

DA March 29, 1991
 BT1 Beta-Minus Decay Radioisotopes
 BT2 Beta Decay Radioisotopes
 BT3 Radionuclides
 BT4 CERCLA Hazardous Substances
 BT5 Hazardous Substances
 BT4 Nuclides
 BT1 Years Living Radioisotopes
 BT2 Radionuclides
 BT3 CERCLA Hazardous Substances
 BT4 Hazardous Substances
 BT3 Nuclides
 SO Radiation

RV
 DA October 12, 1990
 SEE Reactor Vessel
 SO Acronyms

RVC
 DA October 12, 1990
 SEE Reactor Volume Control
 SO Acronyms

RW (DOE Program Office)
 DA October 12, 1990
 SEE Office of Civilian Radioactive Waste Management
 SO Acronyms

RW (River Water)
 DA October 12, 1990
 SEE River Water
 SO Acronyms

RWE
 DA October 12, 1990
 SEE Reactor Works Engineering
 SO Acronyms

RWIS
 DA October 12, 1990
 SEE Raw Water Intake Structure
 SO Acronyms

RWL
 DA October 12, 1990
 SEE Reactor Water Level
 SO Acronyms

RWQCB
 DA October 12, 1990
 SEE Regional Water Quality Control Board
 SO Acronyms

RWST
 DA October 12, 1990
 SEE Refueling Water Storage Tank
 SO Acronyms

RX
 DA October 12, 1990
 SEE Reactors
 SO Acronyms

RZ
 DA October 12, 1990
 SEE Radiation Zone
 SO Acronyms

S&A
 DA October 12, 1990
 SEE Sampling and Analysis
 SO Acronyms

S&M
 DA October 12, 1990
 SEE Surveillance and Maintenance
 SO Acronyms

S Waves
 DA October 12, 1990
 SEE Secondary Body Waves
 SO Acronyms

S/R
 DA October 12, 1990
 SEE Safety/Relief
 SO Acronyms

SAFE
 (SSDC)
 DA October 12, 1990
 BT1 Conditions
 RT Risks
 SO System Safety Development Center Glossary
 DEF (SSDC) A condition wherein risks are as low as practicable and present no significant residual risk.

SAFE DRINKING WATER ACT
 DA June 6, 1991
 SF SDWA
 BT1 Acts
 BT2 Statutes and Regulations
 BT1 Appropriate Act and Regulations
 RT Drinking Water Supplies
 RT Public Water Systems
 RT Water Quality Criteria
 SO Water Pollution

SAFE MASS
 (Doe Order 5480.5)
 DA October 12, 1990
 SO Environmental Management
 SO Industrial Safety
 DEF (DOE Order 5480.5) That mass of fissionable materials which is subcritical for all conditions to which it could reasonably be expected to be exposed, including processing, handling, storing, and procedural uncertainties.

SAFE SHUTDOWN EARTHQUAKE 135
 DA January 24, 1991
 BT1 Design Basis Earthquakes
 BT2 Design Basis Accidents
 BT3 Accidents
 RT Natural Phenomenon
 SO Environmental Management
 DEF (CFR) That earthquake which is

based upon an evaluation of the maximum earthquake potential considering the regional and local geology and seismology and specific characteristics of local subsurface material. It is that earthquake which produces the maximum vibratory ground motion for which certain structures, systems, and components are designed to remain functional.

SAFE SHUTDOWN SYSTEM

DA January 8, 1991
 SF SSS (*Safe Shutdown System*)
 BT1 Emergency Systems
 BT2 Systems
 NT1 Sparger Assemblies
 RT Reactor Shutdown

SAFE WORK PERMIT

(SSDC)
 DA October 12, 1990
 BT1 Permits
 RT Safeguards
 SO System Safety Development Center Glossary
 DEF (SSDC) A permit allowing employees to perform potential hazardous work, which outlines necessary safeguards, procedures, etc. An SWP usually requires several approval procedures before work can begin. The form may have other names in different companies.

SAFEGUARDS

(DOE Order 6430.1A; EMER)
 DA October 12, 1990
 RT Departmental-Approved Equipment
 RT DOE Safeguards and Security Coordinators
 RT Inspections (Nuclear)
 RT Physical Protection (physical security)
 RT Safe Work Permit
 RT Site-Specific Safeguards and Security Plan
 SO Construction
 SO Emergency Preparedness
 DEF (DOE Order 6430.1A) An integrated system of physical protection, material accounting, and material control measures designed to date, prevent, detect, and respond to unauthorized possession, use, or sabotage of special nuclear materials. In practice, safeguards involve the development and application of techniques and procedures dealing with the establishment and continued maintenance of a system of activities including physical protection, quantitative knowledge of the location and use of special nuclear materials, and administrative controls and surveillance to assure that

procedures and techniques of the system are effective and are being carried out. Safeguards include the timely indication of possible diversion or credible assurances by audits and inventory verification that no diversion has occurred.

Defense Programs may establish a general U.S. Department of Energy-wide or a locally confined Safeguards and Security Alert III without prior consultation with the head of field offices.

special nuclear material, by-product material of U.S. and/or foreign manufacture, improvised nuclear

SAFEGUARDS AND SECURITY ALERT I (CODE DESIGNATOR: ALPHA)

- (EMER)
- DA February 1, 1991
- SY Alpha
- BT1 Safeguards and Security Alerts
- BT2 Safeguards and Security Emergencies
- BT3 Emergencies
- BT4 Reportable Occurrences
- BT5 Occurrences
- SO Emergency Preparedness
- DEF (EMER) A maximum alert action which shall be effected when the head of a field office determines that conditions warrant maximum security measures at U.S. Department of Energy (DOE) or DOE contractor facilities.

SAFEGUARDS AND SECURITY ALERT II (CODE DESIGNATOR: BRAVO)

- (EMER)
- DA February 1, 1991
- SY Bravo
- BT1 Safeguards and Security Alerts
- BT2 Safeguards and Security Emergencies
- BT3 Emergencies
- BT4 Reportable Occurrences
- BT5 Occurrences
- SO Emergency Preparedness
- DEF (EMER) A substantial alert action which shall be put into effect when the head of a field office determines that conditions or information received warrants more than the preparatory safeguards actions under Safeguards and Security Alert III.

SAFEGUARDS AND SECURITY ALERT III (CODE DESIGNATOR: CHARLIE)

- (EMER)
- DA February 1, 1991
- SY Charlie
- BT1 Safeguards and Security Alerts
- BT2 Safeguards and Security Emergencies
- BT3 Emergencies
- BT4 Reportable Occurrences
- BT5 Occurrences
- SO Emergency Preparedness
- DEF (EMER) A preparatory alert action which shall be effected when the head of a field office determines that existing preemergency conditions warrant increased safeguards and security measures at facilities under his/her jurisdiction; however, the Office of the Assistant Secretary for

SAFEGUARDS AND SECURITY ALERTS

- (EMER)
- DA February 1, 1991
- BT1 Safeguards and Security Emergencies
- BT2 Emergencies
- BT3 Reportable Occurrences
- BT4 Occurrences
- NT1 Alpha
- NT1 Bravo
- NT1 Charlie
- NT1 Safeguards and Security Alert I (Code Designator: Alpha)
- NT1 Safeguards and Security Alert II (Code Designator: Bravo)
- NT1 Safeguards and Security Alert III (Code Designator: Charlie)
- SO Emergency Preparedness
- DEF (EMER) Conditions effected when additional safeguards and security measures may be required at U.S. Department of Energy (DOE) or DOE contractor or subcontractor facilities.

SAFEGUARDS AND SECURITY EMERGENCIES

- (EMER)
- DA January 24, 1991
- BT1 Emergencies
- BT2 Reportable Occurrences
- BT3 Occurrences
- NT1 Safeguards and Security Alerts
- NT2 Alpha
- NT2 Bravo
- NT2 Charlie
- NT2 Safeguards and Security Alert I (Code Designator: Alpha)
- NT2 Safeguards and Security Alert II (Code Designator: Bravo)
- NT2 Safeguards and Security Alert III (Code Designator: Charlie)
- NT1 Special Nuclear Materials Emergencies
- RT DOE Safeguards and Security Coordinators
- RT Site-Specific Safeguards and Security Plan
- SO Environmental Management
- DEF (DOE Order 5500.1A) Conditions in which there are potential or actual malevolent acts that create or appear likely to create a condition resulting in sabotage, bodily harm, unlawful access to DOE or DOE contractor facilities, or the interruption or loss of vital services. Also included are special nuclear materials emergencies in which there is a situation involving stolen, lost, or unauthorized possession of source material,

SAFETY

- (SSDC)
- DA October 12, 1990
- NT1 Aviation Safety
- NT1 Industrial Safety
- NT1 Nuclear Criticality Safety
- NT1 Radiation Safety
- NT1 System Safety
- RT Accidents
- RT Hazards
- RT Health Hazards
- RT Human Factors
- RT Human Factors Engineering
- RT Reliability-Centered Maintenance
- RT Risks
- RT Uncertainty
- SO System Safety Development Center Glossary
- DEF (SSDC) The control of accidental loss or injury.

SAFETY (HAZARD) ANALYSIS

- (SSDC)
- DA October 12, 1990
- SY Safety Analysis
- BT1 Analyses
- RT Hazard Analysis
- SO System Safety Development Center Glossary
- DEF (SSDC) The entire complex of safety (hazard) analysis methods and techniques ranging from relatively informal job and task safety analyses to large complex safety analysis studies and reports.

SAFETY ANALYSIS

- (Doe Orders 5480.5, 5481.1B, and 6430.1A)
- DA October 12, 1990
- SY Safety (Hazard) Analysis
- BT1 Analyses
- NT1 Job Safety Analysis
- NT1 Preliminary Safety Analysis
- NT1 System (Safety) Analyses
- RT Hazard Analysis
- RT Safety Analysis Reports
- RT Safety Appraisals
- RT Safety Analysis Process
- SO Construction
- SO Industrial Safety
- DEF A documented process to systematically identify the hazards of a DOE operation; to describe and analyze the adequacy of the measures taken to eliminate, control, or mitigate identified hazards; and to analyze and evaluate potential accidents and their associated risks. (MORT) MORT analysis asks: Was the task safety analysis adequate? Was the task safety analysis scaled properly for the hazards

involved? Was the preparation (and content) of the task safety analysis adequate? Were safety hazards associated with the work task adequately identified and selected? Was the knowledge input to the task safety analysis adequate? Was there adequate employee participation? Technical information? Was the development of the specific task safety analysis by the first line supervisor adequate? Were adequate worksite controls placed on the work process, facility, equipment, and personnel?

SAFETY ANALYSIS PROCESS

(SSDC)

DA October 12, 1990

BT1 Administrative Processes

BT2 Processes

RT Analyses

RT Hazard Analysis

RT Safety Analysis Reports

RT Safety Analysis

SO System Safety Development Center Glossary

DEF (SSDC) The identification of hazards, analysis of hazards control, and analysis of residual risk.

