

## ACRONYMS AND ABBREVIATIONS

<i>2SX</i>	<i>2<sup>nd</sup> Pass Solvent Extraction</i>
<i>AEC</i>	<i>Active Engineered Control</i>
<i>AEGL</i>	<i>Acute Exposure Guideline Level</i>
<i>ALARA</i>	<i>As Low As Reasonably Achievable</i>
<i>ANS</i>	<i>American Nuclear Society</i>
<i>ANSI</i>	<i>American National Standards Institute</i>
<i>AOA</i>	<i>Area(s) of Applicability</i>
<i>AP</i>	<i>Aqueous Polishing</i>
<i>ASCE</i>	<i>American Society of Civil Engineers</i>
<i>ASME</i>	<i>American Society of Mechanical Engineers</i>
<i>ASTM</i>	<i>American Society for Testing and Materials</i>
<i>BDC</i>	<i>Baseline Design Criteria</i>
<i>BFP</i>	<i>Back Flow Preventer</i>
<i>BOCA</i>	<i>Building Code by Building Officials and Code Administrators International</i>
<i>BTP</i>	<i>Branch Technical Position</i>
<i>CAAS</i>	<i>Criticality Accident Alarm System</i>
<i>CAM</i>	<i>Continuous Air Monitor</i>
<i>CAMS</i>	<i>Continuous Air Monitoring System</i>
<i>CCTV</i>	<i>Closed Circuit Television</i>
<i>CFR</i>	<i>Code of Federal Regulations</i>
<i>CM</i>	<i>Configuration Management</i>
<i>CSE</i>	<i>Criticality Safety Evaluation</i>
<i>D</i>	<i>Dose</i>
<i>DAC</i>	<i>Derived Air Concentration</i>
<i>DBP</i>	<i>Dibutyl Phosphate</i>
<i>DIW</i>	<i>Deionized Water</i>

<i>DOE</i>	<i>Department of Energy</i>
<i>DWM</i>	<i>Division of Waste Management</i>
<i>EA</i>	<i>Environmental Assessment</i>
<i>EAL</i>	<i>Emergency Action Level</i>
<i>EIS</i>	<i>Environmental Impact Statement</i>
<i>ERDA</i>	<i>Energy Research and Development Administration</i>
<i>ERPG</i>	<i>Emergency Response Planning Guidelines</i>
<i>FCSS</i>	<i>Fuel Cycle Safety and Safeguards</i>
<i>FHA</i>	<i>Fire Hazards Analysis</i>
<i>FKG</i>	<i>Formula Kilogram</i>
<i>FM</i>	<i>Factory Mutual Research Corporation</i>
<i>FMEA</i>	<i>Failure Modes and Effects Analysis</i>
<i>FNMC</i>	<i>Fundamental Nuclear Material Control Plan</i>
<i>FONSI</i>	<i>Finding of No Significant Impact</i>
<i>HEPA</i>	<i>High Efficiency Particulate Air</i>
<i>HFE</i>	<i>Human Factors Engineering</i>
<i>HS&amp;E</i>	<i>Health, Safety and the Environment</i>
<i>HSI</i>	<i>Human Systems Interface</i>
<i>HTP</i>	<i>Hydrogenated Tetrapropylene</i>
<i>I&amp;C</i>	<i>Instrumentation and Control</i>
<i>IBC</i>	<i>International Building Code by International Code Council</i>
<i>ICRP</i>	<i>International Council on Radiation Protection</i>
<i>ID</i>	<i>Inventory Difference</i>
<i>IEEE</i>	<i>Institute of Electrical and Electronic Engineers</i>
<i>IROFS</i>	<i>Items Relied on For Safety</i>
<i>ISA</i>	<i>Integrated Safety Analysis</i>
<i>LEU</i>	<i>Low Enriched Uranium</i>
<i>MC&amp;A</i>	<i>Material Control &amp; Accounting</i>

<i>MCNP</i>	<i>Monte Carlo Neutron Proton Code</i>
<i>MDC</i>	<i>Minimum Detectable Concentration</i>
<i>MFT</i>	<i>Mass Flow Totalizer</i>
<i>MOX</i>	<i>Mixed Oxide</i>
<i>MP</i>	<i>MOX Process</i>
<i>M/S</i>	<i>Mixer/Settler</i>
<i>NCS</i>	<i>Nuclear Criticality Safety</i>
<i>NCRP</i>	<i>National Council on Radiation Protection</i>
<i>NDA</i>	<i>Non-Destructive Assay</i>
<i>NEPA</i>	<i>National Environmental Policy Act</i>
<i>NFPA</i>	<i>National Fire Protection Association</i>
<i>NIOSH</i>	<i>National Institute for Occupational Safety and Health</i>
<i>NIST</i>	<i>National Institute of Standards and Technology</i>
<i>NMSS</i>	<i>Office of Nuclear Material Safety and Safeguards</i>
<i>NRC</i>	<i>Nuclear Regulatory Commission</i>
<i>NSI</i>	<i>National Security Information</i>
<i>NVLAP</i>	<i>National Voluntary Laboratory Accreditation Program</i>
<i>OER</i>	<i>Operating Experience Review</i>
<i>OSHA</i>	<i>Occupational Safety and Health Administration</i>
<i>P<sup>3</sup></i>	<i>Plutonium Purification Process</i>
<i>P&amp;IDs</i>	<i>Piping and Instrumentation Diagrams</i>
<i>PCFD</i>	<i>Process Criticality Flow Diagram</i>
<i>PEC</i>	<i>Passive Engineered Control</i>
<i>PFD</i>	<i>Process Flow Diagram</i>
<i>PHA</i>	<i>Process Hazard Analysis</i>
<i>PM</i>	<i>Preventive Maintenance</i>
<i>PPE</i>	<i>Personnel Protective Equipment</i>
<i>PSI</i>	<i>Process Safety Information</i>

<i>QA</i>	<i>Quality Assurance</i>
<i>QC</i>	<i>Quality Control</i>
<i>RD</i>	<i>Restricted Data</i>
<i>RG</i>	<i>Regulatory Guide</i>
<i>RSO</i>	<i>Radiation Safety Officer</i>
<i>RWP</i>	<i>Radiation Work Permits</i>
<i>SBC</i>	<i>Southern Building Code by Southern Building Code Congress International Inc.</i>
<i>SEID</i>	<i>Standard Errors of Inventory Difference</i>
<i>SER</i>	<i>Safety Evaluation Report</i>
<i>SNM</i>	<i>Special Nuclear Material</i>
<i>SRD</i>	<i>Shipper-Receiver Differences</i>
<i>SRP</i>	<i>Standard Review Plan</i>
<i>SSC</i>	<i>Structure, System, and Component</i>
<i>SSNM</i>	<i>Strategic Special Nuclear Material</i>
<i>T</i>	<i>Likelihood Index</i>
<i>TBP</i>	<i>Tributyl Phosphate</i>
<i>TEDE</i>	<i>Total Effective Dose Equivalent</i>
<i>TRT</i>	<i>Tactical Response Team</i>
<i>UBC</i>	<i>Uniform Building Code by International Conference of Building Officials</i>
<i>UL</i>	<i>Underwriters Laboratories Inc.</i>
<i>V&amp;V</i>	<i>Verification and Validation</i>