IDAS	intermediate dose assessment system
IDCA	independent design and construction assessment
IDCOR	Industry Degraded-Core Rulemaking Program
IDCV	independent design and construction verification
IDEN	Instituto de Engenharia Nuclear (Brazil)
IDI	independent design inspection
IDI	integrated design inspection
IDLH	immediate danger to life and health
IDMS	isotope dilution mass spectrometry
IDNS	Illinois Department of Nuclear Safety
IDP	individual development plan
IDR	independent design review
IDR	inspection discrepancy report
IDR	interface data report
IDS	interim decay storage
IDS	intermediate decay storage
IDS	isotope detection system
IDT	integrated design team
IDV	independent design verification
IDVP	independent design verification program
IE	industrial electronics
IE	initiating event
IE	Inspection and Enforcement, Office of (NRC)
IE	irradiation effect
I&E	internally and externally
IEA	Instituto de Energia Atomica (Brazil)
IEA	International Energy Agency
IEAR	Instituto de Energia Atomica Reactor (Brazil)
IEB	IE (Office of Inspection and Enforcement) bulletin
IEC	International Electrotechnical Commission
IED	improvised explosive device
IEEE	Institute of Electrical and Electronics Engineers
IEG	items evaluation group

IELP	Iowa Electric Light & Power Co
IEM	interim examination and maintenance
IEMTF	interim examination and maintenance training facility
IEN	IE (Office of Inspection and Enforcement) notice
IEOTSG	integral economizer once-through steam generator
IES	Illumination Engineering Society
IES	Institute of Environmental Sciences
IES	irradiation effects simulation
IESB	iron-enriched synthetic basalt
iet	initial engine test
IFA	instrument fuel assembly
IFB	invitation for bids
IFBA	integral fuel burnable absorber
IFCA	instrumentation to follow the course of an accident
IFCF	integrated fuel cycle facility
IFCI	integrated fuel-coolant interaction
IFE	Institut for Energiteknikk (Norway)
IFI	inspector followup item
IFMIS	integrated financial management information system
IFPT	integrated fission product transport
IFR	integral fast reactor
IFTS	irradiated fuel transfer station
IFTS	irradiated fuel transfer system
IG	Inspector General
IGA	intergranular attack
IGLD	International Great Lakes Datum
IGRP	inert gas receiving and processing
IGR&P	inert gas receiving and processing
IGRPS	inert gas receiving and processing system
IGSCC	intergranular stress-corrosion cracking
IGT	instrument guide tube
IH	integrated head
IHSI	induction heating stress improvement
IHSI	induction heat stress improvement
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 Co.
IIP	Incident Investigation Program
IIP	in-core instrument penetration
IIRC	Incident Investigation Review Committee
IIS	integrated implementation schedule
IIT	Illinois Institute of Technology
IIT	incident investigation team
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
ILRT	integrated leak rate testing
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	instrumentation and measurement
IM	integrated master
IMA	independent management appraisal
IMAS	impurity monitoring and analysis system
IMC	incident management center
IMCO	Inter-Government Maritime Consultative Organization
IMECo	Indiana & Michigan Electric Company
IMP	instrument maintenance procedure
IMPR	Indiana & Michigan Power Co.
IMS	in-core monitoring system
IMS	ion mobility spectrometer
IN	information notice
INB	Internationale Natrium-Brutreaktor-Bau, G.m.b.H. (Germany)
INC	Idaho Nuclear Corporation
INCA	in-core analysis/analyses
INCA	inner neutron control assembly

INCB	International Nuclear Credit Bank
INCOT	in-core test
INDEX	integrated nuclear data exchange
INEC	Idaho Nuclear Energy Commission
INEL	Idaho National Engineering Laboratory
INER	Institute of Nuclear Energy Research (Taiwan)
INES	international nuclear event scale
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
INR	immediate notification report
INS	Immigration and Naturalization Service
INSAG	International Nuclear Safety Advisory Group
INSRP	Interagency Nuclear Safety Review Panel
INTERATOM	Internationale Atomreaktorbau, G.m.b.H. (Germany)
INTLO	International Nuclear Technology Liaison Office
INX	ion exchange
I/O	input/output
IOERS	integrated operating experience reporting system
IORV	inadvertently opened relief valve
IOSRV	inadvertent opening of a safety/relief valve
IP	inspection procedure
I&P	inerting and preheating
IPA	Intergovernmental Personnel Act
IPAC	International Participants Advisory Committee (Institute of Nuclear Power Operations)
IPB	illustrated parts breakdown
IPCEA	Insulated Power Cable Engineers Association
IPDD	initial project design description
IPE	individual plant examination
IPE	integrated plant evaluation
IPEEE	individual plant examination of externally initiated events
IPF	iodine protection factor
IPIRG	International Piping Integrity Research Group

IPL	initial program load
IPP	integrated plotting package
IPR	initial pressure regulator
IPRDS	in-plant reliability data system
IPRN	in-process rework notice
IPS	Indian Point Station
IPS	interim policy statement
IPS	investment protection subsystem
IPS	Iowa Public Service Company
IPS	iron pipe size
IPSAR	integrated plant safety assessment report
IPTS	integrated pressurized thermal shock
IPyC	inner pyrolytic carbon
IR	information request
IR	inspection report
IR	intermediate range
IRAC	Interdepartmental Radio Advisory Committee
IRACT	incident response action coordination team
IRAP	Interagency Radiological Assistance Plan
IRAP	Interagency Radiological Assistance Program
IRB	inside reactor building
IRB	Istituto Ricerche Breda, SpA (Italy)
IRC	incident response center
IRC	internal review committee
IRE	Institut National des Radioéléments (Belgium)
IREP	integrated reliability evaluation program
IREP	interim reliability evaluation program
IRFM	integral reactor flow model
IRG	Interagency Review Group
IRM	information resources management
IRM	Information Resources Management, Office of (NRC)
IRM	intermediate-range monitor
IRN	item removal notice
IRP	incident response plan
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
IRRAS	integrated reliability and risk analysis system
IRS	incident reporting system
IRS	inquiry and reporting system
IRS	Institut für Reaktorsicherheit der Technischen Überwachungs-Vereine, e.V. (Germany)
IRS	iodine removal system
IRSP	inside recirculation spray pump
IRTS	inspection report tracking system
IRVH	integrated reactor vessel head
IS	indicating switch
ISA	Instrument Society of America
ISA	integrated safety assessment
ISAF	isotopic source adjustable fissionometer
ISAM <sup>a</sup>	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	important-to-safety-criteria task
ISCT	inner seal collar tool
ISD	instructional system design
ISDF	intermediate sodium disposal facility
ISE	ion-selective electrode
ISEG	independent safety engineering group
ISER	integral systems experimental requirement
ISFSI	independent spent fuel storage installation
ISG	integrated scheduling group
ISGMP	integrated scheduling group manual procedure
ISI	inservice inspection
ISIS	integrated safeguards information system
ISITS	integrated safety issues tracking system
ISLH	inservice leak and hydrostatic
ISLOCA	interfacing-systems loss-of-coolant accident
ISMES	Istituto Sperimentale Modelli e Strutture (Italy)
ISNF	intermediate-energy standard neutron field

ISO	International Standardization Organization
ISO/DWG	isometric drawing
ISOO	Information Security Oversight Office
ISP	industrial security plan
ISR	intermediate sodium removal
IST	inservice test
IST	inservice testing
IST	integral simulation test
IST	integral systems test
IT	information theory
IT	instrument test
IT	instrument tree
I&T	inspection and test
ITAAC	inspection, test, analysis, and acceptance criterion/criteria
ITAL	Instituut voor Toepassing van Atoomenergie in de Landbouw (Netherlands)
IT&AP	inspection test and analysis plan
ITC	isothermal temperature coefficient
ITDP	improved thermal design procedure
ITF	interstitial transfer facility
ITFTRIA	instrument tree flow and temperature removal instrument assembly
ITI	inspection/test instruction
ITI	ion track instrument
ITIP	Industry Technical Information Program
ITM	in-core temperature monitor
ITMA	irradiation test management activity
ITMS	in-core temperature monitoring system
ITR	instrument test rig
ITRI	Industrial Technology Research Institute (Taiwan)
ITRIA	instrument tree removable instrument assembly
ITS	Idaho Test Station
ITS	important to safety
ITS	Information Technology Services
ITS	inventory tracking system
IT/SP	instrument test vessel piece
ITV	intermediate test vessel
IUPAC	International Union of Pure and Applied Chemistry

IUPAP	International Union of Pure and Applied Physics
IV	independent verification
IVHM	in-vessel handling machine
IVHM-EM	in-vessel handling machine—engineering model
IVHX	in-vessel heat exchanger
IVIC	Instituto Venezolano de Investigaciones Cientificas (Venezuela)
IVO	Imatran Voima Osekeyhtio (Finland)
IVP	integrated verification plan
IVS	in-vessel storage
IVSM	in-vessel storage module
IVTM	in-vessel transfer machine
IWF	industrial waste filter
IWF	industrial waste filtration
IWFS	industrial waste filter system
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

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JABE	John A. Blume and Associates, Engineers
JAEC	Japan Atomic Energy Commission
JAEIF	Japan Atomic Energy Insurance Pool
JAERI	Japan Atomic Energy Research Institute
JAERO	Japan Atomic Energy Relations Organization
JAF	James A. FitzPatrick Nuclear Power Plant
JAFNPP	James A. FitzPatrick Nuclear Power Plant
JAIF	Japan Atomic Industrial Forum
JAJ	J.A. Jones Co.
JANAP	joint Army-Navy-Air Force publication
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
JCP	Joint Committee on Printing
JCPL	Jersey Central Power & Light Co
JCP&L	Jersey Central Power & Light Co.
JEA	Jacksonville Electric Authority
JEEP	joint emergency evacuation plan
JEEP	joint establishment experimental pile
JEN	Junta de Energía Nuclear (Spain)
JET	joint European torus
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
JHEP	joint human error probability
JINR	Joint Institute for Nuclear Research
JIO	justification for interim operation
JPDR	Japan Power Demonstration Reactor
JPM	job performance measure



# J

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JRR	Japanese Research Reactor
JSW	Japan Steel Works, Ltd.
JTA	job task analysis/analyses
JTG	Joint Test Group
JUMA	Joint Utility Management Assessment Group
JURIS	justice retrieval and inquiry system

# K

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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. (Germany)
KBWP	Kernkraftwerk Baden-Wuerttemberg Planungsgesellschaft (Germany)
KE	Kaiser Engineers
KEEPS	Kodak Ektaprint Electronic Publishing System
KEMA	Tot Keuring van Elektrotechnische Materialen, N.V. (Netherlands)
KERMA	kinetic energy released in material
KEWA	Kernbrennstoff-Wiederaufarbeitungs-Gesellschaft, m.b.H. (Germany)
KEWB	kinetic experiment on water boilers
KFKI	Központi Fizikai Kutató Intézet (Hungary)
KGBS	krypton gas bottling station
KG&E	Kansas Gas & Electric
KKB	Kernkraftwerk Brunsbüttel, G.m.b.H. (Germany)
KKK	Kernkraftwerk Krummel, G.m.b.H. (Germany)
KKL	Kernkraftwerk Leibstadt, A.G. (Switzerland)
KKN	Kernkraftwerk Niederaichbach, G.m.b.H. (Germany)
KKP	Kernkraftwerk Phillipsburg, G.m.b.H. (Germany)
KNFDI	Korea Nuclear Fuel Development Institute
KNPP	Kewaunee Nuclear Power Plant
KNPS	Kuosheng Nuclear Power Station (Taiwan)
KNU	Korean Nuclear Unit
KRB	Kernkraftwerk Gundremmingen Betriebsgesellschaft (Germany)
KRB	Kernkraftwerk RWE-Bayernwerk, G.m.b.H. (Germany)
KRR	Kansai Research Reactor (Japan)
KSB	Klein, Schanzlin and Becker Aktiengesellschaft (Germany)
KSF	Karen Silkwood Fund
KSGE	Kansas Gas & Electric Co.
KSH	Kernenergie-Gesellschaft Schleswig-Holstein, m.b.H. (Germany)

# K

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KSTR	Kema Suspension Test Reactor (Netherlands)
KTG	Kerntechnische Gesellschaft im Deutschen Atomforum, e.V. (Germany)
KTS	Kerntechnische Sektion der Schweizerischen Vereinigung für Atomenergie (Switzerland)
KWG	Kernkraftwerk Graben, A.G. (Switzerland)
KWL	Kernkraftwerk Lingen, G.m.b.H. (Germany)
KWO	Kernkraftwerk Obrigheim, G.m.b.H. (Germany)
KWS	Kernkraftwerk Süd, G.m.b.H. (Germany)
KWU	Kraftwerk Union Aktiengesellschaft (Germany)



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LA	licensing assistant
LA	local alarm
LACBWR	LaCrosse Boiling Water Reactor
LACE	LWR (light-water reactor) aerosol containment experiment
LAFM	Los Alamos Fuel Model
LAMPRE	Los Alamos Molten Plutonium Reactor Experiment
LAN	local area network
LAND	League Against Nuclear Dangers
LANL	Los Alamos National Laboratory (formerly Los Alamos Scientific Laboratory)
LAPL	Louisiana Power & Light Co.
LAPPES	large power plant effluent study
LAPRE	Los Alamos Power Reactor Experiment
LAR	license amendment request
LAR	licensing action report
LAR	local automatic regulation
LASL	Los Alamos Scientific Laboratory
LAW	low-acid waste
LAWB	Los Alamos Water Boiler
LBB	leak before break
LBE	licensing-basis event
LBL	Lawrence Berkeley Laboratory
LBP	land-based plant
LBP	lumped burnable poison
LBPR	lumped burnable poison rod
LC	level controller
LC	local control
LC	locked closed
LCCC	large-component cleaning cell
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

# L

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LCR	log count rate
LCRE	lithium-cooled reactor experiment
LCRM	linear count rate meter
LCS	leakage collection system
LCS	leakage control system
LCS	level control system
LCS	loop control system
LCTI	large-component test installation
LCTL	large-component test loop
LCV	level control valve
LCV	local control valve
LCVIP	licensee contractor vendor inspection program
LD	letdown
LD	lethal dose
L/D	length to diameter
LDCC	large-diameter component cask
LDR	load definition report
L/DRS	level and density recorder switch
LDS	leak detection system
LDST	letdown storage tank
LE	left end
LE	limit of error
LEAC	levelized energy adjustment clause
LED	light-emitting diode
LEFM	linear elastic fracture mechanics
LEID	limit of error on inventory difference
LEL	large engineering loop
LEL	lower electrical limit
LEMUF	limit of error on material unaccounted for
LEO	lasers and electro-optics
LEP	local emergency protection
LER	licensee event report
LERO	local emergency response organization
LES	limited early site
LESR	limited early site review
LET	linear energy transfer
LEU	uranium hexafluoride to export uranium