SAFETY ANALYSIS REPORTS

(Doe Order 5480.6, 5480.16; SSDC)

DA October 12, 1990

SF SAR

BT1 Reports

NT1 Final Safety Analysis Report

NT1 Preliminary Safety Analysis Report

NT1 Updated Final Safety Analysis Report

RT Analyses

RT Safety Analysis

RT Safety Analysis Process

RT Security Facilities

SO Construction

SO Environmental Management

SO Firearms

SO Industrial Safety

SO System Safety Development Center Glossary

DEF Prepared in accordance with DOE Order 5481.1B; safety documents providing a concise but complete description and safety evaluation of the site, the design, normal and emergency operation, potential accidents, and predicted consequences of such accidents, and the means proposed to prevent such accidents or mitigate the consequences of such accidents. Safety Analysis Reports are designated as final when they are based on final design information. Otherwise, they are designated as preliminary.

SAFETY AND HEALTH ASSESSMENTS (TTGM)

DA May 6, 1991

BT1 Tiger Team Assessments

BT2 Assessments

BT3 Administrative Processes

BT4 Processes

RT Concerns

RT Environment Assessments

RT Management and Organization

Assessment

SO Management

DEF (TTGM) One of the three major assessments conducted as part of a Tiger Team Assessment. The Technical Safety Appraisal (TSA) process, which is a comprehensive, periodic review of field office operations conducted by DOE's Office of Safety Appraisals, has been modified and expanded, on a site-specific basis, to fulfill the needs of the Safety and Health component of the Tiger Team Assessments. It is expected that TSAs will be performed as a part of all future Tiger Team Assessments. Major disciplines included in this assessment are: organization and administration, operations, maintenance, training and certification, auxiliary systems, emergency preparedness, technical support, security/safety interfaces, experimental activities, site/facility safety review, nuclear criticality safety, radiological protection, fire protection, packaging and transportation, quality verification, personnel protection, aviation safety, and medical services.

SAFETY AND HEALTH DIRECTORS

(Doe Order 5483.1A)

DA October 12, 1990

BT1 Personnel

SO Industrial Safety

DEF (DOE Order 5483.1A) The primary field organization staff managers responsible for the overview and coordination of the occupational safety and health program administered by a field organization for its contractor operations.

SAFETY APPRAISALS

(SSDC)

DA October 12, 1990

BT1 Appraisals

NT1 Technical Safety Appraisals

RT Safety Analysis

RT Safety Assurance System Summary

RT Safety Program Reviews

SO System Safety Development Center Glossary

DEF (SSDC) Safety appraisals are determinations by external,

independent reviewers of safety/loss control program effectiveness. They may be conducted as a management appraisal, a functional appraisal, or a comprehensive appraisal, which combines the previous two. A management appraisal is a review and evaluation of management performance covering all safety disciplines and management responsibilities to assure proper safety/loss control program balance. A functional appraisal is a review of a safety specialty discipline (industrial safety, industrial hygiene, fire protection, etc.) to verify that applicable elements of the safety/loss control program have been developed, documented, and effectively implemented in accordance with specific safety/loss control requirements and needs.

SAFETY ASSURANCE SYSTEM SUMMARY

(SSDC)

DA October 12, 1990

SF SASS

BT1 Diagrams

RT Safety Appraisals

SO System Safety Development Center Glossary

DEF (SSDC) A safety appraisal tree containing nine basic ES&H appraisal factors. Eight of the factors are each branched into 11 major program elements. The ninth, documentation, is considered in each of the others, as well as in the overall appraisal process. (See SSDC-24.)

SAFETY BARRIERS

(SSDC)

DA October 12, 1990

BT1 Barriers

SO System Safety Development Center Glossary

DEF (SSDC) Those barriers used to prevent, control, or minimize the impact of unwanted energy flows, such as a guardrail.

SAFETY BELT

(2680 SAFETY BELT)

DA January 3, 1991

BT1 Fall Protection Device

BT2 Devices

BT2 Personal Protective Equipment

BT3 Equipment/Parts - Personal Protective (DOE FRASE Vocabulary)

BT4 Equipment

SO DOE FRASE VOCABULARY

SAFETY BOOTS

(2681 SAFETY BOOTS)

DA January 3, 1991
 BT1 Foot Protection
 BT2 Personal Protective Equipment
 BT3 Equipment/Parts - Personal Protective (DOE FRASE Vocabulary)
 BT4 Equipment
 RT Foot/Feet
 SO DOE FRASE VOCABULARY

SAFETY CLASS ITEMS

(DOE Order 6430.1A)
 DA October 12, 1990
 RT Critical Facilities
 RT Design Basis Accidents
 RT Engineered Safety Features
 RT Seismic Category I
 SO Construction
 DEF (DOE Order 6430.1A) Systems, components, and structures, including portions of process systems, whose failure could adversely affect the environment or safety and health of the public. Determination of classification is based on analysis of the potential abnormal and accidental scenario consequences as presented in the Safety Analysis Report (SAR) (as required by 5481.1B).

SAFETY COMPUTER

DA January 8, 1991
 SF SC

SAFETY DEVICE/SYSTEM

(DOE Order 5000.3A)
 DA December 14, 1990
 BT1 Devices
 RT Class A Equipment
 RT Class B Equipment
 DEF (DOE Order 5000.3A) This term is generally intended to mean all permanently installed safety-related equipment which relates to processes, other major equipment, major personnel hazards, etc. It is not intended to include boundary ropes, chains, goggles, handrails, and any other of a host of minor items which could be included under literal compliance. Problems with minor items fall under this reporting system when they result in consequences of a level with reportable criteria.

SAFETY DOCUMENTS

(Doe Order 5480.6)
 DA October 12, 1990
 BT1 Reports
 SO Industrial Safety
 DEF (DOE Order 5480.6) Documents prepared specifically to assure that the safety aspects of part or all of the activities conducted at a reactor are formally and thoroughly analyzed, evaluated,

and recorded (e.g., Technical Specifications, Safety Analysis Reports and addenda, and documented reports of special safety reviews and studies).

SAFETY EVALUATION REPORT

DA January 8, 1991
 SF *SER*
 BT1 Reports

SAFETY GLASSES

(2682 SAF GLASS)
 DA January 3, 1991
 BT1 Eye Protection
 BT2 Personal Protective Equipment
 BT3 Equipment/Parts - Personal Protective (DOE FRASE Vocabulary)
 BT4 Equipment
 NT1 Safety Glasses W Side Shields
 NT1 Tinted Safety Glasses
 RT Eye(s)
 SO DOE FRASE VOCABULARY

SAFETY GLASSES W SIDE SHIELDS

(2683 SAF GLASS SS)
 DA January 3, 1991
 BT1 Safety Glasses
 BT2 Eye Protection
 BT3 Personal Protective Equipment
 BT4 Equipment/Parts - Personal Protective (DOE FRASE Vocabulary)
 BT5 Equipment
 RT Eye(s)
 SO DOE FRASE VOCABULARY

SAFETY GUIDES

(Doe Order 5480.5)
 DA October 12, 1990
 BT1 Guidelines
 RT Material Safety Data Sheets
 SO Industrial Safety
 DEF (DOE Order 5480.5) Documents designated or recognized as an acceptable basis for nuclear criticality safety evaluations. These guides may be used as aids by DOE field organizations in establishing acceptable safety practices, and include material developed by DOE contractors, professional societies, industrial organizations, and foreign atomic energy industries.

SAFETY INJECTION CONTROL SYSTEM

DA January 8, 1991
 SF *SICS*
 BT1 Control Systems
 BT2 Controls
 BT2 Systems

SAFETY INJECTION TANK

DA January 8, 1991
 SF *SIT*

BT1 Tanks
 BT2 Facility Components

SAFETY LIMITS

(DOE Order 6430.1A)
 DA October 12, 1990
 BT1 Limits
 RT Barriers
 SO Construction
 DEF (DOE Order 6430.1A) Limits on important process variables that are necessary to provide reasonable protection to the integrity of certain physical barriers that guard against the uncontrolled release of radioactivity or an accidental criticality.

SAFETY LINE

(2684 SAFETY LINE)
 DA January 3, 1991
 BT1 Fall Protection Device
 BT2 Devices
 BT2 Personal Protective Equipment
 BT3 Equipment/Parts - Personal Protective (DOE FRASE Vocabulary)
 BT4 Equipment
 SO DOE FRASE VOCABULARY

SAFETY NET

(2685 SAFETY NET)
 DA January 3, 1991
 BT1 Fall Protection Device
 BT2 Devices
 BT2 Personal Protective Equipment
 BT3 Equipment/Parts - Personal Protective (DOE FRASE Vocabulary)
 BT4 Equipment
 SO DOE FRASE VOCABULARY

SAFETY PERFORMANCE MEASUREMENT SYSTEM

(SSDC)
 DA January 8, 1991
 SF *SPMS*
 BT1 Information Systems
 BT2 Security Interests
 BT2 Systems
 NT1 Chemical Hazards Emergency Management System
 NT1 Computerized Accident/Incident Reporting System
 NT1 Computer Assisted Tracking System
 NT1 Occurrence Reporting and Processing System
 NT1 Personnel Expertise and Resource Listing
 NT1 Radiation Exposure Module
 NT1 Standards Information Management System
 NT1 Unusual Occurrence Reporting System
 RT Factor Relationship and Sequence of Events Vocabulary
 RT FRASE Vocabulary

RT System Safety Development Center
 DEF (SSDC) The Safety Performance Measurement System (SPMS) is a collection of automated environmental, safety, and health (ES&H) information modules. SPMS is maintained for DOE by the System Safety Development Center (SSDC) at the Idaho National Engineering Laboratory (INEL) Super Computing Center.

SAFETY PRECEDENCE SEQUENCE

(SSDC)
 DA October 12, 1990
 SF *SPS*
RT Safety Program Reviews
RT System (Safety) Analyses
 SO System Safety Development Center Glossary
 DEF (SSDC) A ranking of safety processes by their effectiveness. This system safety process is part of the Hazard Analysis Process. The elements of SPS in MORT are: (1) Design; (2) Safety Devices; (3) Warning Devices; (4) Human Factors Review; (5) Procedures, including emergency procedures; (6) Personnel including supervision, selection, training, motivation, and residual risks. NASA's SPS includes elements 1, 2, 3, 5 and 7, but covers items 4 and 6 in other documents.

SAFETY PROGRAM REVIEWS

(MORT)
 DA April 3, 1991
 BT1 Reviews
 BT2 Administrative Processes
 BT3 Processes
RT Failure Mode and Effect Analysis
RT Goals
RT Hazard Analysis
RT Inspection and Evaluation
RT Operational Readiness Reviews
RT Risk Assessment
RT Safety Appraisals
RT Safety Precedence Sequence
RT Technical Information Systems
 DEF (MORT) MORT analysis asks: does the safety program review assure a planned and measured program, with low cost/high volume services, professional growth, and use of modern methods? Related issues/topics include: definition of ideals and policy; description and schematics; monitoring, audit, and comparison techniques; professional staff, management peer committees, organization for improvement; block function and work schematics; scope and integration of the review; and safety program services.

