

REP & Ingestion Pathway Acronym Guide

Meaning	
A	
AC	Alternating Current
ACP	Access Control Point
ALARA	As Low As Reasonably Achievable
AMS	Aerial Measuring System (DOE) (FRMAC)
ANI	American Nuclear Insurers
ANL	Argonne National Laboratory
ANS	Alert and Notification System
ARC	American Red Cross
ARES	Amateur Radio Emergency Services
ARG	Accident Response Group (DOE)
α	Alpha Particle
B	
B	Beta Particle
B ⁺	B ⁺ Particle (positron)
B ⁻	B ⁻ Particle (electron)
Bq	Becquerel
BWR	Boiling Water Reactor
C	
CAP	Corrective Action Program (HSEEP)
CDC	Centers for Disease Control and Prevention
CDE	Committed Dose Equivalent
CERFP	CBRN Enhanced Response Force Package
CFR	Code of Federal Regulations
Ci	Curie
CPG	Comprehensive Preparedness Guide
CPM	Counts Per Minute (Contamination Monitoring)
CRCPD	Conference of Radiation Control Program Directors
Cs	Cesium
CSTs	Civil Support Teams
D	
DECON	Decontamination
DHHS	U.S. Department of Health and Human Services (HHS)
DHS	U.S. Department of Homeland Security
DHHS, DPH, ORH	Nebraska Department of Health and Human Services, Division of Public Health, Office of Radiological Health
DIL	Derived Intervention Level
DPM	Disintegrations Per Minute
DPS	Disintegrations Per Second
DRD	Direct-Reading Dosimeter
DRL	Derived Response Levels

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Meaning	
<u>E</u>	
EAEZ	Exclusion Area/Exclusion Zone
EAB	Exclusion Area Boundary
EAL	Emergency Action Level (Plant)
EAS	Emergency Alert System
ECL	Emergency Classification Level (OROs)
EDE	Effective Dose Equivalent
EOC	Emergency Operations Center (State or local government)
EOF	Emergency Operations Facility (utility)
EOP	Extent of Play Letter (For evaluated Exercises)
EP	Emergency Preparedness (Plant Term)
EPA	U. S. Environmental Protection Agency
EPD	Electronic Personnel Dosimeter
EPIPs	Emergency Plan Implementing Procedures
EPZ	Emergency Planning Zone (10-Mile & 50-Mile)
ERA	Emergency Radiation Area
ERC	Emergency Response Coordinator
ERT	Emergency Response Team
ERT-A	Emergency Response Team – Advance
ESF	Emergency Support Function
ETE	Evacuation Time Estimate
EWDC	Emergency Worker Decon Center
<u>F</u>	
FAA	Federal Aviation Administration
FBI	Federal Bureau of Investigation
FCC	U.S. Federal Communications Commission
FCO	Federal Coordinating Officer
FCP	Field/Forward Command Post
FDA	U.S. Food and Drug Administration
FEMA	Federal Emergency Management Agency
FMT	Field Monitoring Team
FNF	Fixed Nuclear Facility
FOC	Forward Operations Center
FRMAC	Federal Radiological Monitoring and Assessment Center
FTC	Field Team Coordinator
FTS	Federal Telecommunications System
<u>G</u>	
γ	Gamma ray (photon)