LEU	low-enriched uranium
LFA	lead Federal agency
LFBR	liquid fluidized bed reactor
LFBR--CX	liquid fluidized bed reactor--critical experiment
LFDCP	local fire detection control panel
LFL	lower flammability limit
LFMS	license fee management staff
LGR	light-water-cooled, graphite-moderated reactor
LGS	Limerick Generating Station
LGS	lower group stop
LH	low head
LHGR	linear heat generation rate
LHM	loop-handling machine
LHR	linear heat rate
LHS	loop-handling system
LHSI	low-head safety injection
LHST	laundry and hot shower tank
LI	level indicator
LIC	level indicating controller
LIC	level indicator controller
LIC	loop insertion cell
LIFO	last in, first out
LILCO	Long Island Lighting Co.
LIM	ligament instability model
LIM	lower inlet module
LIMB	liquid metal breeder
LIMSW	limit switch
LIM SW	limit switch
LINAC	linear accelerator
LIRS	level indicator recording switch
LITR	low-intensity test reactor
LIWB	Livermore Water Boiler
LL	liquid limit
LLCS	low-level compaction station
LLD	low-level dose
LLEA	local law enforcement agency
LLFM	low-level flux monitor

# L

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LLLWT	low-level liquid waste tank
LLMPP	liquid level monitor port plug
LLNL	Lawrence Livermore National Laboratory
LLRT	local leak-rate test
LLRW	low-level radioactive waste
LLRWPA	Low-Level Radioactive Waste Policy Amendments Act
LLS	low-level solid
LLS	low-low set
LLSV	low-level storage vault
LLSWV	low-level solid-waste storage vault
LLT	liquid level transducer
LLTR	large-leak test rig
LLW	low-level radioactive waste
LLW	low-level waste
LLWBG	low-level-waste burial ground
LLWSV	low-level-waste storage vault
LM	labor management
LM	local manual
LMEC	Liquid Metal Engineering Center
LMFBR	liquid metal fast breeder reactor
LMFR	liquid metal fuel reactor
LMFRE	liquid metal fuel reactor experiment
LMHV	liquid metal heat exchanger
LMP	licensing milestone plan
LMR	liquid metal reactor
LMS	licensing management system
LMTD	logarithmic mean temperature difference
LNG	liquefied natural gas
LNG	liquid natural gas
LNGS	LaCrosse Nuclear Generating Station
LNS	liquid nitrogen system
LNS	London Nuclear Services
LNW	loss of normal water
LN <sub>2</sub>	liquid nitrogen
LO	lock open
LO	locked open
LO	lube oil



LOA	letter of agreement
LOA	line of assurance
LOBI	loop blowdown investigation
LOCA	loss-of-coolant accident
LOCE	loss-of-coolant experiment
LOCF	loss of coolant flow
LOCP	loss-of-coolant protection
LOCV	loss of condenser vacuum
LOF	loss of fusion
LOF	loss of feedwater
LOF	loss of flow
LOFA	loss-of-feedwater accident
LOFA	loss-of-flow accident
LOFC	loss of forced circulation
LOFC	loss of forced cooling
LOFT	loss-of-fluid test
LOFW	loss of feedwater
LOFWS	loss of flow without scram
LOHS	loss of heat sink
LOHSWS	loss of heat sink without scram
LOI	loss of ignition
LOMF	loss of main feedwater
LOMFW	loss of main feedwater
LOOP	loss of offsite power
LOP	loss of offsite power
LOP	loss of power
LOPAR	low parasitic fuel
LOPI	loss of pipe integrity
LOPO	low power
LOPRA	low-power reactor assembly
LOPS	loss-of-power start
LOR	lower oil reservoir
LORD	licensing online retrieval data
LORDS	licensing online retrieval data system
LOSP	loss of offsite power
LOSP	loss of station power
LOSP	loss of system pressure

# L

LOST	lube oil storage tank
LOU	letter of understanding
LOU	limited official use
LOVS	loss-of-voltage signal
LOVS	loss-of-voltage start
LP	liquid penetrant
LP	low pressure
LPC	loop preparation cask
LPCI	low-pressure coolant injection
LPCI	low-pressure core 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	liquefied petroleum gas
LPG	liquid petroleum gas
LPG	low-pressure gas
LPGS	Liquid Pathway Generic Study
LPHSW	last pass heat sink welding
LPI	low-power injection
LPI	low-pressure injection
LPIS	low-pressure injection system
LP&L	Louisiana Power & 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
LPSP	low-power set point

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
LRB	licensing review basis/bases
LRC	level recorder controller
LRC	Lewis Research Center
LRC	local recovery center
LRED	licensing reportable event determination
LRG	license review group
LRG	licensing review group
LRIA	level removable instrument assembly
LRL	Lawrence Radiation Laboratory
LRM	lead reactor manufacturer
LRM	logarithmic radiation monitor
LRP	large rotating plug
LRPE	licensee regulatory performance evaluation
LRRP	long-range research plan
LRS	level recording switch
LRS	liquid radwaste system
LRTS	liquid radwaste treatment system
LRVOS	liner recombiner and vacuum outgassing system
LRX	large reactor critical experiment
LS	level switch
LS	lighting system
LS	locked shut
LSA	low specific activity
LSB	last-stage blade
LSCS	LaSalle County Station
LSDF	large sodium disposal facility
LSDP	Lake Superior District Power Co.
LSFT	logic system functional test

# L

LSI	licensed supervising instructor
LSNM	low strategic significance special nuclear material
LSP	level set point
LSP	lower sequential permissive
LSR	Lynchburg Source Reactor
LSRO	limited senior reactor operator
LSS	Licensing Support System
LSSA	Licensing Support System Administrator, Office of (NRC)
LSSARP	Licensing Support System Advisory Review Panel
LSSP	latest scram set point
LSSS	limiting safety system set point
LSSS	limiting safety system setting
LSTF	large-scale test facility
LT	level transmitter
LTA	lead test assembly
LTA	low-temperature adsorber
LTBT	Limited Test Ban Treaty
LTC	linear translation case
LTC	load tap changer
LTD	letdown
LTL	lot truck load
LTM	long-term maintenance
LTM	low-trajectory missile
LTMD	less than minimum detectable
LTNGP	low-temperature noble gas process
LTOP	low-temperature overpressure protection
LTP	long-term program
LTR	lattice test reactor
LTR	licensing technical review
LTR	Lockheed Training Reactor
LYSF	lid tank shielding facility
LTSP	long-term seismic program
LTV	large test vessel
LWAS	lowest unit with age significance
LUXATOM	Syndicat Luxembourgeois pour l'Industrie Nucléaire (Luxembourg)
LV	leaky valve
LVDT	linear variable differential transformer

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LVDT	linear variable displacement transducer
LVDT	linear voltage differential transformer
LWA	limited work authorization
LWBR	light-water breeder reactor
LWCHW	light-water-cooled, heavy-water-moderated reactor
LWMS	liquid waste management system
LWOP	leave without pay
LWP	liquid waste processing
LWPS	liquid waste processing system
LWR	light-water reactor
LWTS	laundry waste treatment system

# M

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M/A	manual or automatic
MAA	material access area
MAAC	Mid-Atlantic Area Council
MAAP	material access authorization program
MAC	maintenance action card
MAC	management advisory committee
MAC	Management Analysis Co.
MAC	material accounting
MACCT	multiple assembly cooling cask test
MAD	maintenance assembly-disassembly
MAELU	Mutual Atomic Energy Liability Underwriters
MAG	magnetics
MAI	miscellaneous actuation instrumentation
MAIN	Mid-American Interpool Network
MAIT	matrix analysis of insider threat
MAM	management and administration manual
MAF	Maschinenfabrik Augsburg-Nürnberg, A.G. (Germany)
MAO	maintenance action plan
MAP	maintenance assessment package
MAP	methodology assessment program
MAPI	Mitsubishi Atomic Power Industries, Inc. (Japan)
MAPLHGR	maximum average planar linear heat-generation rate
MAPLHGR	maximum average planar linear heat-generation ratio
MAR	maintenance action request
MARAD	Maritime Administration
MARCA	Mid-Continent Area Reliability Coordination Agreement
MARCH	meltdown accident response characteristic
MASE	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

# M

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MBP	monobutyl phosphate
MBR	material balance report
MC	main circulator
MC	main condenser
MC	major component
MC	manual chapter
MC	metal clad
MC	Mitsubishi Corporation
MCA	material control and accountability
MCA	maximum credible accident
MCA	multichannel analyzer
MC&A	material control and accounting
MCB	main control board
MCC	Materials Characterization Center
MCC	motor control center
MCC	movement control center
MCCB	molded-case circuit breaker
MCES	main condenser evacuation system
MCET	materials, chemical, and environmental technology
MCHFR	minimum critical heat flux rate
MCHFR	minimum critical heat flux ratio
MCI	managed cost improvement
MCIG	miscellaneous control and instrumentation group
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
MCR	main control room
MCR	material certification report
MCREC	main control room environmental control
MCRH	main control room habitability
MCRHS	main control room habitability system
MCS	main circulator subsystem
MCS	master control station
MCSS	metallic core support structure



MCV	movable closure valve
MD	management directive
MD	measured discard
MDA	minimum detectable activity
MDAFWP	motor-driven auxiliary feedwater pump
MDB	master database
MDC	maximum dependable capacity
MDC	moderator density coefficient
MDCT	mechanical draft cooling tower
MDEFWP	motor-driven emergency feedwater pump
MDF	mechanical design flow
MDHR	mini-decay heat removal
MDL	minimum detectable limit
MDM	metal disintegration machining
MDM	modified diffusion method
MDNBR	minimum departure from nucleate boiling ratio
MDP	master decommissioning plan
MDS	megawatt demand setter
MDU	motion detection unit
ME	maintenance effectiveness
M&E	material and equipment
MEA	Materials Engineering Associates
MEAG	Metropolitan Electric Authority of Georgia
MECAS	multienergy californium assay system
MEED	Metropolitan Edison Co.
MEF	median energy of fission
MEFV	maintenance equipment floor valve
MEGAS	multienergy gamma assay system
MEI	maintenance effectiveness indicator
MEL	master equipment list
MEL	Mitsubishi Electric Corp. (Japan)
MELB	moderate-energy line break
MELC	moderate-energy line crack
MEOD	maximum extended operating domain
MEQ	mechanical equipment qualification
MERITS	methodically engineered, restructured, and improved technical specifications

# M

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MERLIN	Medium-Energy, Light-Water-Moderated, Industrial Nuclear Reactor (United Kingdom)
MES	maintenance engineering services
MESA	multielement skew angle
MESF	minimum engineered safety feature
MESL	maximum emergency service load
METAFRAM	Métallurgie Française des Poudres, S.A. (France)
MEWS	Mixed Energy Waste Study
MF	round facility
MFC	master flow controller
MFCI	molten fuel coolant interaction
MFCS	main feedwater control system
MFI	minimum flow interlock
MFIS	main feedwater isolation signal
MFIV	main feedwater isolation valve
MFL	main feedwater line
MFL	master fuse list
MFLPD	maximum fraction of limiting power density
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
MFFV	main feedwater regulation valve
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
MFW	main feedwater
MFWCS	main feedwater and condensate system
MFWLB	main feedwater line break
MFWV	main feedwater valve
MG	manual group
M <sub>3</sub>	motor generator
M/G	motor generator

M-G	motor generator
MGCR	maritime gas-cooled reactor
MGCR-CX	maritime gas-cooled reactor—critical experiment
MGEC	Madison Gas & Electric Co.
MGVC	manual governing valve control
MHA	maximum hypothetical accident
MH-1A	Mobile High Power Plant No. 1A
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
MHP	material handling procedure
MHTGR	modular high-temperature gas-cooled reactor
MHTS	main heat transport system
MI	manual individual
MI	mineral insulated
MIBK	methyl isobutyl ketone
MIC	microbiologically induced corrosion
MIC	microbiologically influenced corrosion
MICDS	movable in-core detector system
MIDAS	meteorological information and dose acquisition system
MIDAS	meteorological information and dose assessment system
MIDS	movable instrument drive system
MIL	material identification list
MIL	material identification log
MIMS	metal impact monitoring system
MINET	momentum integral network
MIP	maintenance improvement program
MIP	master inspection plan
MIPS	master inspection planning system
MIS	maintenance information system
MIS	management information system
MIST	maximum isothermal system temperature
MIST	minor isotopes safeguards technique
MIST	multiloop integral system test

# M

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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	mean low-water datum/data
MLD	median lethal dose
MLHGR	maximum linear heat generation rate
MLHGR	maximum linear heat generation ratio
MLO	main lube oil
MLS	Medilab Select (Belgium)
MLSV	main loop shutoff valve
MLW	mean low water
MLWMS	miscellaneous liquid waste management system
MM	mechanical maintenance
MM	modified Mercalli
MME	Mercantile Marine Engineering and Graving Docks Co., N.V. (Belgium)
MMG	motor-motor generator
MMi	man-machine interface
MMI	modified Mercalli intensity
MMP	maintenance manual procedure
MMFA	Magnetic Material Producers Association
MMSA	man-machine systems analysis/analyses
MMWEC	Massachusetts Municipal Wholesale Electric Co.
MNCR	material nonconformance report
MNGP	Monticello Nuclear Generating Plant
MNP	maximum negative pressure
MNPS	Millstone Nuclear Power Station
MNS	McGuire Nuclear Station
MO	mixed oxide
MO	modulate open
MO	motor operator
MOA	memorandum/memoranda of agreement
MOC	middle of cycle
MOC	minimum operable channel

MOD	motor-operated disconnect
MONAL	mobile nondestructive assay laboratory
MOP	maintenance outline procedure
MOR	monthly operating report
MORT	management oversight risk tree
MOTA	materials open test assembly
MOU	memorandum/memoranda of understanding
MOV	motor-operated valve
MOVATS	motor-operated valve analysis and test system
MOX	mixed oxide
MOXF	mixed-oxide fuel
MP	magnetic particle
MP	maintenance procedure
MP	Midland Plant
MPA	multiplant action
MPA	multiplant activity
MPAI	maximum permissible annual intake
MPBB	maximum permissible body burden
MPC	maximum permissible concentration
MPC	Metals Properties Council
MPC	Montana Power Co.
MPCA	maximum permissible concentration in air
MPCW	maximum permissible concentration in water
MPD	maximum permissible dose
MPE	maximum permissible exposure
MPL	master parts list
MPL	maximum permissible level
MPL	mechanical properties loop
MP&L	Mississippi Power & Light Co.
MPO	manufacturing production order
MPP	maximum positive pressure
M&PP	materials and plant protection
MPR	mechanical pressure regulator
MPRE	medium-power reactor experiment
MPRT	multipurpose rail transport
MPS	manpower system
mps	meter per second

# M

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MPS	monitoring and protection system
MPS	multipurpose sampler
MPSC	Maine Public Service Co
MPT	magnetic particle testing
MPT	minimum pressurization temperature
MPX	multiplexer
MQE	materials and qualifications engineering
MQE	mechanical quality engineering
MQS	motion to quash subpoena
MR	material requisition
MRBT	multirod burst test
MRC	Medical Research Council (United Kingdom)
MR'	material receiving instruction
MRMU	mobile radiological measuring unit
MRO	medical review officer
MRP	modification/rework package
MRR	material receiving report
MRR	medical research reactor
MRS	manipulator repair shop
MRS	manufacturer's record sheet
MRS	monitored retrievable storage
MRSS	main and reheat steam system
MS	main steam
MS	manual sequential
MS	margin of safety
MS	milestone
M/S	maintenance/surveillance
MSA	management self-assessment
MSA	material surveillance assembly
MSA	mechanical signature analysis/analyses
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
MSHA	Mine Safety and Health Administration
MSICV	main steam isolation check valve
MSIS	main steam isolation signal
MSIV	main steam isolation valve
MSIVLCS	main steamline isolation valve leakage control system
MSL	main steamline
MSL	maximum still-water level
MSL	mean sea level
MSLA	main steamline accident
MSLB	main steamline break
MSLD	mass spectrometer leak detector
MSLI	main steamline isolation
MSLIVSS	main steamline isolation valve sealing system
MSLRDS	main steamline rupture detection system
MSM	master/slave manipulator
MSM	modified source multiplication
MSNM	special nuclear material of moderate strategic significance
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	management systems section
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
MSSS	main steam support structure
MSSV	main steam safety valve
MSV	mean square voltage