SAFETY REVIEW COMMITTEE

DA January 8, 1991
 SF *SAC*
 BT1 Committees
 BT2 Administrative Organizations
 BT3 Organizations

SAFETY REVIEWS

(DoE Order 5480.6)
 DA October 12, 1990
 BT1 Reviews
 BT2 Administrative Processes
 BT3 Processes
 NT1 Backfit Reviews
 NT1 Independent (Safety) Reviews
RT Unreviewed Safety Questions
 SO Industrial Safety
 DEF (DOE Order 5480.6) Deliberate and critical examinations of the safety impact of proposed activities or an ongoing activities during the siting, designing, constructing, operating, maintaining, modifying, or decommissioning of a reactor, which could affect health and safety. Documentation of the safety reviews serves to provide management with adequate identification of the safety issues and their possible implications, and also to allow others not directly involved in the program or review process to independently evaluate the completeness or adequacy of the review.

SAFETY SHOE(S)

(2686 SAFETY SHOE)
 DA January 3, 1991
 BT1 Foot Protection
 BT2 Personal Protective Equipment
 BT3 Equipment/Parts - Personal Protective (DOE FRASE Vocabulary)
 BT4 Equipment
 SO DOE FRASE VOCABULARY

SAFETY SYSTEM FUNCTIONAL INSPECTION

DA January 8, 1991
 SF *SSF/*
 BT1 Inspections
 BT2 Administrative Processes
 BT3 Processes

SAFETY SYSTEM OUTAGE MODIFICATION INSPECTION

DA January 8, 1991
 SF *SSOM/*
 BT1 Inspections
 BT2 Administrative Processes
 BT3 Processes

SAFETY WORK PERMIT

DA January 8, 1991
 SF *SWP*
 BT1 Permits

SAFETY /RELIEF

DA January 8, 1991
 SF *S/R*

SAFETY /RELIEF VALVE

DA January 8, 1991
 SF *SRV*
 BT1 Relief Valves
 BT2 Valves
 BT3 Devices

SAFETY /RELIEF VALVE OPEN

DA January 8, 1991
 SF *SR/VO*

SAIC

DA October 12, 1990
SEE Science Applications International Corporation
 SO Acronyms

SALES PERSON

(0400 SALES PERSON)
 DA November 28, 1990
 BT1 Occupations
 BT1 Personnel
 SO DOE FRASE VOCABULARY

SALP

DA October 12, 1990
SEE Systematic Assessment of Licensee Performance
 SO Acronyms

SALT WATER INTRUSION

(EPA)
 DA October 12, 1990
 BT1 Processes
 SO Environmental Protection Agency Glossary
 DEF (EPA) The invasion of fresh surface water or groundwater by salt water. If the salt water comes from the ocean it may be called sea water intrusion.

SALT WATER SYSTEM

DA January 8, 1991
 SF *SWS (Salt Water System)*
 BT1 Systems

SALTS

(EPA)
 DA October 12, 1990
RT Hard Water
 SO Environmental Protection Agency Glossary
 DEF (EPA) Minerals that water picks up as it passes through the air, over and under the ground, and as it is used by households and industry. (DSTT) The reaction product when a metal displaces the hydrogen of an acid.

SALVAGE

(EPA)
 DA October 12, 1990

BT1 Waste Management
 BT2 Processes
 SO Environmental Protection Agency Glossary
 DEF (EPA) The utilization of waste materials.

SAM
 DA October 12, 1990
 SEE Site Availability Mode
 SO Acronyms

SAMPLE MANAGEMENT OFFICES (EPA)

DA October 12, 1990
 BT1 Offices
 BT2 Administrative Organizations
 BT3 Organizations
 RT Contract Laboratory Program
 RT U.S. Environmental Protection Agency
 SO Environmental Protection Agency Glossary
 DEF (EPA) EPA contractors providing management, operational, and administrative support to the Contract Laboratory Program (CLP) to facilitate optimal use of the program.

SAMPLES

DA February 25, 1991
 NT1 Aliquots
 NT1 Batches
 NT2 Analytical Batches
 NT1 Blanks
 NT1 Check Samples
 NT1 Performance Evaluation Samples
 NT1 Reference Substances
 NT1 Replicate Samples
 NT1 Representative Samples
 NT1 Specimens
 NT1 Spiked Samples
 NT1 Standard Sample
 RT Sampling and Analysis
 RT Studies

SAMPLING (NCRP)

DA October 12, 1990
 BT1 Sampling and Analysis
 NT1 Error Sampling
 NT1 Poisoned Emergency Cooling System Sampling
 RT Analytes
 RT Borings
 RT Check Samples
 RT Contract-Required Quantitation Limits
 RT Equivalent Methods
 RT In-Situ Sampling Systems
 RT Inspections
 RT Quality Control
 RT Reference Methods
 RT Run
 SO Radiation
 DEF (NCRP) The process of taking a representative small portion or

quantity of something for testing or analysis.

SAMPLING AND ANALYSIS

DA January 8, 1991
 SF S&A
 NT1 Poisoned Emergency Cooling System Sampling
 NT1 Sampling
 NT2 Error Sampling
 NT2 Poisoned Emergency Cooling System Sampling
 RT Analyses
 RT Sampling and Analysis Plans
 RT Samples

SAMPLING AND ANALYSIS PLANS (EPA)

DA October 12, 1990
 BT1 Plans
 NT1 Field Sampling Plans
 NT1 Quality Assurance Project Plans
 RT Analyses
 RT Sampling and Analysis
 SO Environmental Protection Agency Glossary
 DEF (EPA) Consist of a Quality Assurance Project Plan (QAPP) and a Field Sampling Plan (FSP).

SAMPLING PLANS (ESH)

DA October 12, 1990
 SY Field Operations Plans
 BT1 Plans
 NT1 Field Sampling Plans
 RT Procedures
 RT Site Quality Assurance Plan
 SO Quality Assurance
 DEF (ESH) Documents that are prepared for either continuous or site specific data collection activities (air, water, pesticides, hazardous waste, etc.). The plan should describe project organization and responsibilities, project description (objectives, scope, schedule of tasks and milestones, data usage, monitoring network/sampling and analysis, design rationale), data quality objectives, sampling procedures, calibration, analytical methods, documentation/data reduction/reporting, data assessment, audits, corrective action, reports and safety.

SAN

DA October 12, 1990
 SEE San Francisco Operations Office
 SO Acronyms

SAN FRANCISCO OPERATIONS OFFICE

DA January 8, 1991
 SF SAN
 BT1 Operations Offices
 BT2 Offices

BT3 Administrative Organizations
 BT4 Organizations
 BT2 U.S. Department of Energy
 BT3 Federal Agencies
 BT4 Agencies
 BT5 Administrative Organizations
 BT6 Organizations
 RT Rockwell International Corp.
 RT Stanford University
 RT University of California
 DEF (Capsule Review of DOE Research and Development and Field Facilities, 1986) Established in 1952, this Office oversees defense and energy-related programs. It is responsible for the management, coordination and support of programs and projects involving weapons research and development, basic research and energy technologies. The Office administers contracts for the operation of several laboratory and engineering facilities with a work force of approximately 20,000, including two major national laboratories. The Office also manages field construction of major technical facilities.

SAND BLASTER'S HOOD

(2687 SAND BL HOOD)
 DA January 3, 1991
 BT1 Head Protection
 BT2 Personal Protective Equipment
 BT3 Equipment/Parts - Personal Protective (DOE FRASE Vocabulary)
 BT4 Equipment
 RT Sand Blasting Area
 SO DOE FRASE VOCABULARY

SAND BLASTING AREA

(1714 SB AREA)
 DA December 10, 1990
 BT1 Area
 BT2 Sites/Areas
 RT Sand Blaster's Hood
 SO DOE FRASE VOCABULARY

SAND FILTERS

(EPA)
 DA October 12, 1990
 BT1 Filters
 BT2 Devices
 RT Tricking Filters
 SO Environmental Protection Agency Glossary
 DEF (EPA) Devices that remove some suspended solids from sewage. Air and bacteria decompose additional wastes filtering through the sand so that cleaner water drains from the bed.

SANDIA CORPORATION AT&T TECHNOLOGIES, INC.

DA January 11, 1991
 BT1 Companies

BT2 Commercial Organizations
 BT3 Organizations
 BT1 DOE Contractors
 BT2 Potentially Responsible Parties
 RT Albuquerque Operations Office
 RT Sandia National Laboratories

SANDIA LABORATORY INSTRUCTION

DA January 8, 1991
 SF *SLI*

SANDIA NATIONAL LABORATORIES

DA January 8, 1991
 SF *SNL*

BT1 Government-Owned
 Contractor-Operated Facilities
 BT2 Federal Facilities
 BT3 Facilities
 BT1 Laboratories
 BT2 Research and Development
 Organizations
 BT3 Organizations
 NT1 Sandia National
 Laboratories-Albuquerque
 NT1 Sandia National
 Laboratories-Livermore
 RT Sandia Corporation AT&T
 Technologies, Inc.
 DEF (Capsule Review of DOE Research
 and Development and Field
 Facilities, 1986) The principal
 mission of Sandia National
 Laboratories, established in 1949,
 is research, development and
 engineering of nuclear weapon
 systems, except for the nuclear
 explosive. The result of this effort
 is the existence of a national
 stockpile of operational nuclear
 weapons that are safe, secure,
 reliable and strictly controlled.
 Sandia also conducts energy
 programs in fossil, solar, fission
 and basic energy sciences.

**SANDIA NATIONAL
 LABORATORIES-ALBUQUERQUE**

DA January 8, 1991
 SF *SNLA*

BT1 Sandia National Laboratories
 BT2 Government-Owned
 Contractor-Operated Facilities
 BT3 Federal Facilities
 BT4 Facilities
 BT2 Laboratories
 BT3 Research and Development
 Organizations
 BT4 Organizations

**SANDIA NATIONAL
 LABORATORIES-LIVERMORE**

DA January 8, 1991
 SF *SNLL*

BT1 Sandia National Laboratories
 BT2 Government-Owned
 Contractor-Operated Facilities
 BT3 Federal Facilities
 BT4 Facilities
 BT2 Laboratories

BT3 Research and Development
 Organizations
 BT4 Organizations

SANDIA PULSE REACTOR III

DA January 8, 1991
 SF *SPR III*
 BT1 Reactors

SANDING MACHINE

(2140 SANDING MACH)
 DA December 10, 1990
 BT1 Machines (DOE FRASE
 Vocabulary)
 BT2 Equipment
 SO DOE FRASE VOCABULARY

**SANITARY ENGINEERING
 STRUCTURES**

(DOE Order 6430.1A)
 DA October 12, 1990
 RT Impoundment
 RT Tanks
 SO Construction
 DEF (DOE Order 6430.1A) Tanks,
 reservoirs, and other structures
 commonly used in water and
 waste treatment works, where
 dense, impermeable concrete with
 high resistance to chemical attack
 is required.

