

Abbreviations and Acronyms

A

AAL	Activation Analysis Laboratory, Fermilab
ACBM	Asbestos Containing Building Material
ACE	Army Corp of Engineers
ACGIH	American Conference of Governmental Industrial Hygiene
AD	Accelerator Division, Fermilab
AE	Acceptable Exposures
AED	Automated External Defibrillator
AEL	Accessible Emission Limit
AHERA	Asbestos Hazard Emergency Response Act
AIHA	American Industrial Hygiene Association
AL	Action Level-Air
ALARA	As Low As Reasonably Achievable (Radiation doses)
ALR	Air-line Respiration
ALS	Action Level-Surface
ANSI	American National Standards Institute
APF	Assigned Protection Factor
AREC	Anticipation Recognition Evaluation Control
ASERs	Annual Site Environmental Reports
ASHARA	Asbestos School Hazard Abatement Reauthorization Act
ASME	American Society of Mechanical Engineers
ASO	Accelerator Safety Order
ASTM	American Society for Testing and Materials

B

BAT	Best Available Technology
BAO	DOE Batavia Area Office
BETX	Benzene, Ethylbenzene, Toluene and Xylene
BMP	Best Management Practice
BMPF	Best Management Practice Finding
BOD	Biological Oxygen Demand
BSS	Business Services Section
BWG	Booster West Gallery

C

CAA	Clean Air Act
CAAA	Clean Air Act Amendments
CAIRS	Computerized Accident Incident Reporting System
CAMEO	Computer Aided Management of Emergency Operations
CAS	Chemical Abstracts Service
CC	Construction Coordinator
CD	Computing Division, Fermilab
CDF	Collider Detector at Fermilab (B0 interaction region)

Abbreviations and Acronyms

CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act
CF	Compliance Finding
CFCs	Chlorofluorocarbons
CFR	Code of Federal Regulations
CH	DOE Chicago Field Office
COB	Close of Business
COD	Chemical Oxygen Demand
COO	Conduct of Operations; Chief Operating Officer
CPL	Cavity Processing Lab
CPR	Cardiopulmonary Resuscitation
CRAD	Criteria Review & Approval Document
CS	Computing Sector
CUB	Central Utility Building
CX	Categorical exclusion
CY	Calendar year

D

D&D	Decontamination and Decommissioning
D0	Collider Detector at D0 interaction region
DB	Dry Bulb (air) temperature
DCG	Derived Concentration Guides
DI	De-Ionized (water)
DMR	Discharge Monitoring Report
DOE	Department of Energy
DOI	Department of Interior
DOT	Department of Transportation

E

EA	Environmental Assessment
EAG	Employee Advisory Group
EAL	Emergency Action Level
EAP	Employee Assistance Program
ECT	Equivalent Chill Temperature
EE	Environmental Evaluation
EENF	Environmental Evaluation Notification Form
EEOICPA	Energy Employees Occupational Illness Compensation Program Act
EERAP	Environmental Emergency and Remedial Action Plan
EHS	DOE Office of Environment, Safety and Health and Security
EIS	Environmental Impact Statement
EIS/ODIS Effluent	Information System/Offsite Discharge and Information System
ELSA	Emergency Life Support Apparatus
ELSI	End of Service Life Indicator
EM	DOE Office of Environmental Restoration and Waste Management
EML	Environmental Measurements Laboratory

Abbreviations and Acronyms

EMP	Environmental Monitoring Plan/Program
EMS	Emergency Management System
EMT	Emergency Medical Technician
EO	Environmental Officer
EOC	Emergency Operations Center
EP	ESH&Q Section Environmental Protection group, Fermilab
EPA	Environmental Protection Agency, U.S.
EPCRA	Emergency Planning and Community Right-To-Know Act of 1986
EPHS	Emergency Planning Hazards Survey
EPP	Emergency Preparedness Plan
EPPM	Emergency Protection Procedures Manual
EPZ	Emergency Planning Zone
ER	DOE Office of Energy Research
ERO	Emergency Response Organization
ERP	Emergency Response Plan
ERPG	Emergency Response Planning Guidelines
ERWM	Environmental Restoration and Waste Management
ESA	Endangered Species Act
ESH&Q	Environment, Safety Health & Quality Section, Fermilab
ESHD	DOE Chicago Field Office ES&H Division
ESH&Q EP	ES&H Section Environmental Protection group, Fermilab
ESLI	End of Service Life Indicator