# M

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MS&W	maintenance shop and warehouse
MT	magnetic particle test
MT	magnetic particle testing
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
MT/G	main turbine generator
MTI	maintenance team inspection
MTI	mandatory team inspection
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
MTT	microwave theory and techniques
MTTR	mean time to repair
MTU	metric ton of uranium
MTU	metric ton unit
MTU	module test unit
MU	makeup
M'JF	material unaccounted for
MU&P	makeup and purification
MUR	management update and retrieval
MUR	mockup reactor
MUSE	Musicians United for Safe Energy
MUT	makeup tank
MUX	multiplexer
MVP	mechanical vacuum pump
MVS	multiple virtual storage

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MVT	multiprogramming with a variable number of tasks
MWDC	multiple weld data card
MWe	megawatt electric
MWHT	miscellaneous waste holdup tank
MWO	maintenance work order
MWS	makeup water system
MWST	makeup water storage tank
MWST	miscellaneous waste storage tank
MWt	megawatt thermal
MYAP	Maine Yankee Atomic Power Co.
MYAPS	Maine Yankee Atomic Power Station
MZFR	Mehrzweck Forschungsreaktor (Germany)

NA	not applicable
NA	not available
N/A	not applicable
NAA	neutron activation analysis/analyses
NAB	nuclear assembly building
NAC	national agency check
NAC	Nuclear Assurance Corporation
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)
NAN	Nuclear Awareness Network
NAPCA	National Air Pollution Control Administration
NAPS	North Anna Power Station
NAPSIC	North American Power Systems Interconnection Committee
NAPUS	nuclear auxiliary power unit system
NARA	National Archives and Records Administration
NAR/DCom	Natick Research and Development Command
NARM	naturally occurring and accelerator-produced radioactive material
NARUC	National Association of Regulatory Utility Commissioners
NAS	National Academy of Sciences
NAS	nonreactor assessment staff
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
N <sub>b</sub>	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 (now National Institute of Standards and Technology)

# N

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NBSR	National Bureau of Standards Reactor
NC	neutron controller
NC	normally closed
NC	nuclear construction
NCA	neutron control assembly
NCAI	National Congress of American Indians
NCBR	near-commercial breeder reactor
NCF	no containment failure
NCP	network control program
NCR	nonconformance report
NCR	nonconforming condition report
NCR	notification-of-change report
NCRERP	North Carolina Radiation Emergency Response Plan
NCRPM	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
NCSL	National Conference of State Legislatures
NCSS	neutron control subsystem
NCSUR	North Carolina State University Reactor
NCVP	natural circulation verification program
ND	negative declaration
ND	normally deenergized
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
NDRC	National Defense Research Committee
NDT	nil ductility temperature
NDT	nil ductility transition
NDT	nondestructive testing
NDTT	nil ductility transition temperature

NE	normally energized
NE	nuclear engineering
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
NEDS	nuclear employee data system
NEES	New England Electric System
NEGEA	New England Gas and Electric Association
NEIL	Nuclear Electric Insurance Limited
NELIA	Nuclear Energy Liability Insurance Association
NELPIA	Nuclear Energy Liability Property Insurance Association
NEMA	National Electrical Manufacturers Association
NENE	Northeast Nuclear Energy Co.
NEO	nuclear engineering and operations
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
NERP	nuclear experience review program
NERV	nuclear emulsion recovery vehicle
NERVA	nuclear engine for rocket vehicle application
NESC	National Electric Safety Code
NESC	Nuclear Energy Software Center
NESCWS	nonessential services chilled water system
NESDIP	Nestor Shielding and Dosimetry Improvement Program
NESF	normal engineered safety feature
NESP	National Environmental Studies Project

# N

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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 Workers
NEWSTAR	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 Co.
NFSA	new fuel storage area
NG	nitroglycerin
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
NHY	New Hampshire Yankee
NI	never incorporated
NI	nuclear instrument
NI	nuclear instrumentation
NI	nuclear island
NIAC	Nuclear Insurance Association of Canada
NIC	Nuclear Industry Check Valve Group
NIC	Nuclear Industry Consortium (Belgium)
NICWB	nuclear island cooling water building
NIDA	National Institute on Drug Abuse
NIH	National Institutes of Health (U.S. Public Health Service)
NII	Nuclear Installations Inspectorate (United Kingdom)
NIM	nuclear instrument module
NIMo	Niagara Mohawk Power Corp.
NIOBE	numerical integration of the Boltzmann equation



NIOSH	National Institute for Occupational Safety and Health (U.S. Public Health Service)
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
NIRL	negligible individual risk level
NIRMA	Nuclear Information and Records Management Association
NIRNS	National Institute for Research in Nuclear Science (United Kingdom)
NIRS	National Institute of Radiological Sciences (Japan)
NIRS	Nuclear Information and Resource Service
NIS	Nevada Inspection Service
NIS	nuclear instrumentation system
NISCO	Nuclear Inspection Services Company
NIST	National Institute of Standards and Technology (formerly National Bureau of Standards)
NJBPU	New Jersey Board of Public Utilities
NJOAL	New Jersey Office of Administrative Law
NLI	National Lead Industries
NMAC	Nuclear Maintenance Assistance Center (Electric Power Research Institute)
NMCC	Nuclear Material Control Center (Japan)
NMDB	nuclear maintenance database
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
NMRG	Nuclear Managers Review Group
NMS	national measurement system
NMS	neutron monitoring system
NMSS	Nuclear Material Safety and Safeguards, Office of (NRC)
NMST	new materials system test
NN	nearest neighbor
NN	nearest neighboring



# N

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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	nonnuclear instrumentation
NNIS	nonnuclear instrumentation system
NNPA	Nuclear Non-Proliferation Act
NNPS	Norco Nuclear Power Station
NNS	nonnuclear safety
NNSDD	Newport News Shipbuilding and Dry Dock Company
NNWSI	Nevada Nuclear Waste Storage Investigation
NO	normally open
NOAA	National Oceanic and Atmospheric Administration
NOAC	Nuclear Operations Analysis Center
NOI	notice of indication
NOL	Naval Ordnance Laboratory
NOL	normal operating loss
NOP	normal operating procedure
NORCUS	Northwest College and University Association for Science
NORM	naturally occurring radioactive material
NOS	not otherwise specified
NOUE	notification of unusual event
NOV	notice of violation
NOWUS	normal operation with unscram
NP	negative pressure
NP	nuclear power
NPA	nuclear plant analyzer
NPAR	nuclear plant aging research
NPC	Nuclear Power Co.
NPCA	National Paint and Color Association
NPCC	Northeast Power Coordinating Council
NPD	national policy debate
NPD	Nuclear Power Demonstration (Canada)
NPDB	nuclear plant data bank
NPDES	National Pollutant Discharge Elimination System
NPE	nuclear plant engineering

NPE	nuclear power experience
NPEC	Nuclear Power Engineering Committee
NPEP	Nuclear Plant Equipment Procurement Working Group
NPF	nuclear power facility
NPG	Nuclear Power Group, The (United Kingdom)
NPGS	nuclear power generating station
NPIS	nuclear plant island structure
NPO	nuclear plant operator
NPP	nuclear power plant
NPPD	Nebraska Public Power District
NPR	new production reactor
NPR	nonpower reactor
NPRCG	Nuclear Public Relations Contact Group (Italy)
NPRDS	nuclear plant reliability data system
NPRF	Northrop Pulse Radiation Facility
NPS	nominal pipe size
NPS	Nuclear Power Service (Westinghouse)
NPS	numerical plotting system
NPSH	net positive suction head
NPSI	Nuclear Power Service Incorporated
NPSRA	Nuclear-Powered Ship Research Association (Japan)
NPSRS	nuclear power safety reporting system
NPT	national pipe thread
NPT	Nonproliferation Treaty
NPTF	nuclear proof test facility
NQAA	Nuclear Quality Assurance Agency
NQAM	nuclear quality assurance manual
NQAP	nuclear quality assurance plan
NR	narrow resonance
NR	nonconformance report
NRAP	naturally radioactive product
NRB	nonconformance review board
NRC	National Research Council
NRC	Nuclear Regulatory Commission
NRDC	National Resources Defense Council
NRDS	Nuclear Rocket Development Station
NRE	nuclear research emulsion

# N

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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)
NRPB	National Radiological Protection Board
NRR	Naval Research Reactor
NRR	Nuclear Reactor Regulation, Office of (NRC)
NRRO	nuclear radiation-resistant oil
NRT	national response team
NRTS	National Reactor Test Station
NRU	National Reactor Universal
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	Nuclear Safety Agency
NSA	Nuclear Science Abstracts
NSA	Nuclear Systems Associates
NSAC	Nuclear Safety Analysis Center
NSC	National Security Council
NSC	net-section collapse
NSC	net-suction collapse
NSCR	Nuclear Science Center Reactor
NSCW	nuclear service cooling water
NSDM	national security decision memorandum/memoranda
NSF	National Sanitation Foundation
NSF	National Science Foundation
NSF	Nuclear Science Foundation
NSFP	nonsodium fire protection
NSHC	no-significant-hazards consideration
NSI	national security information
NSIC	Nuclear Safety Information Center

NSMH	Nuclear Systems Material Handbook
NSO	nuclear station operator
NSOA	nuclear safety operational analysis/analyses
NSP	Northern States Power Co.
NSPP	nuclear safety pilot plant
NSPS	nuclear safety protection system
NSQAC	Nuclear Supplier Quality Assurance Committee
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
NSRS	nuclear safety review staff
NSS	nuclear steam system
NSSM	national security study memorandum/memoranda
NSSS	nuclear steam supply system
NSSS	nuclear steam system supplier
NSSSS	nuclear steam supply shutoff system
NSTF	Nuclear Science and Technology Facility
NSW	nuclear service water
NSWS	nuclear service water system
NT	neutron transmitter
NTCP	near-term construction permit
NTE	not to exceed
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
NTR	nuclear testing reactor
NTS	Nevada Test Site
NTSB	National Transportation Safety Board
NUBARG	Nuclear Utility Backfitting and Reform Group
NUCLENOR	Centrales Nucleares del Norte, S.A. (Spain)
NUCLIT	Nucleare Italiana (Italy)

# N

NUCPR	nuclear procedure requirement
NUDE	nuclear data evaluation
NUDOCS	Nuclear Documents System
NUDOCS/AD	Nuclear Documents System/Advanced Design
NUFCOR	Nuclear Fuels Corp. of South Africa
NUGSBO	Nuclear Utility Group on Station Blackout
NUMARC	Nuclear Management and Resources Council
NUMEC	Nuclear Materials and Equipment Corp.
NUMS	nuclear materials security
NUPEC	Nuclear Power Engineering Test Center
NUPIC	Nuclear Procurement Issues Council
NUPLEX	Nuclear Utility Plant Life Extension Steering Committee
NURE	national uranium resource evaluation
NUREG	NRC technical report designation
NUREG/BR	NUREG brochure
NUREG/CP	NUREG conference proceedings
NUREG/CR	NUREG contractor report
NUREG/GR	NUREG grantee report
NUREG/IA	NUREG international agreement report
NUS	Nuclear Utilities Service
NUSCO	Northeast Utilities Service Company
NUSS	nuclear safety standard (International Atomic Energy Agency)
NUJAC	Nuclear Utility Task Action Committee
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 Service
NWTRB	Nuclear Waste Technical Review Board
NYD	New York mean tide data
NYGAS	New York Gas Group
NYPA	New York Power Authority
NYPIRG	New York Public Interest Research Group
NYSADA	New York State Atomic and Space Development Authority

NYSEG  
NYSERDA

New York State Electric and Gas Corp.  
New York State Energy Research and Development Authority





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OA	oil to air
OA	operating authorization
OAB	Országos Atomenergia John Urban: Bizottság (Hungary)
OAC	office allegation coordinator
OAD	operational availability date
OAI	outside air intake
OAR	operational assessment and readiness
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	Office of the Controller (NRC)
OC	operating curve
OC	operations center
OCA	overcooling accident
OCAA	Office of Commission Appellate Adjudication (NRC)
OCB	oil collection basin
OCB	oil-operated circuit breaker
OCDE	Organisation de Coopération et de Développement Économiques (France)
OCDRE	Organic-Cooled Deuterium Reactor Experiment (Canada)
OCI	oxide control and indication
OCLC	Online Computer Library Center, Inc.
OCM	Office of the Commission (NRC)
OCNPP	Oyster Creek Nuclear Power Plant
OCR	operational control record
OCRE	Ohio Citizens for Responsible Energy
OCRWM	Office of Civilian Radioactive Waste Management
OD	outside diameter
ODCM	offsite dose calculation manual
ODCWT	outer-diameter creeping wave technique
OE	oceanic engineering
OE	Office of Enforcement (NRC)



# O

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OE	operating engineer
OE	operating experience
OEC	Ohio Edison Co.
OECD	Organization for Economic Cooperation and Development
OEM	original equipment manufacturer
OER	operating event report
OERTS	operational events report tracking system
OFA	optimized fuel assembly
OFZS	Österreichisches Forschungszentrum Siebersdorf, G.m.b.H. (Austria)
OG	off-gas
OG	owners group
OGC	Office of the General Counsel (NRC)
OGE	Office of Government Ethics
OGI	off-gas isolation
OGR	ORNL (Oak Ridge National Laboratory) Graphite Reactor
OGS	off-gas system
OGST	overthread guide sleeve tool
OGTB	off-gas treatment building
OH	Ontario Hydro (Canada)
OTHER	Office of Health and Environmental Research (U.S. Department of Energy)
OHLH	overhead heavy-load handling
OHRS	overflow heat removal system
OHST	overhead storage tank
OHTCS	outer head temperature control system
OI	Office of Investigations (NRC)
OI	operating instruction
OI	optical isolator
OI	outstanding item
OIC	online instrument and control
OIG	Office of the Inspector General (NRC)
OIP	operating internal pressure
OJT	on-the-job training
OL	operating license
OL	operator license
OLIP	online instrument package