SANITARY LANDFILLS

(DOE Order 6430.1A; SWDA; RCRA;
 EPA)
 DA October 12, 1990
 BT1 Landfills
 BT2 Land Disposal Units
 BT3 Disposal Units
 BT4 Corrective Action Management
 Units
 BT5 Sites/Areas
 RT Cover Materials
 RT Daily Cover
 RT Disposal Facilities
 RT Land Disposal
 RT Lifts
 RT Solid Waste Disposal
 SO Construction
 SO Environmental Management
 SO Wastes

DEF A facility for the disposal of solid
 waste which meets the criteria
 published under section 4004 (42
 USCS 6944). (ESH) A disposal
 facility employing an engineered
 method of disposing of solid
 wastes on land in a manner which
 minimizes environmental hazards
 by spreading the solid wastes in
 thin layers, compacting the solid
 wastes to the smallest practical
 volume, and applying cover
 material at the end of each
 working day. Such facilities must
 comply with the Environmental
 Protection Agency Guidelines for
 the Land Disposal of Solid Wastes
 as prescribed in 40 CFR 241.

SANITARY SEWERS

(EPA)
 DA October 12, 1990
 BT1 Sewers
 SO Environmental Protection Agency
 Glossary
 DEF (EPA) Underground pipes that carry
 off only domestic or industrial
 waste, not storm water.

SANITARY SURVEYS

(SDWA; CFR)
 DA October 12, 1990
 BT1 Surveys
 RT Confluent Growth
 RT Maximum Contaminant Levels
 RT Monitoring
 RT Public Water Systems
 RT Reviews
 RT Secondary Maximum Contaminant
 Levels
 RT Total Trihalomethanes (TTHM)
 SO Environmental Protection Agency
 Glossary
 SO Water Pollution
 DEF (CFR) On-site reviews of the water
 sources, facilities, equipment,
 operation and maintenance of a
 public water system to evaluate
 the adequacy of those elements
 for producing and distributing safe
 drinking water.

SANITARY TREATMENT SYSTEM

(2048 SANITARY TS)
 DA December 10, 1990
 BT1 Systems (DOE FRASE Vocabulary)
 BT2 Systems
 RT Sewage Plant
 SO DOE FRASE VOCABULARY

SANITATION

(EPA)
 DA October 12, 1990
 BT1 Processes
 SO Environmental Protection Agency
 Glossary
 DEF (EPA) Control of physical factors in
 the human environment that could
 harm development, health, or
 survival.

SANITIZED

(CFR)
 DA November 15, 1990
 SO Management
 DEF (CFR) A version of a document
 from which information claimed as
 trade secret or confidential has
 been omitted or withheld.

SAR

DA October 12, 1990
 SEE Safety Analysis Reports
 SO Acronyms

SARA

(CFR)
 DA October 12, 1990

SEE Superfund Amendments and Reauthorization Act of 1986
SO Acronyms

SAS
 DA October 12, 1990
SEE Semi-annual soils
SO Acronyms

SASS
 DA October 12, 1990
SEE Safety Assurance System Summary
SO Acronyms

SAT
 DA October 12, 1990
SEE Semi-Automatic Trim
SO Acronyms

SATURATED ZONES
 (DOE Order 6430.1A; SWDA; RCRA; EPA)
 DA October 12, 1990
 BT1 Zones
 BT2 Sites/Areas
 RT Aeration Zones
 RT Groundwater
 RT Recharge
 RT Unsaturated Zones
 SO Construction
 SO Environmental Management
 SO Environmental Protection Agency Glossary
 SO Wastes
 DEF Subsurface areas in which all pores and cracks are filled with water under pressure equal to or greater than that of the atmosphere.

SAV
 DA October 12, 1990
SEE Semi-annual vegetation
SO Acronyms

SAVANNAH RIVER OPERATIONS OFFICE
 DA January 8, 1991
 SF *SR*
 BT1 Operations Offices
 BT2 Offices
 BT3 Administrative Organizations
 BT4 Organizations
 BT2 U.S. Department of Energy
 BT3 Federal Agencies
 BT4 Agencies
 BT5 Administrative Organizations
 BT6 Organizations
 RT University of Georgia Research Foundation, Inc.
 RT Wackenhut Services Inc.
 RT Westinghouse Savannah River Company
 DEF (Capsule Review of DOE Research and Development and Field Facilities, 1986) The Savannah River Operations Office, established in 1950, manages the Savannah River Site, a key DOE

installation for nuclear materials production and research. The mission of the Site is to produce tritium and plutonium for fabrication into weapons components for the nation's defense program. In addition, some of the Site's nuclear products have peacetime applications. Plutonium-238 is produced as a long-lasting fuel source to generate electrical power and warm instruments during space exploration. Research in nuclear energy and ecology are conducted at the Savannah River Laboratory and Savannah River Ecology Laboratory. In 1972, SRS was designated the nation's first National Environmental Research Park, where scientists from other Government agencies, private foundations and universities could use SRS land as a protected outdoor laboratory for long-term studies.

SAVANNAH RIVER SITE
 DA January 8, 1991
 SF *SRS*
 BT1 Government-Owned Contractor-Operated Facilities
 BT2 Federal Facilities
 BT3 Facilities
 RT Wackenhut Services Inc.
 RT Westinghouse Savannah River Company
 DEF (Capsule Review of DOE Research and Development and Field Facilities, 1986) Conducts fuel and target fabrication, isotope production in nuclear reactors, chemical separations, waste management and heavy-water extraction. The plant was established in 1950. Although activities at the facility are oriented primarily to defense, many of the programs and products (radioisotopes) have peacetime applications. Major facilities of the Savannah River Site include nuclear production reactors, two chemical separation plants, a fuel fabrication plant, waste management facilities and extensive research and development facilities.

SAVANNAH RIVER WATER
 DA January 8, 1991
 SF *SRW*

SAWS
 DA January 30, 1991
 NT1 Band Saw
 NT1 Chain Saw
 NT1 Concrete Saw
 NT1 Hack Saw

NT1 Hand Saw
 NT1 Table Saw
 SO DOE FRASE VOCABULARY

SBLOCA
 DA October 12, 1990
SEE Small Break LOCA
SO Acronyms

SBO
 DA October 12, 1990
SEE Station Blackout
SO Acronyms

SC
 DA October 12, 1990
SEE Safety Computer
SO Acronyms

SCALE(S)
 (2767 SCALE)
 DA January 3, 1991
 BT1 Gauge(s)
 BT2 Instrument(s)
 BT3 Equipment/Parts - Instrumentation/Measuring (DOE FRASE Voc.)
 BT4 Equipment
 SO DOE FRASE VOCABULARY

SCALP
 (1077 SCALP)
 DA November 28, 1990
 BT1 Skin
 BT2 Human Body Parts
 RT Hair
 RT Head
 SO DOE FRASE VOCABULARY

SCALPEL(S)
 (3053 SCALPEL)
 DA January 3, 1991
 BT1 Tools - Manual
 BT2 Tools (DOE FRASE Vocabulary)
 BT3 Equipment
 SO DOE FRASE VOCABULARY

SCF
 DA October 12, 1990
SEE Standard Cubic Foot
SO Acronyms

SCG
 DA October 12, 1990
SEE Standby Diesel Generator
SO Acronyms

SCHEDULE OF COMPLIANCE (CAA)
 DA October 12, 1990
 SY Compliance Schedules
 RT Control Strategies
 RT Increments of Progress
 RT Primary Standard Attainment Date
 RT Reasonable Further Progress
 RT Remedial Actions
 RT Transportation Control Measures
 SO Air Pollution

SO Environmental Management
 SO Wastes
 SO Water Pollution
 DEF (CAA) A schedule of required measures including an enforceable sequence of actions or operations leading to compliance with an emission limitation, other limitation, prohibition, or standard.

SCHEMATICS

(SSDC)
 DA October 12, 1990
 BT1 Diagrams
 SO System Safety Development Center Glossary
 DEF (SSDC) Block functional diagrams showing the secession of functions or processes required to attain a desired output.

SCHOOLS

(SDWA; TSCA; CFR; ESH)
 DA October 12, 1990
 SO Hazardous Materials
 SO Water Pollution
 DEF Any elementary or secondary school as defined in section 198 of the Elementary and Secondary Education Act of 1965 (20 U.S.C. 2854).

SCIENCE APPLICATIONS

INTERNATIONAL CORPORATION
 DA January 8, 1991
 SF SAIC
 BT1 Companies
 BT2 Commercial Organizations
 BT3 Organizations
 BT1 DOE Contractors
 BT2 Potentially Responsible Parties

SCIENCE TECHNICIAN

(0380 SCIENCE TECH)
 DA November 28, 1990
 BT1 Technicians
 BT2 Professional Personnel
 BT3 Occupations
 BT3 Personnel
 SO DOE FRASE VOCABULARY

SCIENTIST

(0170 SCIENTIST)
 DA November 28, 1990
 BT1 Professional Personnel
 BT2 Occupations
 BT2 Personnel
 NT1 Health Physicist
 RT Research/Testing Activity
 SO DOE FRASE VOCABULARY

SCINTILLATION COUNTERS

(NIH)
 DA October 12, 1990
 BT1 Radiation Detectors
 BT2 Equipment
 RT Count (Radiation Measurement)
 RT Cutie Pies
 RT Dosimeters

RT Efficiency (Counters)
 SO Radiation
 DEF (NIH) Counters in which light flashes produced in a scintillator by ionizing radiation are converted into electrical pulses by a photomultiplier tube.

SCINTILLATION PROBE(S)

(2768 SCINTIL PROB)
 DA January 3, 1991
 BT1 Testing Equipment
 BT2 Instrument(s)
 BT3 Equipment/Parts - Instrumentation/Measuring (DOE FRASE Voc.)
 BT4 Equipment
 SO DOE FRASE VOCABULARY

SCISSOR LIFT

(2340 SCISSOR LIFT)
 DA December 10, 1990
 BT1 Hoisting Apparatus
 BT2 Material Handling Device
 BT3 Devices
 BT3 Equipment/Parts - Material Handling (DOE FRASE Vocabulary)
 BT4 Equipment
 SO DOE FRASE VOCABULARY

SCISSORS

(3054 SCISSORS)
 DA January 3, 1991
 BT1 Tools - Manual
 BT2 Tools (DOE FRASE Vocabulary)
 BT3 Equipment
 RT Cutter(s)
 RT Snips
 SO DOE FRASE VOCABULARY

SCRAM

DA January 8, 1991
 SF ABLE
 BT1 Reactor Shutdown
 NT1 Automatic Reactor Scram
 NT1 Manual Reactor Scram
 RT Temperature Scram Circuit Monitor
 DEF (NRC Glossary of Terms: Nuclear Power and Radiation) Sudden shutting down of a nuclear reactor, usually by rapid insertion of control rods, either automatically or manually by the reactor operator. (WEBSTER) A sudden or emergency shutting down of a nuclear reactor.

SCRAM RELAY

DA January 8, 1991
 SF CSR
 BT1 Relay(s)
 BT2 Equipment/Parts - Electrical (DOE FRASE Vocabulary)
 BT3 Equipment

SCRAP

(EPA)
 DA October 12, 1990

NT1 Special Nuclear Material Scrap
 NT1 Spent Materials
 RT Recycled Materials
 RT Recycling
 RT Solid Wastes
 SO Environmental Protection Agency Glossary
 DEF (EPA) Materials discarded from manufacturing operations that may be suitable for reprocessing.