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<u>G</u> (Continued)	Meaning
GAR	Governor's Authorized Representative (Leads overall state response system)
GE	General Emergency
GIS	Geographic Information System
GM-T	Geiger-Mueller Technology
GSA	U.S. General Services Administration
Gy	Gray
<u>H</u>	
HAB	Hostile Action-Based (Security Event)
HAZMAT	Hazardous Materials
HEPA	High-Efficiency Particulate Are (as in HEPA filters)
HF	High Frequency
HP	Health Physicist
HSEEP	Homeland Security Exercise and Evaluation Program
HSPD	Homeland Security Presidential Directive
HUD	U.S. Department of Housing and Urban Development
<u>I</u>	
IAEA	International Atomic Energy Agency
ICP	Incident Command Post
ICS	Incident Command System
IDLH	Immediately Dangerous to Life or Health
IEP	Ingestion Exposure Pathway
IMAAC	Interagency Modeling & Atmospheric Assessment Center
INL	Idaho National Laboratory
IPZ	Ingestion Pathway Zone (50-Mile)
IWP	Initial Warning Point
<u>J</u>	
JIC	Joint Information Center
JIS	Joint Information System
JOC	Joint Operations Center
<u>K</u>	
KI	Potassium Iodide
kV	Kilovolt
kW	Kilowatt
kWh	Kilowatt Hour
<u>L</u>	
LANL	Los Alamos National Laboratory
LAO	Lead Agency Official
Ld	Lethal Dose
LD 50/30	Lethal Dose – 50%
LEOP	Local Emergency Operation Plan
LEPC	Local Emergency Planning Committee
LERN	Law Enforcement Radio Net
LLEO	Lead Law Enforcement Official
LFA	Lead Federal Agency

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<u>L</u> (Continued)	Meaning
LLNL	Lawrence Livermore National Laboratory
LOA	Letter of Agreement
LOCA	Loss of Coolant Accident
LOFR	Liaison Officer
LOU	Letter of Understanding
<u>M</u>	
MAC	Monitoring and Analysis Coordinator
MAELU	Mutual Atomic Energy Liability Underwriters
MERRT	Medical Emergency Radiological Response Team
MERS	Mobile Emergency Response Support
MET/MET Data	Meteorological/Metrological Data
MHz	Megahertz
MOA	Memorandum of Agreement
MOU	Memorandum of Understanding
MPC	Maximum Permissible Concentration
mph	Miles Per Hour
mR	Milliroentgen/millirem
mR/h	Milliroentgen per Hour
mR	Millirem
MRV	Mobile Response Vehicle
MW	Megawatt Hour
μ	Micro (SI prefix 10 ⁻⁶)
μR	Micro Roentgen
<u>N</u>	
NARAC	National Atmospheric Release Advisory Center
NAWAS	National Warning System
NDA	National Defense Area
NEI	Nuclear Energy Institute
NEMA	National Emergency Management Agency
NEMA	Nebraska Emergency Management Agency
NEP	National Exercise Program
NEST	Nuclear Emergency Support Team
NETC	National Emergency Training Center (FEMA)
NFPA	National Fire Protection Association
NGO	Non-Governmental Organization
NIFC	National Interagency Fire Center
NIMS	National Incident Management System
NIRT	Nuclear Incident Response Team
NIOSH	U.S. National Institute for Occupational Safety and Health
NIST	U.S. National Institute of Standards & Technology (formerly National Bureau of Standards [NBS])
NOAA	U.S. National Oceanic and Atmospheric Administration
NPD	National Preparedness Directorate
NPP	Nuclear Power Plant
NPPD	Nebraska Public Power District
NRC	U.S. Nuclear Regulatory Commission
NRF	National Response Framework