OLMCPR	operating limit maximum critical power ratio
OLTS	operator licensing tracking system
OM	operations manager
OM	oxide melt
O/M	oxygen to metal
O&M	operation and maintenance
OMB	Office of Management and Budget
OMCA	organic-moderated critical assembly
OMM	operation and maintenance manual
DMR	organic-moderated reactor
O&MR	operation and maintenance report
O&MR	operations and maintenance reminder
OMRCA	organic-moderated reactor critical assembly
OMRE	organic-moderated reactor experiment
OMRR	Ordnance Material Research Reactor
ONCA	outer neutron control assembly
ONS	Oconee Nuclear Station
OOS	out of sequence
OOS	out of service
OOSC	onsite operations support center
OOSS	operations officer support system
OP	Office of Personnel (NRC)
OP	oxygen pressure
OPA	operational performance assessment
OPCTR	Operations Center
OPDRV	operation with a potential for draining the reactor vessel
OPEC	Organization of Petroleum Exporting Countries
OPEN	Organisation des Producteurs d'Energie 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
OPyC	outer pyrolytic carbon
OQA	operations quality assurance
OQAP	operational quality assurance plan
OR	operating reactor
ORA	orifice rod assembly
ORAT	operational readiness assessment team
ORAU	Oak Ridge Associated Universities
ORB	outside reactor building
ORC	online reactivity computer
ORC	operational review committee
ORC	operations review committee
ORE	occupational radiation exposure
ORFM	outlet region feature model
ORGDP	Oak Ridge Gaseous Diffusion Plant
ORIC	Oak Ridge Isochronous Cyclotron
ORLA	operating reactor licensing action
ORNL	Oak Ridge National Laboratory
ORO	offsite response organization
ORR	operational readiness review
ORRR	Oak Ridge Research Reactor
ORSORT	Oak Ridge School of Reactor Technology
ORU	Orange and Rockland Utilities, Inc.
OS	operating system
OSART	operational safety assessment review team
OSC	operational support center
OSG	operations support group
OSHA	Occupational Safety and Health Act
OSHA	Occupational Safety and Health Administration (U.S. Department of Labor)
OSP	operational surveillance program
OSS	operational storage site
OST	Office of Science and Technology
OSTI	operational safety team inspection
OSTR	Oregon State University TRIGA Reactor

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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
OTM	overspeed trip mechanism
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

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PA	personnel area
PA	pressure alarm
PA	Privacy Act
PA	protected area
PA	public address
PA	purge alarm
PAA	primary auxiliary area
PAB	preliminary as built
PAB	primary auxiliary building
PABX	private automatic branch exchange
PAC	Pilgrim Area Collaborative
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 guideline
PAHL	pressure alarm, high limit
PAHR	postaccident heat removal
PAIC	public address intercommunications system
PAIP	public affairs and information program
PAL	permissive action link
PAL	personnel airlock
PAL	programmer assistance and liaison
PAL	prototype application loop
PAM	postaccident monitoring
PAMI	postaccident monitoring instrumentation
PAMS	postaccident monitoring system

# P

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PANE	People Against Nuclear Energy
PANL	plant annunciators list
PAO	public affairs officer
PAP	plant administrative procedure
PAP	power ascension program
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	protective action recommendation
PAR	procuring approval request
PARD	postaccident radioactivity depletion
PARR	Pakistan Atomic Research Reactor
PARR	postaccident radioactivity removal
PARV	power-activated relief valve
PAS	Privacy Act statement
PAS	probabilistic analysis staff
PASNY	Power Authority of the State of New York
PASS	postaccident sampling system
PAT	performance appraisal team
PAT	plutonium air transportable
PAT	preplaced aggregate technique
PATP	power ascension testing program
PATP	power ascension test program
PATRAM	packaging and transportation of radioactive material
PAX	private automatic exchange
PB	pipe break
PB	proportional band
PBAPS	Peach Bottom Atomic Power Station
PBE	prompt burst excursion
PBE	prompt burst experiment
PBF	power burst facility
PBI	performance-based instruction
PBNP	Point Beach Nuclear Plant
PBR	pebble bed reactor
PBR	Plum Brook Reactor



PBRE	pebble bed reactor experiment
PBRF	Plum Brook Reactor Facility
PCS	pressure boundary subsystem
PBS	project breakdown structure
PBTf	pump bearing test facility
PBX	private branch exchange
PC	personal computer
PC	plant computer
PC	polar crane
PC	pressure controller
PC	process computer
PC	professional communication
PC	protective coating
PCA	pool critical assembly
PCA	primary control assembly
PCA	primary coolant activity
PCAM	punched card accounting machine
PCAS	primary central alarm station
PCB	power circuit breaker
PCB	printed circuit board
PC&BS	project controls and budget services
PCC	plutonium concentrator concentrate
PCC	primary component cooling
PCC	process chemistry cell
PCCGC	primary containment combustible gas control
PCCV	precracked Charpy V-notch
PCD	plutonium concentrator distillate
PCD	power control device
PCDC	plutonium canister decontamination cell
PCDIS	plant control, data, and instrumentation system
PCETF	power conversion equipment test facility
PCHRS	passive containment heat removal system
PCHRS	primary containment hydrogen recombiner system
PCI	pellet cladding interaction
PCI	Prestressed Concrete Institute
PCI	primary containment isolation
PCIE	President's Council on Integrity and Efficiency



# P

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PCIL	plant computer input list
PCIOMR	preconditioning interim operating management recommendation
PCIS	primary containment isolation system
PCIV	primary containment isolation valve
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 cycling 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
PCPV	primary containment purge valve
PCR	plant change request
PCR	procedure change request
PCR	protective coating report
PCRB	personnel and control room building
PCRDL	primary control rod drive line
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	pressure control system
PCS	primary coolant system
PCS	process computer system
PCS	process control sheet
PCSG	Pipe Crack Study Group
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
PD	project director
PD	pump discharge
PDA	predocketed application
PDA	preliminary design acceptance
PDA	preliminary design approval
PDA	preliminary design assessment
PDA	preliminary design authorization
PDAS	plant data acquisition system
PDB	plant damage bin
PDC	predocketed construction
PDC	preliminary design criterion/criteria
PDC	principal design criterion/criteria
PDCO	plant design control office
PDD	projected decision date
PDD	prospective decision date
PDES	preliminary draft environmental statement
PDF	plant design factor
PDF	probability density function
PDF	project design flood
PDH&DS	plant data handling and display system
PDHS	plutonium decontamination and hot shop
PDIL	power-dependent insertion limit
PDL	power distribution limit
PDMS	postdefueling monitored storage
PDP	positive displacement 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

# P

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PDS	plant data system
PDS	power distribution system
PDS	predocketed special
PDS	project decision schedule
PDS	project descriptive summary
PE	power engineering
PE	project engineer
PEAP	procurement engineering assessment plan
PECO	Philadelphia Electric Co.
PEDS	protective equipment decontamination section
PEF	potential enforcement finding
PEIS	programmatic environmental impact statement
PEL	power electronics
PEMA	Pennsylvania Emergency Management Agency
PENELEC	Pennsylvania Electric Company
PEO	patrol emergency officer
PEO	plant equipment operator
PEP	performance enhancement program
PEPCO	Potomac Electric Power Co.
PEPR	precision encoder and pattern recognition
PER	procurement evaluation request
PERMS	process and effluent radiological monitoring system
PERMSS	process and effluent radiological monitoring and sampling system
PERT	program evaluation and review technique
PERT	program evaluation report technique
PET	performance evaluation team
PET	permanent equipment transfer
PETA	plutonium equipment transfer area
PETN	pentaerythritol tetranitrate
PETS	procedure for evaluating technical specifications
PETTE	post-emergency tabletop exercise
PEWS	plutonium equipment warm shop
PF	partition factor
PF	prefilter
PF	Progressive Foundation
PF	proposed finding

PF	protection factor
PF	purge fan
PFCS	primary flow control system
PFD	process flow diagram
PF DAS	plant fire detection and alarm system
PFE	plenum fill experiment
PFES	proposed final environmental statement
PFG	paper flow group
PFG	pipng and filter gallery
PFPCDS	plant fire protection carbon dioxide subsystem
PFPHS	plant fire protection Halon subsystem
PFPS	plant fire protection system
PF PWS	plant fire protection water subsystem
PFR	Prototype Fast Reactor (United Kingdom)
PFS	peripheral fixed shim
PG	particulate and gas
PGA	peak ground acceleration
PGCC	power generation control complex
PGDS	pressurized gas distribution system
PG&E	Pacific Gas & Electric Co.
PGG	power generation group
PGP	procedures generation package
PGQ	potentially generic question
PHA	pulse-height analyzer
PHERMEX	pulsed high-energy radiographic machine-emitted x ray
PHF	plug-handling fixture
PHR	process heat reactor
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	performance indicator
PI	physical inventory
PI	plasticity index
PI	position indication
PI	pressure indicator

# P

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PI	process instrumentation
PI	proportional integral
PI	purge isolation
P&I	piping and instrumentation
PIC	pressure-indicating controller
PIC	pressurized ion chamber
PIC	public information center
PID	partial initial decision
PID	piping and instrumentation diagram
PID	position indication device
PID	project identification
PID	proportional integral derivative
P&ID	piping and instrumentation diagram
P&ID	process and instrumentation diagram
FIDS	project identification summary
PIE	postirradiation examination
PIE	postirradiation experiment
PIF	pool irradiation facility
PIF	pressure-injected footing
PIMS	pooled inventory management system
PIN	piping interference notification
PIN	potential interference notification
PING	particulate, iodine, and noble gas
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	performance improvement plan
PIP	performance improvement program
PIP	position indication probe
PIP	prototypic inlet piping
PIPPAP	pile for producing power and plutonium
PIR	Petrolite Irradiation Reactor
PIR	plant internal report
PIR	problem identification report
PIR	problem investigation report

PIRG	Public Interest Research Group
PIRR	pipe inspection round robin
PIS	pressure-indicating switch
PIS	process instrumentation system
PIV	pressure-indicating valve
PIV	pressure isolation valve
PIXIE	proton-induced x-ray emission
PL	panel left
PL	pipng load
PL	plastic limit
PL	public law
PLATR	Pawling lattice test rig
PLBR	prototype large breeder reactor
PLC	power-line carrier
PLCEA	part-length control element assembly
PLCEDM	part-length control element drive mechanism
PLEX	plant life extension
PLOCAP	post-loss-of-coolant-accident protection
PLR	policy and labor relations
PLS	precautions, limitations, and set points
PLT	Princeton Large Torus
PM	photomultiplier
PM	pressure multiplier
PM	preventive maintenance
PM	program manager
PM	project manager
PM	protective measure
PMA	personnel management analyst
PMA	plastic moderated assembly
PMC	programmable machine controller
PMC	Project Management Corporation
PMC	protective measures coordinator
PME	process and manufacturing engineering
PMF	probable maximum flood
PMH	probable maximum hurricane
PMI	plant manager instruction
PMIS	plant monitoring and information system



# P

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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
PM $\bar{P}$	probable maximum precipitation
PMP	program manual procedure
PMR	plant modification request
PMR	project manager report
PMS	performance measurement system
PMS	plant monitoring system
PMS	primary makeup system
PMS	probable maximum surge
PMS	program management staff
PMT	photomultiplier tube
PMT	postmaintenance testing
PMU	plant makeup
PMW	probable maximum wind
PMWP	probable maximum winter precipitation
PMY	professional man-year
PN	plant normal
PN	preliminary notification
PNA	pulsed neutron activation
PNE	peaceful nuclear explosion
PNET	Peaceful Nuclear Explosion Treaty
PNL	Pacific Northwest Laboratory
PNO	preliminary notification of occurrence
PNPP	Palisades Nuclear Power Plant
PNPP	Perry Nuclear Power Plant
PNR	Pittsburgh Naval Reactors Office
PNS	preliminary notification of safeguard
PNSRC	plant nuclear safety review committee
PNWL	Pacific Northwest Laboratory
PO	purchase order
POA	provisional operating authorization
POD	point of discharge



PCD	probability of detection
POD	PWR (pressurized-water reactor) oxide decontamination
PODCI	probability of detection and correct interpretation
POG	pipng and operating gallery
POGE	Portland General Electric Co.
POIS	prototype online instrument system
POL	possession-only license
POL	provisional operating license
POM	position modulator
POP	peak overpressure
POP	proof of principle
POPR	prototype organic power reactor
POPS	pressurizer overpressure protection system
POQAP	plant operational quality assurance procedure
POR	plant operations review
POR	plutonium organic recycle
PORACC	principle 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
POSA	preliminary operating safety analysis/analyses
POTC	Power Operations Training Center
PP	primary pressure
PPA	plutonium preparation area
FPA	power plant attendant
PPA	Princeton-Pennsylvania Proton Accelerator
PPC	Pennsylvania Power Co.
PPC	plutonium process cell
PPC	plutonium product cell
PPC	pore pressure cell
PPDD	preliminary project design description
PPDI	plant process display instrumentation
PPDIL	pre-power-dependent insertion limit
PPE	personnel program effectiveness
PPFR	plutonium product filter room

# P

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PPG	policy and planning guidance
PPH	primary pump house
PPIS	plant protection and instrumentation system
PP&L	Pennsylvania Power & Light Co.
PPL	Plasma Physics Laboratory
PPL	plutonium product loadout
PPL	priority placement list
ppm	part per million
PPM	procedure preparation manual
PPMIP	plant performance and management improvement program
PPNM	physical protection of nuclear materials
PPP	portable plotting package
PPPG	policy, planning, and program guidance
PPS	plant protection system
PPS	plant protective system
PPS	plutonium product storage
PPS	primary power system
pps	pulse 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
PQAP	project quality assurance plan
PQR	procedure qualification record
PR	Philippine Reactor
PR	plant recovery
PR	power range
PR	press release
PR	pressure recorder
PR	procurement request
PR	proposed rule
PRA	plutonium recycle acid
PRA	probabilistic risk analysis/analyses
PRA	probabilistic risk assessment
PRAF	probabilistic risk assessment fundamentals

PRATTP	probabilistic risk assessment technology transfer program
PRB	plant review board
PRB	procedure review board
PRBSG	pseudo-random binary sequence generator
PRC	Planning Research Corp.
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
PREACS	penetration room exhaust air cleanup system
PREACS	pump room exhaust air cleanup system
PRF	penetration room filtration
PRG	procedure review group
PRISIM	plant risk status information management
PRISM	power reactor inherently safe module
PRL	postulated rupture location
PRM	personal radiation monitor
PRM	petition for rulemaking
PRM	power range monitor
PRM	process radiation monitor
PRM	proposal for rulemaking
PRMS	process radiation monitoring system
PRNC	Puerto Rico Nuclear Center
PROM	programmable read-only memory
PROS	Professional Reactor Operator Society
PRR	Pawling Research Reactor
PRR	Philippines Research Reactor
PRR	pressure rise rate
PRR	Puerto Rico Reactor
PRRWS	public risk reduction worksheet
PRS	pressure response spectrum/spectra
PRS	process radiation sampler
PRSC	plutonium rework sample cell
PRT	pressurized relief tank
PRT	prompt relief trip

# P

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PRTR	plutonium recycle test reactor
PRTS	pressurizer relief tank system
PRV	pressure relief valve
PRVS	penetration room ventilation system
PRWRA	Puerto Rico Water Resources Authority
PS	Pilgrim Station
PS	policy statement
PS	power supply
PS	pressure switch
PS	pressurizer surge
PSA	personnel and service area
PSA	plant-specific action
PSA	probabilistic safety analysis/analyses
PSA	probabilistic safety assessment
PSAR	preliminary safety analysis report
PSB	personnel services building
PSB	plant service building
PSC	plant safety committee
PSC	plutonium stripping concentrate
PSC	Public Service Commission
PSC	Public Service Co. of Colorado
PSCD	plutonium stripping concentration distillate
PSCS	plant supervisory control subsystem
PSD	power spectral density
PSD	power spectrum density
PSDD	preliminary system design description
PSDF	power spectrum density function
PSE	pressurized subcritical experiment
PSE&C	power supply engineering and construction
PSE&G	Public Service Electric & Gas Co.
PSF	performance shaping factor
PSF	personnel security file
PSF	plutonium stripper feed
PSF	poolside facility
PSH	pressure switch, high
PSI	preservice inspection
PSI	prioritization of safety issues