F

FCSA	Fermilab Committee on Staff Appointments
FDA	Food and Drug Administration
Fermilab	Fermi National Accelerator Laboratory
FermilabToday	Fermilab newsletter
FESHM	Fermilab ES&H Manual
FESS	Facilities Engineering Services Section, Fermilab
FIFRA	Federal Insecticide, Fungicide and Rodenticide Act
FMD	Fermilab Medical Department
FNAL	(See Fermilab)
FONSI	Finding of No Significant Impact
FP	Fire Protection
FPEL	Fermilab Prescribed Exposure Limit
FQAP	Fermilab Quality Assurance Program
FRA	Fermi Research Alliance
FRCM	Fermilab Radiological Control Manual
FSO	Fermilab Site Office
FWS	Fish and Wildlife Service
FY	Fiscal year

Abbreviations and Acronyms

G

GFCI	Ground Fault Circuit Interrupter
GHG	Greenhouse Gas
GINA	Genetic Information Nondiscrimination Act of 2008
GPMP	Groundwater Protection Management Plan
GPP	General Plant Project
GT	Global Temperature
GW	Groundwater
GWP	Global Warming Potential

H

HAP	Hazardous Air Pollutant
HAZCOM	Hazard Communication
HAZWOPER	Hazardous Waste Operations and Emergency Response
HCCT	Hazard Control Technology Team
HCFC	Hydrochlorofluorocarbon
HCP	Hearing Conservation Program
HEPA	High Efficiency Particulate Air
HFL	Hydrofluorocarbon
HIPAA	Health Insurance Portability and Accountability Act of 1996
HPI	Human Performance Improvement
HSWA	Hazardous and Solid Waste Amendments
HWSF	Hazardous Waste Storage Facility

I

I&M	Inspection and Maintenance
IAC	Illinois Administrative Code
IARC	International Agency for Research on Cancer
IARC	Illinois Accelerator Research Center
ICB	Industrial Center Building
ICNIRP	International Commission on Non-Ionizing Radiation Protection
ICW	Industrial Cooling Water
IDLH	Immediately Dangerous to Life/Health concentration
IDPH	Illinois Department of Public Health
IEPA	Illinois Environmental Protection Agency
IH	Industrial Hygiene
IPCB	Illinois Pollution Control Board
IR	Infrared
ITNA	Individual Training Needs Assessment
IUPAC	International Union of Pure and Applied Chemistry
IWS	Inactive Waste Sites

Abbreviations and Acronyms

J

JHA	Job Hazard Analysis
JSA	Job Safety Analysis

L

LCW	Low Conductivity Water
LD	Lethal Dose
LED	Light-Emitting Diode
LEL	Lower Explosive Limit
LEPC	Local Emergency Planning Committee
LOI	Lines of Inquiry
LOI	Letters of Intent
LOTO	Lockout/Tagout
LSC	Laboratory Safety Committee, Fermilab
LSO	Laser Safety Officer
LSR	Laser Safety Representative
LTD	Long Term Disability

M

M&O	Management and Operations
M&S	Materials and Services
MCS	Musculoskeletal Disorders
MERL	Mobile Environmental Radiation Laboratory, Fermilab
MI	Main Injector
MIL-STD	Military Standard
MMP	Meteorological Monitoring Program
MOA	Memorandum of Agreement
MOU	Memorandum of Understanding
MPE	Maximum Permissible Exposure
MSDS	Material Safety Data Sheet
MSHA	Mine Safety and Health Administration
MTE	Measuring and Test Equipment
MTS	Machine Tool Safety

N

NCDC	National Climatic Data Center
NCP	National Contingency Plan
NCRP	National Commission of Radiation Protection and Measurements
NEC	National Electric Code
NEPA	National Environmental Policy Act
NERP	National Environmental Research Park
NESHAP	National Emission Standards for Hazardous Air Pollutants

Abbreviations and Acronyms

NFPA	National Fire Protection Association
NHPA	National Historic Preservation Act
NHZ	Nominal Hazard Zone
NIOSH	National Institute for Occupational Safety and Health
NIST	National Institute of Standards and Technology
NOAA	National Oceanic and Atmospheric Administration
NPDES	National Pollutant Discharge Elimination System
NPL	National Priorities List
NTP	National Toxicology Program
NWB	Natural Web Bulb Temperature