SCRAPER

(2341 SCRAPER)
 DA December 10, 1990
 BT1 Equipment/Parts - Material Handling (DOE FRASE Vocabulary)
 BT2 Equipment
 SO DOE FRASE VOCABULARY

SCREENING

(EPA)
 DA October 12, 1990
 BT1 Pollution Recovery Processes
 BT2 Processes
 BT1 Waste Management Processes
 BT2 Processes
 SO Environmental Protection Agency Glossary
 DEF (EPA) Use of screens to remove coarse floating and suspended solids from sewage.

SCREWDRIVER(S)

(3055 SCREWDRIVER)
 DA January 3, 1991
 BT1 Tools - Manual
 BT2 Tools (DOE FRASE Vocabulary)
 BT3 Equipment
 SO DOE FRASE VOCABULARY

SCRUBBERS

(EPA)
 DA October 12, 1990
 BT1 Devices
 RT Cyclone Collectors
 RT Flue Gas Desulfurization
 RT Limestone Scrubbing
 SO Environmental Protection Agency Glossary
 DEF (EPA) Air pollution devices that use a spray of water or reactant or a dry process to trap pollutants in emissions.

SCTI

DA October 12, 1990
 SEE Sodium Components Test Installation
 SO Acronyms

SCW

DA October 12, 1990
 SEE Service Clarified Water
 SO Acronyms

SDC

DA October 12, 1990

SEE Shutdown Cooling
SO Acronyms

SDHX
DA October 12, 1990
SEE Shutdown Heat Exchanger
SO Acronyms

SDS
DA October 12, 1990
SEE Shutdown Sequencer
SO Acronyms

SDWA
DA June 6, 1991
SEE Safe Drinking Water Act
SO Acronyms

SEA TURTLES
(ESA; CFR)
DA October 12, 1990
BT1 Animals
RT Plastrons
SO Endangered Species
DEF (CFR) Those sea turtle species enumerated in 50 CFR 227.4 and any part(s), product(s), egg(s) or offspring thereof, or the dead body or part(s) thereof.

SEABROOK STATION PROBABILISTIC SAFETY ASSESSMENT
DA January 8, 1991
SF *SSPSA*
BT1 Assessments
BT2 Administrative Processes
BT3 Processes

SEAL HEAD TANK
DA January 8, 1991
SF *SHT*
DEF Refers specifically in this context to a seal head tank found in a blanket gas system.

SEALED SOURCES
(IAEA)
DA October 12, 1990
RT Radiation Safety
SO Environmental Management
SO Radiation
DEF (IAEA) Radiation sources whose structures are such as to prevent, under normal conditions of use, any dispersion of the radioactive material into the environment.

SEAT BELT(S)
(2688 SEAT BELT)
DA January 3, 1991
BT1 Personal Protective Equipment
BT2 Equipment/Parts - Personal Protective (DOE FRASE Vocabulary)
BT3 Equipment
RT Vehicle Accident
SO DOE FRASE VOCABULARY

SECOND LINE ORGANIZATION LEVEL
(DOE Order 5482.1B; ESH)
DA October 12, 1990
RT Line Organizations
RT Operating Level
RT U.S. Department of Energy
SO Construction
SO Management
DEF The DOE element that is contractually or organizationally responsible for the work or job tasks being performed by an operating level. It may be an operations office, or an Assistant Secretary directly responsible for an energy technology center or a power administration.

SECONDARY BODY WAVES
(USGS)
DA October 12, 1990
SF *S Waves*
RT Body Wave Magnitude
RT Primary Body Waves
SO Natural Phenomenon
DEF (USGS) Earthquake waves that shear the rock sideways at right angles to the direction of travel, producing an up-and-down and side-to-side oscillation like the snapping of a rope. P and S waves are the most damaging waves because buildings are more susceptible to damage for horizontal motion than from vertical motion.

SECONDARY DOCUMENTS
(Doe Order 5400.4)
DA October 12, 1990
BT1 Primary Documents
BT2 Reports
SO Compensation and Liability
DEF (DOE Order 5400.4) Those reports that are discrete portions of primary documents and are typically input or feeder documents within the remedial investigation/feasibility study or remedial design/remedial action process.

SECONDARY DRINKING WATER REGULATIONS
(SDWA; EPA)
DA October 19, 1990
BT1 Code of Federal Regulations
BT2 Codes, Standards, and Regulations
BT2 Statutes and Regulations
RT Primary Drinking Water Regulations
RT Public Water Systems
SO Environmental Management
SO Environmental Protection Agency Glossary
SO Water Pollution
DEF (USC) Regulations that apply to public water systems and that specify the maximum contaminant levels which, in the judgment of

the Administrator, are requisite to protect the public welfare. Such regulations may apply to any contaminant in drinking water (A) which may adversely affect the odor or appearance of such water and consequently may cause a substantial number of the persons served by the public water system providing such water to discontinue its use, or (B) which may otherwise adversely affect the public welfare. Such regulations may vary according to geographic and other circumstances.

SECONDARY EMISSIONS
(CAA; CFR)
DA October 12, 1990
BT1 Emissions
BT2 Air Pollutants
RT Fugitive Emissions
RT Transportation Control Measures
RT Uncontrolled Total Arsenic Emissions
SO Air Pollution
DEF (CFR) Emissions that occur as a result of the construction or operation of an existing stationary facility but do not come from the existing stationary facility. Secondary emissions may include, but are not limited to, emissions from ships or trains coming to or from the existing stationary facility. (CFR) Inorganic arsenic emissions that escape capture by a primary emission control system.

SECONDARY ENVIRONMENTAL MONITOR
(DOE Order 5000.3A)
DA June 7, 1991
BT1 Monitors
BT2 Equipment
RT Inspection and Maintenance
RT Monitoring
RT Primary Environmental Monitors
SO Environmental Management
DEF (DOE Order 5000.3A) Environmental monitoring equipment or activities which, if degraded, will produce a more than minor disruption of a monitoring program. An example of a minor effect would be the failure of a unit whose place in the program is effectively duplicated by overlap between one or more other components. An example of a more than minor effect would be failure of sufficient units to preclude continued coverage, or the failure of a unit which provides the only coverage for large areas, such as a groundwater monitoring well.

SECONDARY ENVIRONMENTAL MONITORS

(DOE Order 5000.3A)

DA December 14, 1990

BT1 Monitors

BT2 Equipment

RT Class B Equipment

DEF (DOE Order 5000.3A)

Environmental monitoring equipment or activities which, if degraded, will produce a more than minor disruption of a monitoring program. An example of a minor effect would be the failure of a unit whose place in the program is effectively duplicated by overlap between one or more other components. An example of a more than minor effect would be the failure of sufficient units to preclude continued coverage, or the failure of a unit which provides the only coverage for large areas, such as a groundwater monitoring well.

SECONDARY HOOD SYSTEMS

(CAA; CFR)

DA October 12, 1990

BT1 Control Devices

BT2 Devices

BT1 Systems

RT Theoretical Arsenic Emissions Factor

SO Air Pollution

DEF (CFR) The equipment (including hoods, ducts, fans, and dampers) used to capture and transport secondary inorganic arsenic emissions.

SECONDARY LIMITS

(IAEA)

DA November 20, 1990

BT1 Limits

SO Radiation

DEF (IAEA) Values of the dose equivalent indices (deep and shallow), in the case of external exposure, or of annual limits on intake, in the case of internal exposure, which can be used to obtain an indirect assessment of compliance with primary limits.

SECONDARY MAXIMUM CONTAMINANT LEVELS

(SWDA; CFR; ESH)

DA October 19, 1990

SF SMCL

BT1 Maximum Contaminant Levels

RT Contaminants

RT Public Water Systems

RT Sanitary Surveys

SO Water Pollution

DEF (CFR) Secondary maximum contaminant levels, or SMCLs, apply to public water systems and which, in the judgement of the Administrator, are requisite to

protect the public welfare. (ESH)

The SMCLs mean the maximum permissible levels of a contaminant in water which are delivered to the free flowing outlet of the ultimate user of public water system. Contaminants added to the water under circumstances controlled by the user, except those resulting from corrosion of piping and plumbing caused by water quality, are excluded from this definition.

SECONDARY STANDARDS

(CAA; CFR)

DA October 12, 1990

BT1 National Ambient Air Quality Standards

BT2 Ambient Air Quality Standards

BT3 Air Quality Standards

BT4 Standards

BT5 Codes, Standards, and Regulations

SO Air Pollution

DEF (CFR) A national secondary ambient air quality standard promulgated pursuant to section 109 of the Act.

SECONDARY SYSTEM RELIEF

DA January 8, 1991

SF SSR

SECONDARY TREATMENT

(EPA)

DA October 12, 1990

BT1 Treatment

BT2 Waste Management Processes

BT3 Processes

BT1 Wastewater Treatment Processes

BT2 Treatment

BT3 Waste Management Processes

BT4 Processes

SO Environmental Protection Agency Glossary

DEF (CFR) The second step in most publicly owned waste treatment systems in which bacteria consume the organic parts of the waste. It is accomplished by bringing together waste, bacteria, and oxygen in trickling filters or in the activated sludge process. This treatment removes floating and settleable solids and about 90 percent of the oxygen demanding substances and suspended solids. Disinfection is the final stage of secondary treatment. (See: Primary, Tertiary Treatment).

SECONDS LIVING RADIOISOTOPES

(EDB)

DA March 29, 1991

BT1 Radionuclides

BT2 CERCLA Hazardous Substances

BT3 Hazardous Substances

BT2 Nuclides

SO Radiation

SECRETARIAL OFFICERS

(DOE Order 5440.1D)

DA May 15, 1991

BT1 Program Senior Officials

BT2 Personnel

SO Environmental Management

DEF (DOE Order) For purposes of DOE Order 5440.1D, Secretarial Officers are Assistant Secretaries; the Deputy Under Secretary for Policy, Planning, and Analysis; the Directors of the Offices of Environmental Restoration and Waste Management, Energy Research, New Production Reactors, Nuclear Safety, Civilian Radioactive Waste Management, and Administration and Human Resource Management; and the Administrators of the Western Area Power Administration and the Bonneville Power Administration.

SECTION 5 NOTICES

DA January 24, 1991

NT1 Pre-Manufacture Notices

NT2 Consolidated Pre-Manufacture Notices

NT2 Intermediate Pre-Manufacture Notices

SO Environmental Management

DEF (CFR) Any PMN, consolidated PMN, intermediate PMN, significant new use notice, exemption notice, or exemption application.

SECURE AUTOMATIC COMMUNICATIONS NETWORK (EMER)

DA February 1, 1991

BT1 Information Systems

BT2 Security Interests

BT2 Systems

SO Emergency Preparedness

DEF (EMER) A data system designed to handle U.S. Department of Energy's normal requirements for secure message and data traffic within the continental United States and to exchange such traffic via the Department of Defense automatic digital network and which allows access to the Department of State Diplomatic Telecommunications System and the General Services Administration Advanced Record System.

SECURE COMMUNICATIONS CENTERS

(DOE Order 6430.1A; EMER)

DA October 12, 1990

BT1 Centers

BT1 Security Interests

SO Construction
 SO Emergency Preparedness
 DEF (DOE Order 6430.1A) Security areas devoted in whole or in part to the encryption and decryption of sensitive and/or classified information.