PSID	preliminary safety information document
PSIN	Public Service Co. of Indiana, Inc.
PSMD	Public Service of Maryland
PSMS	plant safety monitoring system
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	physical security plan
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	permanent side reflector
PSR	plant status report
PSR	primary system relief
PSR	procurement status report
PSR&D	primary sodium removal and decontamination
PSRM	post-scrum reactivity monitor
PSS	primary sampling system
PSS	probabilistic safety study
PSS	process sampling system
PSSA	preclosure systems safety analysis/analyses
PSSAR	preliminary standard safety analysis report
PSSP	primary sodium sampling package
PSSPS	primary sodium storage and processing system
PST	pressure suppression tank
PST	primary surge tank
PSTF	pressure suppression test facility
PSTF	proximity sensor test facility
PSTF	pump seal test facility
PSTG	plant-specific technical guidelines
PSU	Publication Sales Unit
PSUR	Pennsylvania State University Reactor
PSW	plant service water

# P

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PSWG	plant-specific writers guide
PSWS	potable and sanitary water system
PT	penetrant test
PT	penetrant testing
PT	periodic test
PT	periodic testing
PT	phototransistor
PT	pool temperature
PT	preoperational test
PT	preoperational testing
PT	pressure and temperature
PT	pressure transmitter
P/T	pressure and temperature
PTC	passive thermal control
PTC	post-turnover change
PTE	part-time equivalent
PTE	physics test exception
PTI	pipe test insert
PTI	plugging temperature indicator
PTL	Pittsburgh Testing Laboratory
PTP	peak to peak
PTP	preoperational test program
PTP	proximity test plug
PTR	performance trend report
PTR	pool test reactor
PTR	pool training reactor
PTR	pressure tube reactor
PTR	programmer trouble report
PTR	proof test reactor
PTS	pressurized thermal shock
PTSE	pressurized thermal shock experiment
PTSF	pressurized thermal shock facility
PT/SP	pressure tube-to-spool piece
PTSR	pressure tube superheat reactor
PTSTF	pressurized thermal shock test facility
PUA	plant-unique analysis/analyses
PUAAG	plant-unique analysis-applications guide



Pub. L.	Public Law
PUC	Public Utility Commission
PUD	paired uranium detectors
PUD	public utility district
PULSTAR	pulsed training assembled reactor
PUP	peak underpressure
PUP	plutonium utilization program
PUR	Purdue University Reactor
PUSPATI	Pusat Penyelidikan Atom Tun Ismail (Malaysia)
PV	pressure valve
PV	pressure vessel
PVC	polyvinyl chloride
PVLC	penetration valve leakage control
PVNGS	Palo Verde Nuclear Generating Station
PVORT	pump and valve operability review team
PVRC	Pressure Vessel Research Committee
PVS	plant vent stack
PVS	pressure vessel simulation
PVTI	pipng and valve test insert
PW	potable water
P&W	Pratt and Whitney
PWG	principal working group
PWHA	plutonium waste-handling area
PWHT	postweld heat treatment
PWR	pipe whip restraint
PWR	pressurized-water reactor
PWSCC	primary water stress-corrosion cracking
PWST	protected water storage tank
PyC	pyrolytic carbon
PZR	pressurizer
PZR LCS	pressurizer level control system
PZR PCS	pressurizer pressure control system



# Q

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QA	quality assurance
QAA	quality assurance audit
QAC	quality assurance checklist
QAC	quality assurance criterion/criteria
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
QA/QC	quality assurance/quality control
QAR	quality assurance requirement
QAR	quality assurance representative
QC	quality control
QCI	quality control instruction
QCIP	quality control inspection procedure
QCP	quality control procedure
QCS	Quad-Cities Station
QDO	quantitative design objective
QDPS	qualified display processing system
QE	quality engineer
QF	quality factor
QF	quality form
QHR	quality history record
QLR	quick-look report
QMP	qualification maintenance program
QO	quick opening
QOBV	quick-opening blowdown valve
QPM	quality program manager
QPT	quadrant power tilt

# Q

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QPTR	quadrant power tilt ratio
QR	quality revalidation
QS	querich spray
QSC	quality systems certificate
QSP	quality systems program
QSR	quarterly statistical report
QSTF	quarter-scale test facility
QTC	Quality Technology Co.
QTP	quality test plan
QV	quality verification
QVFI	quality verification functional inspection
QVI	quality verification inspection

# R

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RA	reduction of area
RA	regional administrator
RA	Robotics and Automation Council
RAB	reactor auxiliary building
RABNVS	reactor auxiliary building normal ventilation system
RABSRVS	reactor auxiliary building switchgear room ventilation system
RABV	reflood assist bypass valve
RAC	radiological assessment coordinator
RAC	regional assistance committee
RAC	report of abnormal condition
RACES	Radio Amateur Civil Emergency Service
RACS	rod action control system
RAD	radiation absorbed dose
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
RAM	reliability, availability, and maintainability
RAMS	regulatory activities manpower system
RANNP	Research Applied to National Needs Program
RAOC	relaxed axial offset control
RAP	radiological assistance plan
RAP	remedial action program
RAPS	radioactive argon processing system
RAPTUS	rapid thorium-uranium system
RAREF	radiation and repair engineering facility
RARP	reliability assessment research program
RAS	reactor analysis and safety
RAS	recirculation actuation signal
RAS	remote acquisition station
RAT	radiological assessment team

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RAT	radiological assistance team
RAT	reserve auxiliary transformer
RATI	readiness assessment team inspection
RB	reactor building
RBA	radial blanket assembly
RBAL	reprocessing building analytical laboratory
RBC	reactor building cooling
RBCCW	reactor building closed-cooling water
RBCLCW	reactor building closed-loop cooling water
RBCLCWS	reactor building closed-loop cooling water system
RBCR	reprocessing building control room
RBCS	reactor building cooling system
RBCU	reactor building cooling unit
RBCW	reactor building cooling water
RBE	relative biological effectiveness
RBEDT	reactor building equipment drain tank
RBESI	reactor building exhaust system isolation
RBFC	reactor building fan cooler
RBHS	reactor building heating system
RBM	rod-block monitor
RBOF	receiving basin for offsite fuel
RBP	reactor building protection
RPVVS	reactor building purge ventilation system
RBS	reactor building spray
RBS	River Bend Station
RBSI	reactor building spray injection
RBSR	reactor building spray recirculation
RBSR	reactor building spreading room
RBSR	reprocessing building spreading room
RBTL	reactor building truck lock
RBVI	reactor building ventilation isolation
RBVPRM	reactor building vent process radiation monitor
RC	reactor cavity
RC	reactor coolant
RC	recording controller
RC	rigid confinement
RCA	Radiation Control Agency

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RCA	radiological controlled area
RCA	reactor coolant activity
RCAP	root-cause analysis program
RCB	reactor containment building
RCBHT	reactor coolant bleed holdup tank
RCBT	reactor coolant bleed tank
RCC	Radiochemical Centre Ltd.
RCC	reactor closed-cooling
RCC	rod cluster control
RCCA	rod cluster control assembly
RCCS	reactor cavity cooling system
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 coolant
RCIC	reactor core isolation cooling
RCICS	reactor core isolation cooling system
RCIS	rod control and information system
RCL	reactor coolant loop
RCLC	reactor coolant letdown cooler
RCM	reliability-centered maintenance
RCN	Reactor Centrum Nederland (Netherlands)
RCP	radiological control program
RCP	reactor characterization program
RCP	reactor coolant pump
RCPB	reactor coolant pressure boundary
RCPS	reactor coolant pump system
RCRA	Resources Conservation and Recovery Act
RCS	reactor coolant system
R&CS	radiological and chemical support
RCSI	reactor coolant system integrity
RCSIL	rapid communication service information letter
RCSS	reactor core subsystem
RCT	response coordination team

# R

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RCT	rework/completion tag
RC&T	radiation contrc. and test
RCTS	reactor coolant treatment system
RCTWS	railroad car and truck wash station
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
RDO	regional duty office
RDOS	real-time disk operating system
RDP	reactor development program
RDSD	reliability design support document
RDT	reactor development and technology
RDT	reactor drain tank
RE	radiation equipment
RE	rare earth
RE	right end
REA	radiologic engineering assessment
REA	recycle acid
REA	rod ejection accident
REA	Rural Electrification Administration
REAC	Radiological Emergency Assistance Center (Oak Ridge, Tennessee)
REBA	relativistic electron beam accelerator
REC	radiant energy conversion
RECC	radiological effluent control commitment
RECHAR	recombiner charcoal adsorber
RECS	radiological emergency communications system
RECW	reactor enclosure cooling water
REETS	radiological effluent and environmental technical specification

REHR	reactor heat removal
REI	request for engineering investigation
REIC	Radiation Effects Information Center
REIRS	radiation exposure information reporting system
REL	radiation evaluation loop
REL	reactor equipment limited
rem	roentgen equivalent man
REMDCM	radiological effluent monitoring and offsite dose calculation manual
REMP	radiological environmental monitoring program
REP	radiological emergency plan
REP	resonance escape probability
rep	roentgen equivalent physical
RER	radiation effects reactor
RER	regulatory effectiveness review
RER	representative for experiment review
RER	risk evaluation report
RERC	radiological emergency response coordination
RERO	radiological emergency response operation
RERP	radiological emergency response planning
RERS	reactor enclosure recirculation system
RETR	reduced enrichment for research and test reactors
RES	Nuclear Regulatory Research, Office of (NRC)
RES INSP	resident inspector
RESAR	reference safety analysis report
RESC	reactor subcriticality
RESL	Radiological and Environmental Sciences Laboratory
RETS	radiological effluent technical specification
RETS	radiological environmental technical specification
REVAB	relief valve augmented bypass
REW	recycle water
RF	radiofrequency
RF	release factor
RF	reply finding
RFC	recirculation flow control
RFCS	recirculation flow control system
RFI	request for information



# R

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RFIC	request for information or clarification
RFN	remote filter; niche
RFP	reactor feed pump
RFP	request for procurement
RFP	request for proposal
RFP	reversed field pinch
RFP	Rocky Flats Plant
RFPA	request for procurement action
RFPT	reactor feed pump turbine
RFQ	request for quotation
RFW	reactor feedwater
RFX	reversed field experiment
RG	regulated gallery
RG	regulatory guide
R.G.	regulatory guide
RG&E	Rochester Gas & 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
RHT	recycle holdup tank
RHTS	reactor heat transport system
RHX	regenerative heat exchanger
RI	radiation indicator
RI	reactor island
RI	Region I—King of Prussia, Pennsylvania (NRC)
RI	resident inspector
RI	resonance integral
R&I	removal and installation
RIA	reactivity-initiated accident
RIA	regulatory impact analysis/analyses
RIA	removable instrument assembly
RIAEC	Rhode Island Atomic Energy Commission

RICO	Racketeering Influenced and Corrupt Organizations Act
RIDR	receipt inspection data report
RIDS	receiving inspection data status
RIDS	regulatory information distribution system
RIENA	Rassegna Internazionale Elettronica Nucleare ed Aerospaziale (Italy)
RIF	reduction in force
RIG	risk-based inspection guide
RII	receiving inspection instruction
RII	Region II—Atlanta, Georgia (NRC)
RIC	rotary inertia included case
RIII	Region III—Glen Ellyn, Illinois (NRC)
RIL	research information letter
RIM	relative importance measure
RIMS	regional input-output modeling system
RINA	Registro Italiano Navale (Italy)
RIOPR	Rhode Island Open Pool Reactor
RIP	reactor internal pump
RIP	receiving inspection plan
RIPS	radioisotope power supply
RIR	receipt inspection report
RIS	reporting identification symbol
RIS	reservoir-induced seismicity
RISC	reduced instruction set computer
RISS	reactor internals subsystem
RITS	regulatory information tracking system
RITS	resource information tracking system
RIV	Region IV—Arlington, Texas (NRC)
RJE	remote job entry
RKS	Raadet foer Kaernkraftsaekerhet (Sweden)
RL	reactor licensing
RL	refracted longitudinal
RLE	review-level earthquake
RLOP	reactor licensing operating procedure
RLF	radioactive lighting rod
RM	radiation monitor
RM	radiation monitoring

# R

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RM	radiometric monitor
RM	reactor manufacturer
RM	remote manual
RM	rulemaking
RMAAS	reactivity monitoring and alarm system
RMC	Radiation Management Corporation
RMC	remote manual control
RM&C	reactor monitoring and control
RMCS	reactor makeup control system
RMCS	reactor manual control system
RMF	reactivity measurement facility
RMIEP	risk methodology integration and evaluation program
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
RMWST	reactor makeup water storage tank
RMWT	reactor makeup water tank
RMWT	reactor makeup water transfer
RNA	ribonucleic acid
RNB	research nuclear battery
RNB	return to nucleate boiling
RNDT	reference nil ductility temperature
RO	reactor operator
RO	regional office
RO	remain open
RO	reportable occurrence
RO	restriction orifice
RO	reverse osmosis
ROD	release order directive
ROI	region of interest
ROM	read only memory
RGP	record of purchase
ROS	requisition on stores

ROSPA	risk-based operational safety performance assessment
ROW	requisition on warehouse
ROW	right of way
RP	radiation protection
RP	reactor pool
RP	reactor pressure
RP	reactor project
RP	release point
RPAM	regional public affairs manager
RPAO	regional public affairs officer
RPAS	reactor protection actuating signal
RPB	reactor pressure boundary
RPC	Radiation Policy Council
RPC	remote process cell
RPC	rod pattern controller
RPCB	reactor power cutback
RPCC	remote process crane cave
RPCS	reactor plant control system
RPCWS	reactor plant cooling water system
RPD	reactor plant designer
RPDF	radiation protection design feature
RPE	radiation protection engineer
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 indication system
RPM	radiation protection manager
RPP	radiation protection plan
RPPS	reactor plant and process sampling
RPS	radiation protection supervisor
RPS	reactor protection system
RPS	regulatory performance summary

# R

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RPST	reaction products separator tank
RPT	radiation protection technician
RPT	reactor for physical and technical
RPT	recirculation pump trip
RPV	reactor pressure vessel
RPVRI	reactor pressure vessel reflective insulation
R&QA	reliability and quality assurance
RQD	rock-quality designation
RR	receiving report
RR	review report
RR	review request
RAA	Radiation Research Associates, Inc.
RAA	risk-reduction analysis/analyses
RRC	radiation recorder controller
RRC	reactor recirculation cooling
RRD	retendering receipt day
R&RE	radiation and repair engineering
RRG	regulatory response group
RRG	research review group
RRI	resident reactor inspector
RRP	reactor recirculation pump
RRP	reactor refueling plug
RRPI	relative rod position indication
RRPI	rotary relative position indicator
RRR	Raleigh Research Reactor
RRRC	Regulatory Requirements Review Committee
RRS	reactor recirculation system
RRS	reactor refueling system
RRS	reactor regulating system
RRS	required response spectrum/spectra
RRS	resin regeneration sub-system
RRTF	Regulatory Reform Task Force
RS	radiation source
RS	reactor safeguards
RS	reactor safety
RS	reactor system
RS	recirculation spray