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N (Continued)	
NRIA	Nuclear/Radiological Incident Annex
NRT	National Response Team
NSA	National Security Area
NTS	Nevada Test Site
NTSB	U.S. National Transportation Safety Board
NUREG	Nuclear Regulation (NRC Documents Reference)
NUREG 0654	NUREG-0654/FEMA REP-1, Revision 1, Criteria for Preparation and Evaluation of Radiological Emergency Response Plans and Preparedness in Support of Nuclear Power Plants, November 1980 (a.k.a. NUREG – 0654/FEMA REP-1 Rev.2) (REP Program Foundation Document)
NWS	National Weather Service
<u>O</u>	
OEM	Office of Emergency Management
OMB	Office of Management and Budget
OPPD	Omaha Public Power District
ORIA	Office of Radiation and Indoor Air (EPA)
ORNL	Oak Ridge National Laboratory
ORO	Offsite Response Organization
OSC	Operational Support Center
OSHA	U.S. Occupational Safety and Health Administration
OSL	Optically Stimulated Luminescent (Gold Standard-Lab Read)
<u>P</u>	
PAD	Protective Action Decision (GAR-State/Senior Elected Official-Local for initial response, fast breakers/rapidly escalating events)
PAG	Protective Action Guidelines (EPA Guidance)
PAR	Protective Action Recommendation (GAR-State/Senior Elected Official-Local for initial response, fast breakers/rapidly escalating events)
PHS	Public Health Service
PIO	Public Information Officer
PKEMRA	Post-Katrina Emergency Management Reform Act
PL	Public Law
PPE	Personal Protective Equipment
PRD	Permanent Record Dosimeter
PWR	Pressure Water Reactor
ppm	Parts Per Million
Pu	Plutonium
§	Symbol for Part
<u>Q</u>	
Q	Release rate of Activity
Q _i	Isotopic Release Rate
Q _T	Total Activity Released
<u>R</u>	
R	Roentgen
R/h	Roentgen Per Hour
Ra	Radium
RA	Regional Administrator
RAC	Regional Assistance Committee (FEMA Regions)
RAC AC	Regional Assistance Committee Advisory Council
RACES	Radio Amateur Civil Emergency Services
RAD	Radiation Absorbed Dose

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<u>R</u>(Continued)	Meaning
RADLAB	Radiological Laboratory
RAM	Radiological Material
RAP	Radiological Assistance Program
RASCAL	Radiological Assessment System for Consequence Analysis
RCC/CRC	Reception and Care Center/Community Reception Center
RCS	Reactor Coolant System
REA	Radioactive Emergency Area (Hospitals/First-Receiver Areas)
REAC/TS	Radiation Emergency Assistance Center/Training Site
REM	Roentgen Equivalent man/mammal
REP	Radiological Emergency Preparedness
RERO	Radiological Emergency Response Operations
RERP	Radiological Emergency Response Plan
RERT	Radiological Emergency Response Team
R/h	Roentgens per Hour
RMT	Radiological Monitoring Team
RO	Radiological Officer
ROSS	Radiological Operations Support Specialist (FEMA Capability)
RX	Reactor
<u>S</u>	
SAE	Site Area Emergency
SAR	Search and Rescue
SARA	Superfund Amendments and Reauthorization Act of 1986
SAV	Staff Assistance Visit
SBA	U.S. Small Business Administration
SCBA	Self-Contained Breathing Apparatus
SCO	State Coordinating Officer
SEOC	State Emergency Operations Center
SFO	Senior FEMA Official (FRERP)
SME	Subject Matter Expert
SOG	Standard Operating Guide
SOP	Standard Operating Procedure
Sr	Strontium
Sv	Sievert
<u>T</u>	
TCL	Targeting Capabilities List
TCP	Traffic Control Point
TEDE	Total Effective Dose Equivalent
THU	Technological Hazards Unit (NEMA)
THD	Technological Hazards Division (FEMA)
TLD	Thermoluminescent Dosimeter
TMI	Three Mile Island Nuclear Generating Station
TSC	Technical Support Center
TTX	Tabletop Exercise

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<u>U</u>	Meaning
U	Uranium
UE	Unusual Event
UHF	Ultra-High Frequency
USAR	Urban Search and Rescue
USACE	U.S. Army Corps of Engineers
USC	United State Code
USCG	U.S. Coast Guard
USDA	U.S. Department of Agriculture
<u>V</u>	
V	Volt
VA	U.S. Veterans Administration
VFD	Volunteer Fire Department
VHF	Very High Frequency
<u>W</u>	
W	Watt
WP	Warning Point
<u>Y</u>	
yd	Yard
<u>Z</u>	
Z	Atomic Number
Zr	Zirconium