SECURE MAXIMUM CONTAMINANT LEVELS

(EPA)
 DA October 12, 1990
 BT1 Maximum Contaminant Levels
 SO Environmental Protection Agency Glossary
 DEF (EPA) Maximum permissible levels of a contaminant in water that is delivered to the free flowing outlet of the ultimate user of a water supply, the consumer, or of contamination resulting from corrosion of piping and plumbing caused by water quality.

SECURITY

(DOE Order 6430.1A)
 DA October 12, 1990
 NT1 Physical Protection (physical security)
 RT DOE Safeguards and Security Coordinators
 RT Guards
 SO Construction
 DEF (DOE Order 6430.1A) Activities through which DOE defines, develops, and implements its responsibilities, under the Atomic Energy Act of 1954, as amended, Federal statutes, Executive Orders, and other directives, for the protection of Restricted Data and other classified information or matter, nuclear weapons and nuclear weapon components, and for the protection of Department and Departmental contractor facilities, property, and equipment. Security is also applied to special nuclear materials. When physical, personnel, and technical security are combined with material control and material accountability, the protection is referred to as safeguards.

SECURITY ACTIVITY

(1243 SEC ACTIVITY)
 DA November 28, 1990
 BT1 Activity Types (DOE FRASE Vocabulary)
 BT2 Activities
 RT Plant Protection System
 RT Security Guard
 SO DOE FRASE VOCABULARY

SECURITY AREAS

(DOE Order 6430.1A)
 DA October 12, 1990
 BT1 Sites/Areas

NT1 Exclusion Areas
 NT1 Limited Areas
 NT1 SNM Vault
 NT1 Vault-type Rooms
 NT1 Vital Areas
 RT Entry Control Points
 RT Protected Areas
 SO Construction
 DEF (DOE Order 6430.1A) A physically defined space containing a Departmental security interest and subject to physical protection and access controls.

SECURITY COMMUNICATIONS

CONTROL CENTER
 (EMER)
 DA February 1, 1991
 BT1 Centers
 SO Emergency Preparedness
 DEF (EMER) A continuously staffed operation located in Albuquerque, New Mexico which is staffed, equipped, and operated by the Albuquerque Operations Office to provide necessary communications and actions to initiate immediate response to U.S. Department of Energy transportation safeguards system emergencies involving nuclear weapons, components and devices, and strategic quantities of government-owned special nuclear materials.

SECURITY EVENTS

(EMER)
 DA February 1, 1991
 BT1 Events
 SO Emergency Preparedness
 DEF (EMER) Emergency conditions which threaten the security of personnel, property, or special nuclear material.

SECURITY FACILITIES

(Doe Order 5480.16)
 DA October 12, 1990
 BT1 Facilities
 RT Isolation Zones
 RT Protective Force Personnel
 RT Safety Analysis Reports
 RT Security Inspectors
 RT Shadow Forces
 SO Firearms
 DEF (DOE Order 5480.16) Any facilities that have been approved by the Department for generating, receiving, using, processing, storing, reproducing, transmitting, destroying, or handling special nuclear material or classified matter.

SECURITY GUARD

(0513 SECURITY GUA)
 DA November 28, 1990
 BT1 Admin. Support/Clerical Employee

BT2 Occupations
 BT2 Personnel
 RT Guard Station
 RT Plant Protection System
 RT Security Activity
 SO DOE FRASE VOCABULARY

SECURITY INSPECTORS

(Doe Order 5480.16)
 DA October 12, 1990
 BT1 Protective Force Personnel
 BT2 Personnel
 RT Inspections
 RT Security Facilities
 SO Firearms
 DEF (DOE Order 5480.16) A uniformed Departmental contractor employed for, and charged with, the protection of classified matter, special nuclear material, or other Government property and is authorized under section 161k of the Atomic Energy Act of 1954, as amended, or other statutory authority, to carry firearms and to make arrests without warrant. (See DOE 5632.4.)

SECURITY INTERESTS

(DOE Order 6430.1A)
 DA October 12, 1990
 NT1 Classified Interests
 NT1 Classified Matter
 NT2 Classified Information
 NT3 National Security Information
 NT3 Sensitive Compartmented Information
 NT3 Sensitive Nuclear Material Production Information
 NT1 DOE Property
 NT1 Information Systems
 NT2 Emergency Management Information System
 NT2 Failure Reporting Analysis and Corrective Action System
 NT2 Fire Protection Tracking System
 NT2 Hazard Abatement Tracking System
 NT2 Integrated Risk Information System
 NT2 Nuclear Facilities Incident Database
 NT2 Nuclear Materials Management and Standards System
 NT2 Nuclear Plant Reliability Data System
 NT2 Plant Risk Status Information Management System
 NT2 Radiation Records Repositories
 NT2 Real Property Inventory System
 NT2 Safety Performance Measurement System
 NT3 Chemical Hazards Emergency Management System
 NT3 Computerized Accident/Incident Reporting System
 NT3 Computer Assisted Tracking System
 NT3 Occurrence Reporting and Processing System

NT3 Personnel Expertise and Resource Listing
NT3 Radiation Exposure Module
NT3 Standards Information Management System
NT3 Unusual Occurrence Reporting System
NT2 Secure Automatic Communications Network
NT2 Technical Information Systems
NT2 Ultrasonic Ranging and Data System
NT2 Waste Information Network
NT1 Secure Communications Centers
NT1 Special Nuclear Materials
NT2 Special Nuclear Material Scrap
NT2 Special Nuclear Material of Low Strategic Significance
NT2 Strategic Special Nuclear Materials
NT1 Suspicious Devices
RT Confidential
SO Construction
DEF (DOE Order 6430.1A) Any of the following that requires special protection: classified matter, special nuclear material, security shipments, secure communications centers, sensitive compartmented information facilities, automatic data processing centers, or other systems including classified information, or Departmental property.

SEDIMENTATION

(SDWA; CFR; EPA)
DA October 12, 1990
BT1 Deposition (Process)
BT2 Waste Management Processes
BT3 Processes
RT Agglomeration
RT Clarification
RT Coagulation
RT Conventional Filtration Treatment
RT Flocculation
RT Primary Waste Treatment
RT Settleable Solids
RT Silt
SO Environmental Protection Agency Glossary
SO Water Pollution
DEF Letting solids settle out of wastewater by gravity during wastewater treatment. Process of deposition.

SEDIMENTATION TANKS

(EPA)
DA October 12, 1990
BT1 Tanks
BT2 Facility Components
RT Wastewater Treatment Tanks
SO Environmental Protection Agency Glossary
DEF (EPA) Holding areas for wastewater where floating wastes are skimmed off and settled solids are removed for disposal.

SEDIMENTS

(EPA)
DA October 12, 1990
SO Environmental Protection Agency Glossary
DEF (EPA) Soil, sand, and minerals washed from land into water usually after rain. They pile up in reservoirs, rivers, and harbors destroying fish-nesting areas and holes of water animals, and clouding the water so that needed sunlight might not reach aquatic plants. Careless farming, mining, and building activities will expose sediment materials, allowing them to be washed off the land after rainfalls.

SEISMIC CATEGORY I

(DOE Order 6430.1A)
DA October 12, 1990
RT Safety Class Items
SO Construction
DEF (DOE Order 6430.1A) A level and method of seismic qualification that provides documented assurance that an item, component, or system can continue to perform its required function. Qualification includes all SC-1 and selected SC-2 and SC-3 items, components, or systems.

SELECTION AND MONITORING

CHASSIS
(NFI)
DA October 12, 1990
SF SMC
BT1 Monitors
BT2 Equipment
SO Radiation
DEF (NFI) Monitors pump and motor temperature when computer is inoperative.

SELECTIVE PESTICIDES

(EPA)
DA October 12, 1990
BT1 Pesticides
BT2 Hazardous Substances
SO Environmental Protection Agency Glossary
DEF (EPA) Chemicals designed to affect only certain types of pests, leaving other plant and animals unharmed.

SELENIUM 75

(EDB)
DA March 29, 1991
BT1 Days Living Radioisotopes
BT2 Radionuclides
BT3 CERCLA Hazardous Substances
BT4 Hazardous Substances
BT3 Nuclides
SO Radiation

SELF-ASSESSMENT

(DOE Order 4330.4A)

DA June 5, 1991
BT1 Assessments
BT2 Administrative Processes
BT3 Processes
RT Facilities
RT Maintenance
RT Maintenance Management
SO Management
DEF (DOE Order 4330.4A) A systematic evaluation of a facility maintenance program, including the activities and practices, utilizing the performance objectives and criteria from each element of the Maintenance Management Program as defined in this Order.

SELF-EVALUATION

(Doe Order 5480.18)
DA October 12, 1990
NT1 Contractor Self-Evaluation Reports
RT Training Programs
RT Training Program Accreditation Plan
SO Standards
DEF (DOE Order 5480.18) A critical evaluation of a facility training program measured against the accreditation objectives and criteria. This evaluation is conducted by the contractor.

SELF-INSURANCE

(SSDC)
DA October 12, 1990
SO System Safety Development Center Glossary
DEF (SSDC) Retention of risk. Generally refers to planned program for financing or otherwise recognizing losses. A poor term because it is not insurance.

SEMI-ANNUAL SOILS

DA January 8, 1991
SF SAS
BT1 Soils

SEMI-ANNUAL VEGETATION

DA January 8, 1991
SF SAV

SEMI-AUTOMATIC TRIM

DA January 8, 1991
SF SAT

SEMI-CONFINED AQUIFERS

(EPA)
DA October 12, 1990
BT1 Aquifers
BT2 Formations
SO Environmental Protection Agency Glossary
DEF (EPA) An aquifer that is partially confined by a soil layer (or layers) of low permeability through which recharge and discharge can occur.

SEMIANNUAL

(CAA; CFR)
 DA October 12, 1990
 BT1 Time Designations
 SO Air Pollution
 DEF A 6-month period; the first semiannual period concludes on the last day of the last month during the 180 days following initial startup for new sources; and the first semiannual period concludes on the last day of the last full month during the 180 days after June 6, 1984, for existing sources.

SEMIAUTOMATIC FIREARMS

(Doe Order 5480.16)
 DA October 12, 1990
 BT1 Small Arms
 BT2 Firearms
 NT1 Double Action Semiautomatic Pistols
 NT1 Shotgun, Semiautomatic
 NT1 Single Action Semiautomatic Pistols
 RT Magazines
 SO Firearms
 DEF (DOE Order 5480.16) A type of firearm that employs either gas pressure or recoil force and mechanical spring action in ejecting the empty cartridge case after the first shot and loading the next cartridge from the magazine but that requires release and another pressure of the trigger for firing each successive shot.

SENESCENCE

(EPA)
 DA October 12, 1990
 BT1 Eutrophication
 BT2 Processes
 RT Eutrophic Lakes
 SO Environmental Protection Agency Glossary
 DEF (EPA) Term for the aging process. Sometimes used to describe lakes or other bodies of water in advanced stages of eutrophication.

SENIOR CONTROLLERS

(DOE Order 5480.16; EMER)
 DA October 12, 1990
 BT1 Controllers
 BT2 Personnel
 SO Emergency Preparedness
 SO Firearms
 SO Management
 DEF (DOE Order 5480.16) Those responsible for assigning tasks and coordinating the efforts of all controllers during advanced firearms training and force-on-force exercises.