RS	reference section
RSA	remote shutdown area
RGARR	Republic of South Africa Research Reactor
RSB	reactor service building
RSC	reactor safety coordinator
RSC	reactor site criterion/criteria
RSCE	reserve shutdown control equipment
RSCM	reserve shutdown control material
RSCS	reactor sequence control system
RSCS	rod sequence control system
RSCW	Research Reactor, State College of Washington
RSD	relative standard deviation
RSD	responsible system designer
RSE	reserve shutdown equipment
RSEP	Robinson Steam Electric Plant
RSH	resin sluice header
RSHX	recirculation spray heat exchanger
RSI	reactor siting index
RSIC	Radiation Shielding Information Center
RSK	Reaktorsicherheitskommission (Germany)
RSLO	regional State liaison officer
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
RSPE	recruitment, staffing, and position evaluation
RSR	radiological safety review
RSR	reactor safety research
RSR	reference safety report
RSS	reactor safety study
RSS	reactor shutdown system
RSS	remote shutdown system
RSS	reserve shutdown system
RSSF	retrievable surface storage facility
RSSMAP	Reactor Safety Study Methodology Application Program



# R

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RSST	reserve station service transformer
RSW	raw service water
RT	radiographic test
RT	reactor trip
RT	reference temperature
RTB	reactor trip breaker
RTC	regional training center
RTC	removable top closure
RTCB	reactor trip circuit breaker
RTCB	run to cladding breach
RTD	resistance temperature detector
RTD	resistance temperature device
RTD	Roentgen Technische Dienst B.V. (Netherlands)
RTDP	reactor technology development plan
RTDP	revised thermal design procedure
RTE	relocation tabletop exercise
RTE	residual total elongation
RTG	radioactive thermoelectric generator
RTGB	reactor turbine generator board
RTL	radioisotope transport loop
RTM	reactor trip module
RTM	regulatory technical memorandum/memoranda
RTndt	reference temperature nil ductility
RTO	reactor trip override
RTP	rated thermal power
RTP	restart test program
RTS	reactor trip system
RTS	refueling water transfer and storage
RTSS	reactor trip switchgear system
RTT	reference transition temperature
RTV	room temperature vulcanizing
R&U	repairs and utilities
RV	Reactor Venezolano (Venezuela)
RV	reactor vessel
RV	Region V—Walnut Creek, California (NRC)
RV	release valve
RV	relief valve



RVC	reactor volume control
RVDP	relief valve discharge piping
RVHVS	reactor vessel head vent system
RVIS	reactor vessel instrumentation system
RVLIS	reactor vessel level instrumentation system
RVLM	reactor vessel level monitoring
RVRLIS	reactor vessel refueling level indication system
RVS	reactor vessel system
RVUH	reactor vessel upper head
RW	raw water
RW	Rir.gsdorff-Werke, G.m.b.H. (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-Westfälisches Elektrizitätswerk, A.G. (Germany)
RWE	rod withdrawal error
RWL	reactor water level
RWL	rod withdrawal limiter
RWM	rod worth minimizer
RWN	room work notification
RWP	radiation work permit
RWP	radwaste work permit
RWPC	radwaste process cell
RWPH	river water pump house
RWR	radioactive waste reduction
RWS	radwaste system
RWSF	radwaste solidification facility
RWSP	refueling water storage pool
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
RY	reactor-year

# S

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SA	safety analysis/analyses
SA	safety assessment
SA	service air
S/A	subassembly
S&A	surveillance and accountability
SAAEB	South African Atomic Energy Board
SAC	Systems Automation Corp.
SAD	safety analysis diagram
SAD	safety assurance diagram
SAD	systems, assistant director
SADE	superheat advanced demonstration experiment
SAE	site area emergency
SAE	Society of Automotive Engineers
SAFDL	specified acceptable fuel design limit
SAFE	safeguards automated facility evaluation
SAFE	Society for the Advancement of Fission Energy
SAFO	Swedish Atomic Forum
SAFR	sodium advanced fast reactor
SAFT	synthetic aperture focusing technique
SAG	senior advisory group
SAI	Science Applications, Inc.
SAIC	Science Applications International Corp. (formerly Science Applications, Inc.)
SAID	safety analysis input data
SAIGE	Società di Architettura Industriale per Gli Impianti di Generazione de Energia, SpA (Italy)
SAL	service advisory letter
SALE	safeguards analytical laboratory evaluation
SALP	systematic assessment of licensee performance
SAM	stabilized assay meter
SAM	substitute alloy material
SAMA	Scientific Apparatus Makers Association
SAMDA	severe accident mitigation design alternative
SAMIS	structural analysis and matrix inversion system

# S

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SAN	standard address number
SAP	Severe Accident Program
SAP	startup administrative procedure
SAP	synthetic aperture program
SAPL	Seacoast Antipollution League
SAPS	Shippingport Atomic Power Station
SAR	safety analysis report
SARA	severe accident risk assessment
SARA	systems analysis and risk assessment
SAREF	safety research experiment facility
SARP	Severe Accident Reduction Program
SARP	Severe Accident Research Plan
SARP	Severe Accident Research Program
SARRP	Severe Accident Risk Reduction Program
SAS	safety assessment system
SAS	secondary alarm station
SAS	security agency study
SAS	service air system
SAS	station air system
SASA	severe accident sequence analysis/analyses
SAT	spray additive tank
SAT	startup auxiliary transformer
SAT	station auxiliary transformer
SAT	systems approach to training
SATNUC	Société pour l'Applications Techniques dans le Domaine de l'Energie Nucléaire (France)
SAVC	structural assembly verification card
SAVS	safeguards area ventilation system
SAW	steam, air, water
SAW	submerged arc weld
SBACS	shield building air cleanup system
SBAECS	shield building air exhaust cleanup system
SBCS	steam bypass control system
SBFAS	shield building air filtration actuation system
SBGT	standby gas treatment
SBGTS	standby gas treatment system
SBK	Schnell-Brüter-Kernkraftwerksgesellschaft, m.b.H. (Germany)

SBLC	standby liquid control
SBLLOCA	small-break loss-of-coolant accident
SBO	station blackout
SBOC	superheated blowdown outside containment
SBH	Soviet Breeder Reactor
SBVS	shield building ventilation system
SBWR	simplified boiling-water reactor
SC	safety class
SC	secondary confinement
SC	site characterization
SC	site contingency
SC	speed controller
SC	surveillance compliance
SCA	secondary control assembly
SCA	simulated core assembly
SCA	single-channel analyzer
SCA	site characterization analysis/analyses
SCA	small component autoclave
SCA	sneak circuit analysis/analyses
SCAT	spray chemical addition tank
SCBA	self-contained breathing apparatus
SCBR	steam-cooled breeder reactor
SCC	shutdown cooling circulator
SCC	specialized common carrier
SCC	stress-corrosion cracking
SCCS	secondary chemical control system
SCCS	shutdown cooling circulator subsystem
SCCS	sodium chemistry control system
SCCS	standby core cooling system
SCD	severe core damage
SCD	significant construction deficiency
SCDAP	severe core damage analysis package
SCDWMR	steam-cooled deuteriated water-moderated reactor
SCE	saturated calomel electrode
SCE	situation-caused error
SCE	Southern California Edison Co.
SCEAR	Scientific Committee on the Effects of Atomic Radiation

# S

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SCEG	South Carolina Electric & Gas Co.
SCE&G	South Carolina Electric & Gas Co.
SCEL	small-component evaluation loop
SCEW	system component evaluation worksheet
SCF	SNAP critical facility
SCF	sodium cleaning facility
SCFBR	steam-cooled fast breeder reactor
scfh	standard cubic foot/feet per hour
scfm	standard cubic foot/feet per minute
SCFS	secondary containment fill station
SCGA	sodium-cooled graphite assembly
SCHE	shutdown cooling heat exchanger
SCHES	shutdown cooling heat exchanger subsystem
SCHS	small-component handling system
SCI	secondary containment isolation
SCIV	secondary containment isolation valve
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
SCOTTR	supercritical once-through tube reactor
SCP	security control point
SCP	site characterization plan
SCPPCS	secondary containment purge and pressure control system
SCR	selenium control rectifier
SCR	significant condition report
SCR	silicon-controlled rectifier
SCR	site characterization report
SCR	site characterization review
SCR	sodium-cooled reactor
SCRB	Senior Contract Review Board
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 (U.S. Department of Agriculture)
SCSHX	shutdown cooling system heat exchange
SCSHX	shutdown cooling system heat exchanger
SCSI	Southern Company Services, Inc.
SCSIN	Service Central de Sûreté des Installations Nucléaires (France)
SCSS	sequence coding and search system
SCST	spray chemical storage tank
SCTA	secondary container transfer area
SCTF	slab core test facility
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
SCV	systems completion verification
SCVI	special construction verification inspection
SCWHE	shutdown cooling water heat exchanger
SCWR	supercritical water reactor
SCWS	shutdown cooling water subsystem
SD	scram discharge
SD	shakedown
SD	shutdown
SD	standard drawing
SD	standards development
SD	station directive
SD	supply duct
SD	system description
S/D	shutdown
SDA	standard design approval
SDA	startup detector assembly
SDA	supplier data approval



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SDBCS	steam dump bypass control system
SDBU/CR	Small and Disadvantaged Business Utilization and Civil Rights, Office of (NRC)
SDC	shield design code
SDC	shutdown cooling
SDC	structural design criterion/criteria
SDCC	small-diameter component cask
SDCS	shutdown cooling system
SDD	system design description
SDEM	Société d'Entreprise de Montages (France)
SDF	spillway design flood
SDG	standby diesel generator
SDGE	San Diego Gas & Electric Co.
SDH	side drill hole
SDHR	shutdown decay heat removal
SDHX	shutdown heat exchanger
SDIP	surveillance dosimetry improvement program
SDLC	synchronous data link control
SDM	shutdown margin
SDMF	surveillance dosimetry measurement facility
SDOF	single degree of freedom
SDP	setdown pool
SDR	significant deficiency report
SDR	SNAP Developmental Reactor
SDR	supplier deviation request
SDS	shutdown sequencer
SDS	steam dump system
SDS	submerged demineralizer system
SDSP	site director standard practice
SDV	scram discharge volume
SDV	steam dump valve
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
SECOM	Safe Energy Coalition of Michigan
SECY	Secretary of the Commission, Office of the (NRC)
SEE IN	Significant Event Evaluation and Information Network
SEE-IN	significant event evaluation—information notice
SEEN	Syndicat d'Etudes de l'Energie 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'Energie Nucléaire Mosane (Belgium)
SENA	Société d'Energie Nucléaire Franco-Belge des Ardennes (France)
SENN	Società Elettronucleare Nazionale (Italy)
SENTA	Société d'Etudes Nucléaires et de Techniques Avancées (France)
SEO	side entry orifice
SEP	safety enhancement program
SEP	site emergency plan
SEP	standby electric power
SEP	Systematic Evaluation Program
SER	safety evaluation report
SER	Sandia Engineering Reactor
SER	self-evaluation report
SER	significant event report
SER	SNAP Experimental Reactor
SERB	State Environmental Review Board
SERC	Southeastern Electric Reliability Council
SERF	Sandia Engineering Reactor Facility
SERF	special environmental radiometallurgy facility
SERR	semiannual effluent release report
SERS	safety evaluation report supplement
SES	safety evaluation supplement
SES	Senior Executive Service
SES	steam electric station

# S

SET	systems effects test
SETF	SNAP Experimental Test Facility
SETS	standardized environmental technical specification
SETU	Société d'Etudes et de Travaux pour l'Uranium (France)
SEUSN	Southeastern United States Seismic Network
SF	source factor
SF	spent fuel
SFA	single-failure analysis/analyses
SFA	spent fuel assembly
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
SFD	severe fuel damage
SFDST	severe fuel damage scoping test
SFEN	Société Française d'Énergie Nucléaire (France)
SFP	spent fuel pit
SFP	spent fuel pool
SFPAVS	spent fuel pool area ventilation system
SFPC	spent fuel pool cooling
SFPCCS	spent fuel pool cooling and cleanup system
SFPCS	spent fuel pool cooling system
SFR	startup field report
SFRCS	steam and feedwater rupture control system
SFRP	Société Française de Radioprotection (France)
SFR&TA	system function review and task analysis
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, m.b.H. (Austria)

SGAHR	steam generator auxiliary heat removal system
SGAS	steam generator available signal
SGB	steam generator blowdown
SG3	steam generator building
SGBD	steam generator blowdown
SGBPS	steam generator blowdown processing system
SGBS	steam generator blowdown system
SGCF	SNAP Generalized Critical Facility
SGE	Société Générale d'Enterprises (France)
SGEF	steam generator examination facility
SGFP	steam generator feedwater pump
SGGP	steam generator group project
SGHWR	steam-generating heavy-water reactor
SGIP	Steam Generator Integrity Program
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 subsystem
SGS	steam generator system
SGS	subgrid scale
S/GS	steam generator system
SGSA	steam generator subassembly
SGTF	steam generator test facility
SGTIP	Steam Generator Tube Integrity Program
SGTR	steam generator test rig
SGTR	steam generator tube rupture
SGTS	standby gas treatment system
SGV	steam generator vessel
SGWLC	steam generator water level control
SHA	sodium hydroxide addition
SHA	solid homogeneous assembly

# S

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SHAA	sealed head access area
SHADE	shielded hot-air drum evaporator
SHARE	systems for heat and radiation energy
SHE	semihomogeneous experiment
SHEAC	Safety, Health, and Environmental Appraisal Committee
SHEEC	Shearon Harris Energy and Environmental Center
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	security inspector
SI	special instruction
SI	surveillance inspection
SI	surveillance instruction
SI	système international (International System of Units)
SIAS	safety injection actuation signal
SIC	Standard Industrial Code
SICN	Société Industrielle de Combustible Nucléaire (France)
SICS	safety injection control system
SID	sodium ionization detector
SI/EB	safety injection/emergency boration
SIG	special inquiry group
SIGEN	Società Impianti Generazione Energia Nucleare, SpA (Italy)
SIHP	Sargent Industries, Huntington Park
SIL	service information letter
SIM	service information memorandum/memoranda
SIMEA	Società Italiana Meridionale Energia Atomica (Italy)
SIMS	safety issues management system
SIN	Schweizerisches Institut für Nuklearforschung (Switzerland)
SINB	Southern Interstate Nuclear Board
SINET	Shared Information Network
SIO	Società per l'Industria dell'Ossigeno e de Altri Gas (Italy)
SIPAO	simulator for postaccident operation

SIPI	Scientists Institute for Public Information
SIR	safeguards implementation report
SiR	safe integral reactor
SIR	safety issue resolution
SIR	self-initiated review
SIR	submarine intermediate reactor
SIRW	safety injection and refueling water
SIRWT	safety injection and refueling water tank
SIS	safety injection signal
SIS	safety injection system
SIS	site integrated schedule
SIS	Special Inspection Services
SISI	surveillance and inservice inspection
SIT	safety injection tank
SIT	safety injection transmitter
SIT	social implications of technology
SIT	structural integrity test
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
SL	section leader
SL	stationary low
S&L	Sargent & Lundy Engineers
SLAC	Stanford Linear Accelerator Center
SLB	status light box
SLB	steamline break
SLC	standby liquid control
SLC	State liaison coordinator
SLCRS	supplementary leak collection and release system
SLCS	standby liquid control system
SLD	shutdown logic diagram
SLF	seismic load factor
SLI	steamline isolation
SLIV	steamline isolation valve
SLMCPR	safety limit for minimum critical power



