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PERFORMANCE ASSESSMENT for the H-AREA TANK FARM at the SAVANNAH RIVER SITE

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ACRONYMS

ACP	Accelerated Closure Projects
ALARA	As Low As Reasonably Achievable
ARP	Actinide Removal Process
atm	Atmosphere (force divided by area)
CAB	Citizens Advisory Board
CAP-88	Clean Air Act Assessment Package - 1988
CAP88-PC	CAP-88 for Personal Computers
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act
CFD	Computational Fluid Dynamics
CFR	Code of Federal Regulation
Ci	Curie
CLM	Central Climatology
CMCOC	Contaminant Migration Constituents of Concern
COPC	Constituent of Potential Concern
CPT	Cone Penetration Test
CRC	Cesium Removal Column
CSH	Calcium Silicate Hydrate
CSRA	Central Savannah River Area
CTS	Concentrate Transfer System
CWA	Clean Water Act
CZ	Contamination Zone
D&D	Deactivation and Decommissioning
DB	Diversion Box
DCF	Dose Conversion Factor
DOE	U.S. Department of Energy
DOE-HQ	U.S. Department of Energy - Headquarters
DOE-SR	U.S. Department of Energy - Savannah River Operations Office
DRF	Dose Release Factor
DSA	Documented Safety Analysis
DWPF	Defense Waste Processing Facility
E_h	Oxidation Potential
EIS	Environmental Impact Statement
EPA	U.S. Environmental Protection Agency

ERDMS	Environmental Restoration Data Management System
ETF	Effluent Treatment Facility
FFA	Federal Facility Agreement
FTF	F-Area Tank Farm
FORTRAN	Formula Translating System
GBM	Gradient Boosting Model
GCL	Geosynthetic Clay Liner
GCP	General Closure Plan
GS	General Service
GSA	General Separations Area
GSAD	General Separations Area Database
GTG	GoldSim Technology Group LLC
GWB	The Geochemist's Workbench
HDPE	High Density Polyethylene
HELP	Hydrologic Evaluation of Landfill Performance
HTF	H-Area Tank Farm
IBM	International Business Machine
ICM	Integrated Conceptual Model
ICRP	International Commission on Radiological Protection
IHI	Inadvertent Human Intruder
INL	Idaho National Laboratory
ISMS	Integrated Safety Management System
IWW	Industrial Wastewater
K_d	Distribution Coefficient
LDB	Leak Detection Box
LHS	Latin Hypercube Sampling
LLW	Low-Level Waste
MCL	Maximum Contaminant Level
MCU	Modular Caustic Side Solvent Extraction Unit
MEI	Maximally Exposed Individual
MLDB	Modified Leak Detection Box
MOP	Member of the Public
MP	Management Policy
MSL	Mean Sea Level
MWCO	Molecular Weight Cut-Off

NCRP	National Council on Radiation Protection and Measurements
NDAA	Ronald W. Reagan National Defense Authorization Act (NDAA) for Fiscal Year 2005
NERP	National Environmental Research Park
NESHAP	National Emissions Standards for Hazardous Air Pollutants
NPDES	National Pollutant Discharge Elimination System
NRC	U.S. Nuclear Regulatory Commission
NRMP	Natural Resources Management Plan
OA	Oxalic Acid
OS/VS2	Operating System/Virtual Storage 2
OU	Operable Unit
PA	Performance Assessment
PCA	Pollution Control Act
PMP	Probable Maximum Precipitation
PP	Pump Pit
PRG	Preliminary Remediation Goal
PS	Production Support
PTSM	Principal Threat Source Material
PUREX	Plutonium Recovery and Extraction
QA	Quality Assurance
QAMP	Quality Assurance Management Plan
QC	Quality Control
RCRA	Resource Conservation and Recovery Act
RESRAD	RESidual RADioactivity Computer Software
RI	Remedial Investigation
ROD	Record of Decision
ROI	Region of Influence
RSL	Regional Screening Level
SC	Safety Class
SCDHEC	South Carolina Department of Health and Environmental Control
SCS	Soil Conservation Service
SDF	Saltstone Disposal Facility
SDWA	Federal Safe Drinking Water Act
SI	Sensitivity Indices
SMA	Strong Motion Accelerometer

SP	Service Pack
SQAP	Software Quality Assurance Plan
SREL	Savannah River Ecology Laboratory
SRNL	Savannah River National Laboratory
SRS	Savannah River Site
SS	Safety Significant
TCCZ	Tan Clay Confining Zone
TEDE	Total Effective Dose Equivalent
TNX	Training and Experimental Test Facility
UA/SA	Uncertainty and Sensitivity Analyses
USACE	U.S. Army Corps of Engineers
USCS	Unified Soil Classification System
USDA	U.S. Department of Agriculture
USGS	U.S. Geological Survey
UTR	Upper Three Runs
UTR-LZ	Upper Three Runs-Lower Zone
UTR-UZ	Upper Three Runs-Upper Zone
VZMS	Vadose Zone Monitoring System
WAC	Waste Acceptance Criteria
WCS	Waste Characterization System
WES	Waterways Experiment Station
WQS	Water Quality Standard

Note: Some units of measure have been included in this list, however, most units of measure common to the technical discipline of this PA's target audience and have not been defined.