SENIOR FEDERAL EMERGENCY MANAGEMENT AGENCY OFFICIALS

(EMER)
 DA February 1, 1991

BT1 Personnel
 SO Emergency Preparedness
 DEF (EMER) The officials appointed by the director of the Federal Emergency Management Agency (FEMA), or his/her representative, to direct FEMA response at the scene of a radiological emergency. The senior FEMA officials serve as the focal point for promoting the coordination of the federal response activities at the scene of an emergency.

SENIOR MANAGEMENT OFFICIALS

(CERCLA; CFR)
 DA October 12, 1990
 BT1 Personnel
 RT Heads of Field Operations
 RT Management
 SO Compensation and Liability
 SO Management
 DEF Officials with management responsibility for the person or persons completing the report, or the manager of environmental programs for the facility or establishments, or for the corporation owning or operating the facility or establishments responsible for certifying similar reports under other environmental regulatory requirements.

SENIOR REACTOR OPERATOR

(Doe Order 5480.6; NFI)
 DA October 12, 1990
 SF SAC
 BT1 Personnel
 BT1 Reactor Operator
 BT2 Personnel
 SO Industrial Safety
 DEF An individual certified by contractor management to operate or to direct the operation of a DOE-owned Category A reactor.

SENIOR SCIENTIFIC ADVISERS

(EMER)
 DA February 1, 1991
 BT1 Personnel
 SO Emergency Preparedness
 DEF (EMER) Senior scientists selected by the U.S. Department of Energy team leader, Federal Radiological Monitoring and Assessment Center director, or on-scene commander to serve as his/her primary scientific/technical advisor. The person will have special technical expertise related to the radioactive source produced by the accident.

SENIOR SECURITY SUPERVISORS

(EMER)
 DA February 1, 1991
 BT1 Personnel

SO Emergency Preparedness
 DEF (EMER) Security contractor officials at the incident site who assume tactical control of the incident response.

SENSITIVE COMPARTMENTED INFORMATION

(EMER)
 DA February 1, 1991
 BT1 Classified Information
 BT2 Classified Matter
 BT3 Security Interests
 SO Emergency Preparedness
 DEF (EMER) All classified information and materials bearing intelligence community special access controls formally limiting access and dissemination. SCl does not include restricted data as defined in the Atomic Energy Act of 1954, as amended.

SENSITIVE NUCLEAR MATERIAL PRODUCTION INFORMATION

(EMER)
 DA February 1, 1991
 BT1 Classified Information
 BT2 Classified Matter
 BT3 Security Interests
 SO Emergency Preparedness
 DEF (EMER) (1) Classified production rate or stockpile quantity information relating to plutonium, tritium, enriched lithium-6, and uranium-235 and -233. (2) Laser separation technology.

SENSOR(S)

(2769 SENSOR)
 DA January 3, 1991
 BT1 Testing Equipment
 BT2 Instrument(s)
 BT3 Equipment/Parts - Instrumentation/Measuring (DOE FRASE Voc.)
 BT4 Equipment
 SO DOE FRASE VOCABULARY

SENSORS

(CAA; CFR; SSDC)
 DA October 12, 1990
 BT1 Devices
 RT Monitoring
 SO Air Pollution
 SO System Safety Development Center Glossary
 DEF Devices that measure a physical quantity or the change in a physical quantity, such as temperature, pressure, flow rate, pH, or liquid level.

SEP

DA October 12, 1990
 SEE Systematic Evaluation Program
 SO Acronyms

SEPARATOR

(2142 SEPARATOR)
 DA December 10, 1990
 SO DOE FRASE VOCABULARY

SEPTIC TANKS

(SWDA; RCRA; CFR; EPA)
 DA October 12, 1990
 BT1 Underground Storage Tanks
 BT2 Underground Tanks
 BT3 Tanks
 BT4 Facility Components
 RT Municipal Solid Wastes
 SO Environmental Protection Agency
 Glossary

SO Wastes
 DEF Underground storage tanks for wastes from homes having no sewer line to a treatment plant. The waste goes directly from the homes to the tanks, where the organic waste is decomposed by bacteria and the sludge settles to the bottom. The effluent flows out of the tanks into the ground through drains; the sludge is pumped out periodically.

SEPTIFOILS

(NFI)
 DA October 12, 1990
 SO Nuclear Facilities Incident Database
 SO Radiation
 DEF (NFI) S-foils. These guide control rod movement and provide cooling (JACKETS).

SER

DA October 12, 1990
 SEE Safety Evaluation Report
 SO Acronyms

SERC

DA October 12, 1990
 SEE State Emergency Response Commission
 SO Acronyms

SERIOUS VIOLATIONS

(SSDC)
 DA October 12, 1990
 BT1 Violations
 SO System Safety Development Center
 Glossary
 DEF To determine if a violation is serious, two questions must be answered "Yes": (1) Is there a substantial probability that death or serious physical harm could result? And if so, (2) Did the employer know, or with the exercise of reasonable diligence, should have known of the hazard? (OSHA).

SERIOUSNESS

(TSA; TTGM)
 DA October 12, 1990
 BT1 Conditions

NT1 Category I Seriousness**NT1 Category II Seriousness****NT1 Category III Seriousness****RT Concerns****RT Environment Assessments****RT Technical Safety Appraisals****SO Standards**

DEF As applies to any situation for which a clear and present danger exists to workers or member of the public. Three categories of "seriousness" have been defined for DOE within the area of environment, safety and health.

SERVICE

(SWDA; ESA; CFR)
 DA October 12, 1990
 SO Endangered Species
 DEF The U.S. Fish and Wildlife Service or the National Marine Fisheries Service, as appropriate.

SERVICE CLARIFIED WATER

DA January 8, 1991
 SF SCW
 BT1 Water

SERVICE CONNECTORS

(EPA)
 DA October 12, 1990
 RT Piping
 SO Environmental Protection Agency
 Glossary
 DEF (EPA) Pipes that carry tap water from the public water main to a building.

SERVICE MAGAZINE

(DOE Order 6430.1A)
 DA October 12, 1990
 BT1 Magazines (Buildings)
 SO Construction
 DEF (DOE Order 6430.1A) An auxiliary building of an operating line used for the intermediate storage of explosives within the operational plant area. The amount of explosives is normally limited to a maximum consistent with intraline separation from other explosives buildings based on the quantity of explosives in the service magazine.

SERVICE WATER SYSTEM

DA January 8, 1991
 SF SWS (*Service Water System*)
 BT1 Systems

SETBACK

(DOE Order 6430.1A)
 DA October 12, 1990
 SO Construction
 DEF (DOE Order 6430.1A) Building offset from a property line, sidewalk, or street right-of-way.

SETS

(Acronyms and Abbreviations)
 DA October 12, 1990
 BT1 Computer Codes
 DEF A computer code to simplify Boolean expressions.

SETTLABLE SOLIDS

(DOE Order 5400.5; EPA)
 DA October 16, 1990
 BT1 Solids
 BT2 Materials
 BT1 Suspended Solids
 BT2 Leachates
 RT Sedimentation
 RT Wastewater
 SO Environmental Protection Agency
 Glossary
 SO Wastes
 DEF Those solids suspended in waste water that are determined to be settleable using Method 209 E, Settleable Solids pp 98 and 99, 16th edition, Standard Methods for Examination of Water and Waste Water. (EPA) Material heavy enough to sink to the bottom of a wastewater treatment tank.

SETTLING CHAMBER

(EPA)
 DA October 12, 1990
 SO Environmental Protection Agency
 Glossary
 DEF (EPA) A series of screens placed in the way of flue gases to slow the stream of air, thus helping gravity to pull particles out of the emission into a collection area.

SETTLING TANKS

(EPA)
 DA October 12, 1990
 BT1 Tanks
 BT2 Facility Components
 RT Wastewater Treatment Tanks
 SO Environmental Protection Agency
 Glossary
 DEF (EPA) A holding area for wastewater, where heavier particles sink to the bottom for removal and disposal.

SEWAGE

(Doe Order 5400.5; EPA)
 DA October 12, 1990
 BT1 Municipal Solid Wastes
 BT2 Solid Wastes
 BT3 Wastes
 NT1 Raw Sewage
 RT Sewage Sludge
 RT Sewers
 RT Sewerage
 RT Significant Municipal Facilities
 SO Environmental Protection Agency
 Glossary
 DEF The waste matter that passes through sewers. (EPA) The waste and wastewater produced by

residential and commercial establishments and discharged into sewers.

SEWAGE LAGOONS

(EPA)

DA November 9, 1990

SY Oxidation Ponds

RT Impoundment

RT Lagoons

DEF (EPA) A man-made lake or body of water in which waste is consumed by bacteria. It is used most frequently with other waste treatment processes.

SEWAGE PLANT

(1790 SEWAGE PLANT)

DA December 10, 1990

BT1 Building (DOE FRASE Vocabulary)

BT2 Facilities and Buildings (DOE FRASE Vocabulary)

BT3 Facilities

RT Sanitary Treatment System

RT Sewer System

SO DOE FRASE VOCABULARY

SEWAGE SLUDGE

(EPA)

DA October 12, 1990

BT1 Sludge

BT2 Wastes

RT Evaporation Ponds

RT Sewage

SO Environmental Protection Agency Glossary

DEF (EPA) Sludge produced at a Publicly Owned Treatment Works, the disposal of which is regulated under the Clean Water Act.

SEWER SYSTEM

(2050 SEWER SYSTEM)

DA December 10, 1990

BT1 Systems (DOE FRASE Vocabulary)

BT2 Systems

RT Sewage Plant

SO DOE FRASE VOCABULARY

SEWERAGE

(Doe Order 5400.5; EPA)

DA October 12, 1990

RT Pumping Stations

RT Sewage

RT Sewers

SO Environmental Protection Agency Glossary

SO Wastes

DEF The system of sewers. (EPA) The entire system of sewage collection, treatment, and disposal.

SEWERS

(Doe Order 5400.5; EPA)

DA October 12, 1990

NT1 Combined Sewers

NT1 Interceptor Sewers

NT1 Lateral Sewers

NT1 Pressure Sewers

NT1 Sanitary Sewers

NT1 Storm Sewers

RT Concrete Encasement

RT Curb Inlets

RT Sewage

RT Sewerage

RT Urban Runoff

SO Environmental Protection Agency Glossary

SO Wastes

DEF The artificial conduit, usually underground, for carrying off wastewater and refuse. (EPA) A channel or conduit that carries wastewater and stormwater runoff from the source to a treatment plant or receiving stream. Sanitary sewers carry household, industrial, and commercial waste. Storm sewers carry runoff from rain or snow. Combined sewers are used for both purposes.

SFMP

DA October 12, 1990

SEE Surplus Facilities Management Program

SO Acronyms

SG

DA October 12, 1990

SEE Steam Generator

SO Acronyms

SGTR

DA October 12, 1990

SEE Steam Generator Tube Rupture

SO Acronyms

SGTS

DA October 12, 1990

SEE Standby Gas Treatment System

SO Acronyms

SH

DA October 12, 1990

SEE Sleeve Housings

SO Acronyms

SHADOW FORCE WEAPONS

(Doe Order 5480.16)

DA October 12, 1990

BT1 Firearms

RT Shadow Forces

SO Firearms

DEF (DOE Order 8480.16) Live fire weapons used by shadow forces to respond to an actual security alarm that may occur during a security exercise.