# S

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SLO	single-loop operation
SLO	State liaison officer
SLP	St. Lucie Plant
SLPS	State and local program support
SLSF	sodium-loop safety facility
SLSV	shutdown-loop shutoff valve
SLUC	standard level user charge
SLWMS	secondary liquid waste management system
SM	stationary medium
SMA	shielded metal arc
SMACNA	Sheet Metal and Air Conditioning Contractors' National Association
SMART	senior management assessment of readiness team
SMAW	shielded metal arc weld
SMAW	shielded metal arc welding
SMAW	submerged metal arc welding
SMBDB	structural margin beyond design basis
SMC	segmented maintenance cask
SMC	systems, man, and cybernetics
SMM	seismic margins method
SMM	senior management meeting
SMM	subcooling margin monitor
SMP	simulator modification package
SMR	shield mockup reactor
SMR	solid moderated reactor
SMR	system modification request
SMSA	standard metropolitan statistical area
SMTI	sodium mechanisms test installation
SMUD	Sacramento Municipal Utility District
S/N	serial number
SNAME	Society of Naval Architects and Marine Engineers
SNAP	safeguards network analysis procedure
SNAP	shielded neutron assay probe
SNAP	Struthers Nuclear and Process Co.
SNAP	systems for nuclear auxiliary power
SNE	Sociedad Nuclear Espanola (Spain)
SNEC	Saxton Nuclear Experimental Corp.
SNEC	subgroup on nuclear export coordination

SNERP	Saxton Nuclear Experimental Reactor Project
SNG	synthetic natural gas
SNGS	Salem Nuclear Generating Station
SNI	Società Nucleare Italiana (Italy)
SNL	Sandia National Laboratories
SNM	Society for Nuclear Medicine
SNM	special nuclear material
SNP	Sequoyah Nuclear Power Plant
SNP	Skagit Nuclear Power Project
SNPS	Seabrook Nuclear Power Station
SNPS	Shoreham Nuclear Power Station
SNR	slow neutron reactor
SNR	supplier nonconformance report
SNRC	Soreq Nuclear Research Center
SNS	Seabrook Nuclear Station
SNS	spallation neutron source
SNUPPS	standardized nuclear unit power plant system
SO	Siemens Österreich (Austria)
SO	status officer
SO	supervising operator
SOCCS	summary of component control status
SOCIA	Société pour l'Industrie Atomique (France)
SOD	Société d'Etudes pour l'Obtention du Deuterium (France)
SODERN	Société d'Etudes et Réalisations Nucléaires (France)
SOE	sequence of events
SOER	safety operational event report
SOER	significant operating event report
SOER	significant operating experience report
SOICS	summary of installation control status
SOL	senior operator license
SOM	shift operations manager
SONGS	San Onofre Nuclear Generating Station
SOP	standard operating procedure
SOP	stepoff pad
SOP	Supervisory Orientation Program
SOPR	Spanish Open Pool Reactor
SOPREN	Società Progettazione Reattori Nucleari, SpA (Italy)



# S

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SOR	static O-ring
SOR	system of records
SORC	station operations review committee
SORIN	Società Ricerche Impianti Nucleari (Italy)
SORV	stuck-open relief valve
SOS	shift operations supervisor
SOV	solenoid-operated valve
SOW	statement of work
SP	sampling point
SP	security procedure
SP	set point
SP	special project
SP	special purpose
SP	suppression pool
SP	surveillance procedure
SPACS	sodium purification and characterization system
SPAHR	simulation package for assessing health risks
SPC	standby pressure control
SPC	stored program controller
SPC	suppression pool cooling
SPCED	system for physical control of energy distribution
SPCU	suppression pool cleanup
SPDES	State Pollutant Discharge Elimination System
SPDS	safety parameter display system
SPEEDI	system for prediction of environmental emergency dose information
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)
SPIP	Safety and Performance Improvement Program
SPMC	Seabrook Plan for the Massachusetts Communities

SPMS	suppression pool makeup system
SPND	self-powered neutron detector
SPOC	system preoperability checklist
SPOUT	system peripheral output utility
SPR	Sandia Pulsed Reactor
SPRF	Sandia Pulsed Reactor Facility
SPS	safety protection subsystem
SPS	secondary plant system
SPS	standard project storm
SPS	Summit Power Station
SPS	supplementary protection system
SPS	Surry Power Station
SPSC	Southwestern Public Service Co.
SP/SC	shield plug/support cylinder
SPSS	shield plug storage station
SPT	satellite pulse technique
SPT	special purpose test
SPT	standard penetration test
SPTF	sodium pump test facility
SPV	storage process vent
SPVC	simulated pressure vessel capsule
SPVR	storage process vent room
SPX	superheat power experiment
SQR	supplier quality representative
SQRT	seismic qualification review team
SQUG	Seismic Qualification Utilities Group
SR	safety related
SR	safety rod
SR	source range
SR	summary report
SR	support reaction
SR	surveillance requirement
S/R	safety relief
S/R	shipper-receiver
SRB	safety review board
SRBT	single-rod burst test
SRC	Science Research Council (United Kingdom)

# S

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SRC	shutdown reactor cooling
SRC	spares receiving checklist
SRCAS	safety-related control air system
SRCC	safety-related control circuit
SRCI	safety-related control and instrumentation
SRD	self-reading dosimeter
SRD	shipper-receiver difference
SR&D	sodium removal and decontamination
SRDA	sodium removal development apparatus
SRDC	safety-related design condition
SRDI	safety-related display instrumentation
SRE	safety-related equipment
SRE	sodium reactor experiment
SREC	standard radiological effluent control
SRFM	source range flux monitor
SRFM	source range flux monitoring
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 (U.S.S.R.)
SRIC	senior resident inspector for construction
SRL	Savannah River Laboratory
SRM	source range monitor
SRM	staff requirements memorandum/memoranda
SRM	standard reference material
SRN	specification revision notice
SRO	senior reactor operator
SRO	specification release order
SROA	safety-related operator action
SROS	send/receive from the opposite side
SRP	Savannah River Plant
SRP	small rotating plug
SRP	Standard Review Plan
SRRC	Standing Results Review Committee
SRS	sodium removal station

SRS	sodium removal system
SRS	solid radwaste system
SRSS	send/receive from the same side
SRSS	square root of the sum of the squares
SRST	spent resin storage tank
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
S/RV	safety/relief valve
SRVDL	safety/relief valve discharge line
S/RVDL	safety/relief valve discharge line
SRVL	safety-related vendor list
SRVO	safety relief valve open
SR/VO	safety relief valve open
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
SS	Susequehanna Station
SS	systems specialist
SSAR	site safety analysis report
SSAR	standard safety analysis report
SSAS	small sample assay system
SSAT	safety significance assessment team
SSB	Source Selection Board
SSB	Strategic Steering Board
SSC	short segmented cask

# S

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SSC	simulated surveillance capsule
SSC	Southern Services Company
SSC	structure, system, and component
SSC	super system code
SSCA	spray system compressed air
SSCC	Solid-State Circuits Council
SSCCS	solid-state component control system
SSCR	spectral shift control reactor
SSE	safe-shutdown earthquake
SSEB	Southern States Energy Board
SSEB	South of Scotland Electricity Board
SSER	site safety evaluation report
SSER	supplemental safety evaluation report
SSER	supplement to safety evaluation report
SSES	Susquehanna Steam Electric Station
SSF	safe-shutdown facility
SSF	safety-system failure
SSF	service storage facility
SSF	standby shutdown facility
SSFI	safety systems functional inspection
SSI	safe-shutdown impoundment
SSI	soil-structure interaction
SSI	steady-state irradiation
SSK	Strahlenschutzkommission (Germany)
SSLPS	solid-state logic protection system
SSMRP	seismic safety margins research program
SSNM	strategic special nuclear material
SSNPP	small-size nuclear power plant
SSOMI	safety systems outage modification inspection
SSORA	security system operational recording and analysis/analyses
SSP	sodium sampling package
SSP	staff site position
SSP	static sodium pot
SSPB	Swedish State Power Board
SSPC	Steel Structure Painting Council
SSPM	safety system performance monitor
SSPS	solid-state protection system

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SSPWR	small-size pressurized-water reactor
SSQE	safety system quality evaluation
SSR	seal steam regulator
SSR	secondary system relief
SSR	separate superheater reactor
SSR	site suitability report
SSR	site suitability review
SSR	specification status report
SSRAP	Senior Seismic Review and Advisory Panel
SSRCR	suggested State regulations for the control of radiation
SSRM	safety system readiness monitor
SSRT	slow strain rate test
SSS	safe-shutdown system
SSS	secondary sampling system
SSS	sensitized stainless steel
SSS	shield and seismic support
SSS	shift support supervisor
SSS	special safeguards study
SSS	special safety safeguard
SSST	site suitability source term
SST	secondary surge tank
SST	siting source term
SST	station service transformer
SS/T	steady-state/transient
SSTP	Super SARA Test Program
SSTR	solid-state track recorder
SSW	salt service water
SSW	standby service water
SSWP	station service water pump
SSWS	standby service water system
SSWS	station service water system
ST	site team
ST	source term
ST	special test
ST	speed transmitter
STA	Science and Technology Agency
STA	shift technical advisor



# S

STAR	Sandia National Laboratories Transient Axial Relocation
STAR	shield test air reactor
STAR	space thermionic auxiliary reactor
STCL	source-term control loop
STCP	source-term code package
STE	shield test experiment
STE	shift technical engineer
STE	special test exception
STE	system test engineer
STEC	South Texas Electric Cooperative, Inc.
STEP	safety test engineering program
STEP	source-term experiments project
STF	safety test facility
STF	shield test facility
STF	shielded test facility
STH	simplified time history
STI	special team inspection
STI	surveillance test interval
STIF	short-term irradiation facility
STIR	shield test and irradiation reactor
STIR	special technical issue report
STL	site team leader
STP	short-term program
STP	shutdown transfer panel
STP	South Texas Project
STP	special technical publication
STP	standard temperature and pressure
STP	system test procedure
STPF	shield test pool facility
STPM	simulated thermal power monitor
STR	submarine thermal reactor
STRESS	structural engineering system solver
STRIDE	standard reactor island design
STS	Standard Technical Specification
STV	small test vessel
S/U	startup
SUNY	State University of New York



SUPO	super power
SUPS	static uninterruptible power supply
SUR	startup rate
SUS	startup system
SU/SD	startup and shutdown
SUT	startup transformer
SV	safety valve
SV	solenoid valve
SV	stop valve
SVA	single-valve first-actuation
SVBC	simulated void box capsule
SW	service water
SW	Struthers Wells Corp.
S&W	Stone and Webster Engineering Corp.
SWA	startup work authorization
SWBP	sidewall bearing pressure
SWBS	solid waste barrel storage
SWC	solid waste cask
SWCP	secondary water chemistry program
SWCS	salt water cooling system
SWDS	steam and water dump system
SWEC	Stone and Webster Engineering Corp.
SWESSAR	Stone and Webster Standard Safety Analysis Report
SWET	simulated water entry test
SWGR	switchgear
SWIS	service water intake structure
SWISS	sustained water interactions with stainless steel
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
SWP	special work permit
SWPP	Southwest Power Pool
SWPS	solid waste processing system
SWR	service water reservoir

# S

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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
Sw'U	separate work unit
SWU	separative work unit
Sx	solvent extraction
SXF	solvent extraction feed
SYCA	Syndicat d'Etude des Centrales Atomiques (Belgium)
SYRFA	Société de Système Française pour les Réacteurs Avancées (France)

# T

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TA	Technical Associates
TA	transfer aisle
T&A	time and attendance
TAAG	technical assessment and advisory group
TAC	task action commitment
TAC	technical assignment control
TAC	technical assistance contract
TACF	temporary alteration control form
TACS	technical assignment control system
TACS	test assembly conditioning station
TADOT	trip actuating device operational test
TAEC	Thailand Atomic Energy Commission
TAF	top of active fuel
TAG	technical advisory group
TAG	test assembly grapple
TAIC	Tokyo Atomic Industrial Consortium
TAL	transporter air lock
TAML	Taunton Municipal Lighting Plant
TAML	technical assistance management letter
TAP	task action plan
TAP	test analysis package
TAP	thermal analyzer program
TAPM	technical assistance project manager
TAPMG	technical assistance program management group
TAPSS	technical assistance programs support system
TAR	technical assistance request
TAR	test analysis report
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

# T

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TB	turbine building
TB&A	Theodore Barry and Associates
TBCCW	turbine building closed cooling water
TBD	to be determined
TBEA	training benefits and employee assistance
TBESI	turbine building exhaust system isolation
TBM	tunnel-boring machine
TBP	tributyl phosphate
TBS	turbine bypass system
TBSOCW	turbine building secondary closed cooling water
TBSW	turbine building service water
TBV	turbine block valve
T3V	turbine building ventilation
TC	temperature controller
TC	transfer canal
T/C	thermocouple
TCA	thermal critical assembly
TCC	Transducer Controls Corporation
TCCC	time current characteristic curve
TC/LD	thermocouple/lead detector
TCM	technical committee meeting
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
TD	turbine driven
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

TDF	thermal design firm
TDH	total dynamic head
TDH	total dynamic head
TDI	Transamerica Delaval, Inc.
TDI	turbine disk integrity
TDIOG	Transamerica Delaval, Inc., Owners Group
TDM	time division multiplex
TDMC	Technical Data Management Center (Oak Ridge National Laboratory)
TDN	technology development need
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
TE	transient event
T/E	thermoelectric
TEAR	training evaluation audit report
TEC	Technology for Energy Corp.
TEC	total estimated cost
TECHNICATOME	Société Technique pour l'Energie Atomique (France)
TECO	Toledo Edison Company
TEFC	totally enclosed fan cooled
TEG	thermoelectric generator
TEM	transmission electron microscope
TEMA	Tubular Exchanger Manufacturers Association
TENR	technologically enhanced naturally radioactive
TENRAP	technologically enhanced naturally radioactive product
TEP	Tyrone Energy Park
TER	technical evaluation report
TER	technical exchange report
TES	Teledyne Engineering Services
TFANP	Task Force Against Nuclear Pollution
TFC	thermal fatigue crack



# T

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TFE	thermionic fuel element
TFE	thin film evaporator
TFS	turbine first stage
TFTR	tokamak fusion test reactor
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
TGSCC	transgranular stress-corrosion cracking
TGSS	turbine gland sealing system
TGV	turbine governor valve
T/H	thermal and hydraulic
THCS	temperature of hot-channel sodium
THERP	technique for human error rate prediction
THL	top or heated length
THM	time history model
THTF	thermal hydraulic test facility
THTR	thorium high-temperature reactor
TI	temperature indicator
TI	temporary instruction
TI	test instruction
TI	transport index
TIA	task interface agreement
TIBB	Tecnomasio Italiano Brown Boveri, SpA (Italy)
TIC	Technical Information Center
TIC	temperature-indicating controller
TID	technical report designation for the U.S. Atomic Energy Commission
TID	total integrated dose
TIF	task initiation force
TIF	task initiation form
TIG	tungsten inert gas
TIP	tactical improvement package
TIP	transient in-core probe
TIP	traveling in-core probe