O

O&M	Operations and Maintenance
ODH	Oxygen Deficiency Hazard
ODIS	Onsite Discharge Information System
ODP	Ozone Depleting Potential
ODS	Ozone Depleting Substance
OII	Occupational Injury/Illness
OJT	On the Job Training
OR	Occurrence Report
ORC	Operational Readiness Clearance
ORISE	Oak Ridge Institute for Science and Education
ORPS	Occurrence Reporting and Processing System
OSHA	Occupational Safety and Health Act/Administration
OSL	Optical Luminescence Dosimeter

P

P&T	Packaging and Transportation
PA	Preliminary Assessment
PCB	Polychlorinated Biphenyl
PEL	Permissible Exposure Limit
PFX	Procedures for Experimenters
PII	Personally Identifiable Information
PLHCP	Physician or Other Licensed Health Care Professional
PPE	Personal Protective Equipment
PPO	Program Planning Office
PSO	Program Secretarial Officer

Q

QA	Quality Assurance
QAC	Quality Assurance Subcommittee
QAP	Quality Assurance Program
QC	Quality Control

Abbreviations and Acronyms

R

Railhead	Site outdoor storage incl. Radiation Storage Bldg.
RCRA	Resource Conservation and Recovery Act
RFA	RCRA Facility Assessment
RFI	RCRA Facility Investigation
RM	Refrigerant Manager
RMMA	Radioactive Material Management Area
ROSS	Registration of Smaller Sources
RPCF	Radiation Physics Calibration Facility
RPM	Risk-based Priority Model
RRAs	Responsibilities, Roles and Authorities
RRP	Renovation Repair and Painting
RSO	Radiation Safety Officer
SRSO	Senior Radiation Safety Officer

S

SA	Self-Assessment
SAA	Satellite Accumulation Area
SAD	Safety Assessment Document (sometimes called Safety Analysis Document)
SAP	Self-Assessment Program
SAPP	Self-Assessment Program Plan
SAR	Supplied Air Respirator
SARA	Superfund Amendments and Reauthorization Act
SC	Service Coordinator
SCI	Director of the DOE Office of Science
SCBA	Self-Contained Breathing Apparatus
SDS	Safety Data Sheet
SDWA	Safe Drinking Water Act
SI	International System of Units
SLAMs	State and Local Air Monitoring Stations
SOMD	Site Occupational Medical Director
SOP	Standard Operating Procedures
SPCC	Spill Prevention Control and Countermeasures
SQIP	Specific Quality Implementation Plan
SRP	Single Responsible Party
SRSAR	Self-Rescue Atmosphere Respirator
SRSO	Senior Radon Safety Officer
SSB	Soil, Sediments and Biota
SSO	Senior Safety Officer
STEL	Short-term Exposure Limit
STS	Standard Threshold Shift
SW	Surface Water
SWMU	Solid Waste Management Unit

Abbreviations and Acronyms

SWPF	Simulated Workplace Protection Factor
SWPPP	Storm Water Pollution Prevention Plan
T	
TCM	Toxic and Chemical Materials
Tiger Team	DOE Independent Assessment (Fermilab May 11,1992 to June 8,1992)
TLD	Thermoluminescent Dosimeter
TLV	Threshold Limit Value
TM	Task Manager
TRI	Toxic Release Inventory (or Chemical Toxic Release Inventory)
TSA	Technical Safety Appraisal
TSCA	Toxic Substances Control Act
TSI	Technical Site Information
TSW	Technical Statement of Work
TWA	Time-Weighted Average
U	
UAE	Unacceptable Exposures
UCE	Uncertain Exposures
UEL	Upper Explosive Limits
UIC	Underground Injection Control Well
URA	Universities Research Association, Inc.
User	Experimenter
UST	Underground Storage Tank
UV	Ultraviolet
V	
VLT	Visible Light Transmission
VOC	Volatile organic compound
VOM	Volatile Organic Material
W	
WAAF	Workplace Activities Analysis Form
WBGT	Wet-Bulb Globe Temperature
WBPL	Wide Band Photon Laboratory, Fermilab
WDRS	Workforce Development and Resources Center
WPF	Workplace Protection Factor
WM	Waste Management
WWTP	Waste Water Treatment Plan