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Acronyms

| | |
|---------|--|
| μS | microsiemens |
| μSv | microsievert |
| AEA | Atomic Energy Act of 1954 |
| ALARA | as low as reasonably achievable |
| AR | Administrative Record |
| BNI | Bechtel National, Inc. |
| BOF | Balance of Facilities |
| BPA | Bonneville Power Administration |
| BRMP | Hanford Site Biological Resources Management Plan |
| C&D | construction and demolition |
| ca. | circa |
| CERCLA | <i>Comprehensive Environmental Response, Compensation, and Liability Act of 1980</i> |
| CGS | Columbia Generating Station |
| CHPRC | CH2M Plateau Remediation Company |
| CITS | Chemical Inventory Tracking System |
| CLUP | Final Hanford Comprehensive Land-Use Plan Environmental Impact Statement |
| Council | Hanford Natural Resource Trustee Council |
| CSB | Canister Storage Building |
| CTUIR | Confederated Tribes of the Umatilla Indian Reservation |
| CWC | Central Waste Complex |
| CY | calendar year |
| CX | categorically excluded |
| D4 | deactivation, decommissioning, decontamination, and demolition |
| DFLAW | Direct Feed Low-Activity Waste |
| DNFSB | Defense Nuclear Facilities Safety Board |
| DOE | U.S. Department of Energy |
| DOE-EA | U.S. Department of Energy, Office of Enterprise Assessments |
| DOE-EM | U.S. Department of Energy, Office of Environmental Management |
| DOE-HQ | U.S. Department of Energy, Headquarters |
| DOE-ORP | U.S. Department of Energy, Office of River Protection |

| | |
|---------|--|
| DOE-RL | U.S. Department of Energy, Richland Operations Office |
| DSA | Documented Safety Analysis |
| DST | double-shell tank |
| EA | environmental assessment |
| Ecology | Washington State Department of Ecology |
| EIS | environmental impact statement |
| EMF | Effluent Management Facility |
| EMS | Environmental Management System |
| EPA | U.S. Environmental Protection Agency |
| EPCRA | Emergency Planning and Community Right-to-Know Act of 1986 |
| EPEAT | Electronic Product Environmental Assessment Tool |
| ERDF | Environmental Restoration Disposal Facility |
| ETF | Effluent Treatment Facility |
| FFTF | Fast Flux Test Facility |
| FMEF | Fuels and Materials Examination Facility |
| FONSI | Finding of No Significant Impact |
| FY | fiscal year |
| GEL | General Engineering Laboratories, LLC |
| GIS | Geographic Information System |
| HAB | Hanford Advisory Board |
| HAMMER | Hazardous Materials Management and Emergency Response |
| HDPE | high-density polyethylene |
| HEPA | high-efficiency particulate air |
| HHP | Hanford History Project |
| HLW | high-level waste |
| HPMC | HPMC Occupational Medical Services |
| HRM | Hanford River Mile |
| HTO | tritiated water vapor |
| IAP | Injury Assessment Plan |
| IC | institutional control |
| ICRP | International Convention on Radiological Protection |
| IDF | Integrated Disposal Facility |
| IP | Implementation Plan |

| | |
|-------|--|
| ISMS | Integrated Safety Management System |
| ISO | International Organization for Standardization |
| LAW | low-activity waste |
| LERF | Liquid Effluent Retention Facility |
| LIGO | Laser Interferometer Gravitational-wave Observatory |
| LLBG | low-level burial grounds |
| LLRW | low-level radioactive waste |
| LLW | low-level waste |
| LTS | Long-Term Stewardship |
| MAPEP | Mixed Analyte Performance Evaluation Program |
| MBTA | <i>Migratory Bird Treaty Act of 1918</i> |
| MCO | Multi-Canister Overpacks |
| MEI | maximally exposed individual |
| MOA | Memorandum of Agreement |
| MSA | Mission Support Alliance |
| MSDS | Material Safety Data Sheet |
| NCO | NEPA Compliance Officer |
| NEPA | <i>National Environmental Policy Act of 1969</i> |
| NHPA | <i>National Historic Preservation Act of 1966</i> |
| NLOP | North Load-Out Pit |
| NRC | U.S. Nuclear Regulatory Commission |
| NRDA | Natural Resource Damage Assessment |
| NRDWL | Nonradioactive Dangerous Waste Landfill and Solid Waste Landfill |
| PA | performance assessment |
| PCB | polychlorinated biphenyl |
| PEP | Project Execution Plan |
| PFP | Plutonium Finishing Plant |
| PNNL | Pacific Northwest National Laboratory |
| PNSO | Pacific Northwest Site Office |
| PRG | preliminary remediation goal |
| PSRP | Public Safety and Resource Protection Program |
| PUREX | Plutonium Uranium Extraction Facility |
| QA | quality assurance |

| | |
|------------|---|
| QC | quality control |
| RBDA | risk-based disposal approvals |
| RCRA | <i>Resource Conservation and Recovery Act of 1976</i> |
| REDOX | Reduction-oxidation |
| RESRAD | RESidual RADioactivity |
| ROD | Record of Decision |
| RPD | Relative Percent Difference |
| S&M | surveillance and maintenance |
| SARA | Superfund Amendments and Reauthorization Act |
| SDS | Safety Data Sheet |
| SDWA | <i>Safe Drinking Water Act of 1974</i> |
| SS | safety-significant |
| SST | single-shell tank |
| SVE | soil vapor extraction |
| SWL | Solid Waste Landfill |
| TARL | Test America Richland Laboratories |
| TLD | thermoluminescent dosimeter |
| TPA | Tri-Party Agreement |
| Tri-Cities | cities of Kennewick, Pasco, and Richland |
| TRIDEC | Tri-City Development Council |
| TSCA | <i>Toxic Substances Control Act</i> |
| TSD | treatment, storage, and disposal |
| TTP | transition and turnover package |
| USFWS | U.S. Fish and Wildlife Service |
| VPU | vertical pipe unit |
| WAI | Wastren Advantage, Inc. |
| WDFW | Washington Department of Fish and Wildlife |
| WDOH | Washington State Department of Health |
| WESF | Waste Encapsulation and Storage Facility |
| WIPP | Waste Isolation Pilot Plant |
| WMA | waste management area |
| WRAP | Waste Receiving and Processing |
| WRPS | Washington River Protection Solutions, LLC |

| | |
|---------------|---|
| WSU-TC | Washington State University, Tri-Cities |
| WTP | Hanford Tank Waste Treatment and Immobilization Plant |
| Yakama Nation | Confederated Tribes and Bands of the Yakama Nation |

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