TIP	traversing in-core probe
TIRGALEX	Technical Integration Review Group for Aging and Life Extension
TIS	temperature-indicating switch
TL	task leader
TL	test load
TL	truck lock
TLA	thin layer activation
TLD	thermoluminescent dosimeter
TLEC	Texas-Louisiana Electric Cooperative
TLLM	temperature and liquid level monitor
TLO	turbine lube oil
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
TMPA	Texas Municipal Power Agency
TMR	Teledyne Materials Research
TNA	thermal neutron activation
TNE	TUEC (Texas Utilities Electric Co.) nuclear engineering
TNP	Trojan Nuclear Plant
TNPG	The Nuclear Power Group (United Kingdom)
TNT	trinitrotoluene



# T

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TOED	Toledo Edison Co.
TOL	temporary operating license
TOL	thermal overload
TOP	thermal overload protection
TOP	transient overpower
TOPO	trip on low phosphine oxide
TOPR	Taiwan Open-Pool Reactor
TOS	torque overload switch
TOSS	transient and/or steady state
TP	technical position
TP	test pressure
TP	test procedure
TP	test program
TPC	Taiwan Power Company
TPD	test procedure deviation
TPF	total peaking factor
TPFL	two-phase flow loop
TPM	thermal power monitor
TPPEP	Turkey Point Performance Enforcement Program
TPS	Turkey Point Station
TPSS	turbine plant sampling system
TPTF	two-phase test facility
TQM	total quality management
TR	technical review
TR	temperature recorder
TR	topical report
TR	tritium recovery
TR	Turkish Reactor
TRA	tubular reactor assembly
TRB	test review board
TRC	technical review committee
TRC	The Radiochemical Centre (United Kingdom)
TRE	total rare earths
TREAT	transient reactor test
TRIA	temperature-removable instrument assembly
TRIGA	training reactor and isotopes production, General Atomics
TRIM	targeted regulatory improvement

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TRIP	transient response implementing procedure
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
TRTR	training, research, and test reactor
TRU	transuranic
TRU	transuranium
TRUWIP	Transuranic Waste Immobilization Program
TRX	two-region physics critical experiment
TS	technical specification
TS	test specification
TS	treatment system
TSA	tube support assembly
TSABC	technical services as-built coordinator
TSC	technical support center
TSC	test shipping cask
TSCC	Technical Support Coordinating Committee
TSCF	task schedule change form
TSDR	technical services design review
TSF	tower shield facility
TSF	tower shielding facility
TSH	temperature switch, high
TSIP	Technical Specifications Improvement Program
TSIR	technical specifications interpretation report
TSM	temporary station modification
TSMD	technical services mechanical drafting
TSMDA	test section meltdown accident
TSO	time-sharing option
TSOP	Technical Specifications Optimization Program
TSP	trisodium phosphate
TSP	tube support plate
TSR	thermal shock rig
TSR	total stress range

# T

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TSR	tower shielding reactor
TSRG	Technical Specifications Review Group
TSSC	Toxic Substances Strategy Committee
TSV	turbine stop valve
TSW	turbine service water
TT	temperature transmitter
TT	test temperature
TT	turbine trip
TTA	thetyltrifluoroacetone
TTBT	Threshold Test Ban Treaty
TTC	Technical Training Center
TTC	test transfer cask
TTC	Transportation Technology Center
TTE	thermal transient equipment
TTF	transient time flowmeter
TTFM	transit time flowmeter
TTHE	thermal transient histogram equivalent
TTP	technology transfer program
TTP	test transfer port
TTQAP	teletherapy treatment quality assurance program
TTR	thermal test reactor
TTR	time to repair
TTS	telecommunications tracking system
TTS	time-temperature sensitization
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
TUS	Texas Utilities Services Inc.
TUSI	Texas Utilities Services Inc.
TUV	Technischer Überwachungsverein, e.V. (Germany)
TVA	Tennessee Valley Authority
TVG	time-variable gain
TVO	Teollisuuden Voima Osakeyhtio (Finland)
TVR	Tennessee Valley region

TWC	Texas Water Commission
TWG	test working group
TWX	teletypewriter exchange service
TZM	tantalum, zirconium, molybdenum



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UAP	uranyl ammonium phosphate
UAT	unit auxiliary transformer
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
UCO	uranium oxycarbide fuel
UCS	Union of Concerned Scientists
UDI	Utility Data Institute
UDRPS	ultrasonic data recording and processing system
UDS	ultimate damage state
UDT	underwater demolition team
UE	Union Electric Co.
UEC	United Engineers and Constructors, Inc.
UE&C	United Engineers and Constructors, Inc.
UEF	upper end fitting
UEL	upper electrical limit
UF	urea-formaldehyde
UFCS	uranium hexafluoride chemical feed station
UFFC	ultrasonic ferroelectrics and frequency control
UFL	upper flammability limit
UFM	unified fracture mechanics
UFR	uranium hexafluoride recovery room
UFSAR	updated final safety analysis report
UFTR	University of Florida Teaching Reactor
UGS	upper group stop
UGS	upper guide structure
UHF	ultrahigh frequency
UHI	upper-head injection
UHN	uranyl hexahydrate nitrate
UHS	ultimate heat sink
UHS	ultrahigh speed

# U

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UHTREX	ultrahigh temperature reactor experiment
UHV	ultrahigh voltage
UI	United Illuminating Co.
UIS	upper internals structure
JISJM	upper internals structure jacking mechanism
U.K.	United Kingdom
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
UMTRA	uranium mill tailings remedial action
UMTRAP	Uranium Mill Tailings Remedial Action Program
UMTRCA	Uranium Mill Tailings Radiation Control Act
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.
UNPEDE	International Union of Producers and Distributors of Electrical Energy
UNIT	United Illuminating Co.
UNPOC	Utility Nuclear Power Oversight Committee
UNSCEAR	United Nations Scientific Committee on the Effects of Atomic Radiation
UNWMG	Utility Nuclear Waste Management Group
UO	unit operator
UOGF	uranium off-gas filter
UOP	unit operating procedure
UOR	upper oil reservoir
UPI	upper plenum injection
UPL	uranium product loadout
UPL	Utah Power & Light Co.



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 (Germany)
UPTPS	upper plenum thermal protection structure
UR	user requirement
URA	Universities Research Association
URA	uranium recycle acid
URAEP	University of Rochester Atomic Energy Project
URC	ultrasonic resin cleaner
URD	underground residential distribution
URFO	uranium recovery field office
URFO	uranium recovery field officer
URG	unit review group
URI	unresolved item
USA	upper-shelf analysis/analyses
USAEC	U.S. Atomic Energy Commission
USAR	updated safety analysis report
USAS	United States of America Standards
USASI	United States of America Standards Institute
USBR	U.S. Bureau of Reclamation
U.S.C.	U.S. Code
USCEA	U.S. Committee for Energy Awareness
USCG	U.S. Coast Guard
USC&GS	U.S. Coast and Geodetic Survey
USDA	U.S. Department of Agriculture
USE	upper-shelf energy
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
USPHS	U.S. Public Health Service
USQ	unreviewed safety question
USQD	unresolved safety question determination



# U

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UST	United States Testing Co
USWB	U.S. Weather Bureau
UT	ultrasonic test
UT	ultrasonic testing
UT	universal time
U/Th	uranium-to-thorium ratio
UT/ISI	ultrasonic inservice inspection
UTM	universal transverse Mercator
UTP	upper tie plate
UTR	university training reactor
UTRR	University of Teheran Research Reactor
UTS	upper tube sheet
UU	ultimate user
UV	undervoltage
UVAR	University of Virginia Reactor
UVR	University of Virginia Reactor
UVSC	uranium ventilation scrubber cell
UVTA	undervoltage trip attachment
UWRR	University of Wyoming Research Reactor
UWTR	University of Washington Training Reactor

# V

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V%	volume percent
VA	vital area
Vac	volts alternating current
VAK	Versuchsatomkraftwerk Kahl (Germany)
VAN	value-added network
VANS	vehicular alert and notification system
VBMR	ventilation barrier machine room
VBWR	Vallecitos Boiling Water Reactor
VC	vaporizer concentrate
VCD	vendor-certified drawing
VCLF	vertical cask-lifting fixture
VCM	vinyl chloride monomer
VCT	volume control tank
VDA	video graphics adapter
VDC	ventilation duct chase
Vdc	volts direct current
VDEW	Vereinigung Deutscher Elektrizitätswerke (Germany)
VD/OS	vacuum distillation/overflow sampler
VDS	vacuum defueling system
VDTUV	Vereinigung der Technischen Überwachungs-Vereine, e.V. (Germany)
VE	Vitro Engineering
VEC	vertical electrical chase
VEPCO	Virginia Electric and Power Co.
VESIA	Vela Seismic Information and Analysis Center
VESR	Vallecitos Experimental Superheat Reactor
VF	vaporizer feed
VFTP	ventilation filter testing program
VGCH	vent gas collection header
VGES	variable geometry experimental system
VHES	Vitro Hanford Engineering Service
VHF	very high frequency
VHPT	variable high-power trip
VHTR	very high temperature reactor

# V

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VI	vent isolation
VIA	value-impact analysis/analyses
VIMS	Virginia Institute of Marine Science
VIRG	Vessel Integrity Review Group
VIV	variable inlet vane
VNSP	vacant nozzle shield plug
VOG	vessel off-gas
VOT	valve opening time
VJTA	vibration open test assembly
VOTES	valve operation test and evaluation system
VP	Alvin W. Vogtle, Jr., Plant
VP	vent-clearing pressure
VPI	vapor phase inhibitor
VQAR	vendor quality assurance representative
VR	volume reduction
VRS	vacuum relief system
VRS	volume reduction system
VS	vapor suppression
VS	vendor specific
VS	vessel system
VS	virtual storage
VSE	vessel steam explosion
VSLO	valve stem leakoff
VSNS	Virgil C. Summer Nuclear Station
VSR	Vallecitos Superheat Reactor
VSR	vertical slice review
VSS	vessel support subsystem
VST	valve set point tolerance
VT	vehicular technology
VTEC	Vermont Electric Cooperative, Inc.
VTEP	Vermont Electric Power Co., Inc.
VTO	vital to operations
VTT	Valtion Teknillinen Tutkimuskeskus (Finland)
V&V	verification and validation
VWAC	visual weld acceptance criterion/criteria
VWE	vanadium wire equilibration
VWED	vanadium wire equilibration device

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VWI	visual weld inspection
VWI	visual weld inspector
VWO	valve wide open
VYGS	Vermont Yankee Generating Station
VY NP	Vermont Yankee Nuclear Power Corp.

# W

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<u>W</u>	Westinghouse Electric Corp.
w%	weight percent
WAGR	Windscale Advanced Gas-Cooled Reactor (United Kingdom)
<u>W</u> -AL	Westinghouse-Astronuclear Laboratory
WAN	wide-area network
WANO	World Association of Nuclear Operators
<u>W</u> APD	Westinghouse Atomic Power Division
WAPPA	waste package performance assessment
<u>W</u> -ARD	Westinghouse Advanced Reactors Division
WASI	workforce analysis, systems, and information
WB	whole body
WBEP	Watts Bar Engineering Project
WBNP	Watts Bar Nuclear Plant
WBNPP	Watts Bar Nuclear Performance Plan
WBNS	water-boiler neutron source
WBPP	Watts Bar Program Plan
WBPT	Watts Bar Program Team
WBS	work breakdown structure
WC	weather condition
WCA	whole-core accident
<u>W</u> CAP	Westinghouse commercial atomic power
WCF	waste-calcinating facility
WCGS	Wolf Creek Generating Station
<u>W</u> CL	Westinghouse Canada Limited
WCNOC	Wolf Creek Nuclear Operating Corp.
WCS	waste compaction station
WD	waste disposal
WD	withdrawn
WDC	waste disposal cask
WDC	weld data card
WDS	waste disposal system
<u>W</u> DTRS	Westinghouse development test requirement specification
WEC	Wolverine Electric Cooperative

# W

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WECAN	Westinghouse Electric computer analysis/analyses
WECST	waste evaporator condensate storage tank
WECT	waste evaporator condensate tank
WEP	water-extended polyester
WEP	weld evaluation project
WEPC	Wisconsin Electric Power Co.
WESF	waste encapsulation storage facility
WESI	Westinghouse Energy Systems International (formerly WNI Nuclear)
WFMC	welding filler: material control
WFML	weld filler metal log
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
WHEDL	Westinghouse-Hanford Environmental Development Laboratory
WHO	World Health Organization
WHT	waste holdup tank
WIEB	Western Interstate Energy Board
WIEP	Wisconsin Electric Power Co.
WINB	Western Interstate Nuclear Board
WIPP	waste isolation pilot plant
WIR	weekly information report
WISE	World Information Service on Energy
WISHA	Washington Industrial Safety and Health Act
WISP	workload information and scheduling program
WITS	work item tracking system
WLM	working-level month
WMEC	Western Massachusetts Electric Co.
WMM	wall-mounted manipulator
WMNS	William B. McGuire Nuclear Station
WMO	World Meteorological Organization
WMPC	Wisconsin Michigan Power Co.



WMS	waste management system
WMS	work management system
WMT	waste management tank
WNES	Westinghouse nuclear energy 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
WO	work order
WOFA	Westinghouse optimized fuel assembly
WOG	Westinghouse Owners Group
WOR	weld overlay repair
WP	warm pipe
WP	welding procedure
WP	welding project
WP	work package
WP	work procedure
WPB	waste processing building
WPBCWS	waste processing building chilled water system
WPC	Werner and Pfleiderer Corp.
WPCB	Waste Processing Control Board
WPLC	Wisconsin Power & Light Co.
WPPSS	Washington Public Power Supply System
WPQR	welding procedure qualification record
WPS	warm prestressing
WPS	waste processing system
WPS	welding procedure specification
WPSC	Wisconsin Public Service Corp.
WQC	water quality certification
WR	Whiteshell Reactor (Canada)
WR	wide range
WR	work request
WRAP	water reactor analysis program
WRC	Welding Research Council
WRGM	wide-range gas monitor
WRM	wide-range monitor

# W

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WRM	working reference material
<u>W</u> -RM	Westinghouse--Reactor Manufacturer
WRRR	Walter Reed Research Reactor
WRSR	water reactor safety research
WRT	with respect to
WS	warm shop
WSA	work situation approach
WSCC	Western Systems Coordinating Council
WSCS	waste solidification and compaction station
WSD	working stress design
WSF	waste shipping facility
WSUOPR	Washington State University Open-Pool Reactor
WT	wall thickness
WTF	waste treatment facility
WTP	water treatment plant
<u>W</u> TR	Westinghouse Test Reactor
WVN	water vapor nitrogen
WW	well water
W:WPC	Washington Water Power Co.
WWS	well water system
WWTF	waste water treatment facility

# X

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XLPE	cross-linked polyethylene
XR	export reactor
XRF	explosion release factor
XRF	x-ray fluorescence

# Y

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

# Z

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ZEA	zero energy assembly
ZEEP	Zero Energy Experimental Pile (Canada)
ZEPHYR	zero energy fast reactor
ZES	zero energy system
ZETA	Zero Energy Thermonuclear Apparatus (United Kingdom)
ZETA	zero energy thermonuclear assembly
ZETR	Zero Energy Thermal Reactor (United Kingdom)
ZEUS	Zero Energy Uranium System (United Kingdom)
ZGS	zero gradient synchrotron
ZIP	zone improvement plan
ZNP	Zion Nuclear Plant
ZPA	zero period acceleration
ZPMB	zero power mode bypass
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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