SHADOW FORCES

(Doe Order 5480.16)

DA October 12, 1990

BT1 Protective Force Personnel

BT2 Personnel

RT Security Facilities

RT Shadow Force Weapons

SO Firearms

DEF (DOE Order 5480.16) Armed security forces stationed away from an exercise area and under the continuous supervision of a controller, preferably a security officer.

SHAFT BREAK LIMIT

(NFI)

DA October 12, 1990

BT1 Limits

SO Nuclear Facilities Incident Database

SO Radiation

DEF (NFI) Average assembly effluent temperature limit.

SHAFT GUIDES

(NFI)

DA October 12, 1990

BT1 Reactor Components

SO Nuclear Facilities Incident Database

SO Radiation

DEF (NFI) Use for machine part guides, e.g., control rods.

SHALLOW DOSE EQUIVALENTS

DA October 19, 1990

BT1 Dose Equivalents

BT2 Radiation Units

BT3 Units of Measure

SO Industrial Hygiene

DEF The maximum dose equivalent within the spherical shell extending from a depth of 0.07 to a depth of 1 cm from the surface of a 30 cm diameter sphere centered at this point and consisting of material equivalent to soft tissue with a density of $1 \text{ g} \cdot \text{cm}^{-3}$.

SHALLOW EYE DOSE EQUIVALENTS

(DOE Order 5480.11)

DA October 16, 1990

BT1 Dose Equivalents

BT2 Radiation Units

BT3 Units of Measure

DEF The dose equivalent at the respective depths of 0.007 cm, 1.0 cm, and 0.3 cm in tissue.

SHALLOW LAND BURIAL

DA January 8, 1991

SF SLB

BT1 Burial Operations

BT2 Operations

BT3 Activities

BT2 Storage

BT3 Waste Management Processes

BT4 Processes

BT1 Near Surface Disposal

BT2 Land Disposal

BT3 Disposal

BT4 Waste Management Processes

BT5 Processes

SHEAR(S)

(3056 SHEAR)

DA January 3, 1991

BT1 Tools - Manual
 BT2 Tools (DOE FRASE Vocabulary)
 BT3 Equipment
 SO DOE FRASE VOCABULARY

SHEAR WALLS (SEA)

DA October 12, 1990
 RT Boundary Elements
 RT Dual Systems
 SO Construction
 DEF (SEA) A wall designed to resist lateral forces parallel to the plane of the wall (sometimes referred to as a vertical diaphragm or a structural wall).

SHEATHING

(SWDA; RCRA; ESH)
 DA October 12, 1990
 SO Hazardous Materials
 DEF A covering consisting of a smooth layer of wood placed over metal and secured to prevent any movement.

SHEET METAL WORKER

(0682 METAL WORKER)
 DA November 28, 1990
 BT1 Precision/Production Personnel
 BT2 Occupations
 BT2 Personnel
 SO DOE FRASE VOCABULARY

SHEET PILING

(DOE Order 6430.1A)
 DA October 12, 1990
 SO Construction
 DEF (DOE Order 6430.1A) Closely spaced piles of wood, steel, or concrete driven vertically into the ground to obstruct lateral movement of earth or water.

SHELTERS

(EMER)
 DA February 1, 1991
 BT1 Facilities
 SO Emergency Preparedness
 DEF (EMER) Facilities used to protect, house, and supply the essential needs of designated individuals during the period of an emergency. A shelter may or may not be specifically constructed for such use, depending on the type of emergency and the specific programmatic requirements.

SHIELD PLUG(S)

(2591 SHIELD PLUG)
 DA January 3, 1991
 BT1 Equipment/Parts - Nuclear (DOE FRASE Vocabulary)
 BT2 Equipment
 BT2 Reactor Components
 SO DOE FRASE VOCABULARY

SHIELDING MATERIALS

(NIH)
 DA October 12, 1990
 BT1 Materials
 RT Protective Barriers
 RT Radiation Shields
 SO Radiation
 DEF (NIH) Any material that is used to absorb radiation and thus effectively reduce the intensity of radiation, and in some cases eliminate it. Lead, concrete, aluminum, water, and plastic are examples of commonly used shielding material.

SHIFT SUPERVISOR

DA January 8, 1991
 SF SS
 BT1 Personnel

SHIFT TECHNICAL ADVISOR

DA January 8, 1991
 SF STA
 BT1 Personnel

SHIPPING PAPERS

(SWDA; RCRA; ESH)
 DA October 12, 1990
 SO Hazardous Materials
 DEF A shipping order, bill of lading, manifest, or other shipping document servicing a similar purpose and containing information.

SHIPPING ROOM

(1715 SHIPPING ROO)
 DA December 10, 1990
 BT1 Room
 BT2 Sites/Areas
 SO DOE FRASE VOCABULARY

SHOE COVER(S)

(2690 SHOE COVER)
 DA January 3, 1991
 BT1 Foot Protection
 BT2 Personal Protective Equipment
 BT3 Equipment/Parts - Personal Protective (DOE FRASE Vocabulary)
 BT4 Equipment
 NT1 Metal Shoe Cover
 SO DOE FRASE VOCABULARY

SHORING

(DOE Order 6430.1A)
 DA October 12, 1990
 BT1 Building Frame Systems
 BT2 Space Frames
 BT3 Structures (DOE FRASE Vocabulary)
 BT2 Systems
 SO Construction
 DEF (DOE Order 6430.1A) Temporary bracing of an existing building foundation to provide support during adjacent excavations. Also

applies to supporting construction of above grade floors.

SHORT-TERM EXPOSURE LIMIT (EMER)

DA February 1, 1991
 BT1 Limits
 SO Emergency Preparedness
 DEF (EMER) The maximum concentration allowed for a continuous 15-minute exposure period. There may be no more than four such exposures each day with at least one hour between exposures. The daily threshold limit value - time weighted average (TLV-TWA) may not be exceeded.

SHOTGUN

(EPA)
 DA October 12, 1990
 RT DNA
 SO Environmental Protection Agency Glossary
 DEF (EPA) Non-scientific term for the process of breaking up the DNA derived from an organism and then moving each separate and unidentified DNA fragment into a bacterium.

SHOTGUN, PUMP

(Doe Order 5480.16)
 DA October 12, 1990
 BT1 Small Arms
 BT2 Firearms
 SO Firearms
 DEF (DOE Order 5480.16) A shotgun that uses a pumping or sliding action to eject the fired round and load the next round from the magazine into the chamber.

SHOTGUN, SEMIAUTOMATIC

(Doe Order 5480.16)
 DA October 12, 1990
 BT1 Semiautomatic Firearms
 BT2 Small Arms
 BT3 Firearms
 SO Firearms
 DEF (DOE Order 5480.16) A shotgun that by means of a gas tube, or recoil, automatically ejects the round fired and loads the next round from the magazine automatically into the chamber.

SHOULDER(S)

(1094 SHOULDER)
 DA November 28, 1990
 BT1 Joint(s)
 BT2 Human Body Parts
 RT Upper Arm
 SO DOE FRASE VOCABULARY

SHOVEL(S)

(3057 SHOVEL)
 DA January 3, 1991
 BT1 Tools - Manual

BT2 Tools (DOE FRASE Vocabulary)
BT3 Equipment
SO DOE FRASE VOCABULARY

SHT

DA October 12, 1990
SEE Seal Head Tank
SO Acronyms

SHUT-DOWN CIRCUIT(S)

(2419 SHUT-DOWN CI)
DA January 3, 1991
BT1 Equipment/Parts - Electrical (DOE FRASE Vocabulary)
BT2 Equipment
SO DOE FRASE VOCABULARY

SHUTDOWN (EMISSIONS)

(CAA; CFR; ESH)
DA October 12, 1990
NT1 Process Unit Shutdown
RT Closure
RT Curtail
SO Air Pollution
DEF (CFR) The cessation of operation of an affected source for any purpose.

SHUTDOWN COOLING

DA January 8, 1991
SF SDC
RT Reactor Shutdown
SO Radiation

SHUTDOWN HEAT EXCHANGER

DA January 8, 1991
SF SDHX
BT1 Heat Exchanger
BT2 Equipment/Parts - Nuclear (DOE FRASE Vocabulary)
BT3 Equipment
BT3 Reactor Components
RT Reactor Shutdown
SO Radiation

SHUTDOWN SEQUENCER

DA January 8, 1991
SF SDS
RT Reactor Shutdown
SO Radiation

SI

DA October 12, 1990
SEE Site Inspections
SO Acronyms

Si (Periodic Element)

DA October 12, 1990
SEE Silicon
SO Acronyms

SICS

DA October 12, 1990
SEE Safety Injection Control System
SO Acronyms

SIDE SHIELDS

(2691 SIDE SHIELDS)
DA January 3, 1991
BT1 Eye Protection
BT2 Personal Protective Equipment
BT3 Equipment/Parts - Personal Protective (DOE FRASE Vocabulary)
BT4 Equipment
RT Eye(s)
SO DOE FRASE VOCABULARY

SIDE-STREAM EXTRACTION

(NCRP)
DA October 12, 1990
BT1 Manufacturing Processes
BT2 Processes
SO Radiation
DEF (NCRP) The extraction of a mineral that is a by-product of the principal mineral being extracted.

SIEVERT

(IAEA, NCRP)
DA October 12, 1990
SY Roentgen Equivalent Man
BT1 Radiation Units
BT2 Units of Measure
RT Dose Equivalents
RT Effective Dose Equivalent Commitment
RT Roentgen
SO Radiation
DEF (DSTT) A unit of ionizing radiation, equal to the amount that produces the same damage to humans as 1 roentgen of high-voltage x-rays.

SIGNAL WORDS

(EPA)
DA October 12, 1990
RT Labeling
SO Environmental Protection Agency Glossary
DEF (EPA) The words used on a pesticide label - Danger, Warning, Caution - to indicate the level of toxicity of the chemicals.

SIGNIFICANCE

(NEPA)
DA May 16, 1991
RT National Environmental Policy Act
SO Environmental Management

SIGNIFICANT ADVERSE REACTIONS

(TSCA; CFR)
DA October 12, 1990
RT Environment
SO Hazardous Materials
DEF Reactions that may indicate a substantial impairment of normal activities, or long-lasting or irreversible damage to health or the environment.

SIGNIFICANT DETERIORATION

(EPA)
DA October 12, 1990

RT Prevention of Significant Deterioration
SO Environmental Protection Agency Glossary
DEF (EPA) Pollution resulting from a new source in previously "clean" areas. (See: Prevention of Significant Deterioration.)

SIGNIFICANT ECONOMIC LOSS

(ESH)
DA November 20, 1990
BT1 Losses
DEF (ESH) Under emergency conditions, for a productive activity, profitability would be greatly below expected profitability for that activity; or, for other types of activities, where profits can't be calculated, the value of public or private fixed assets would be greatly below the expected value for those assets. See ES&H Environmental Audit Manual vol. 1 (DOE/EH-0125 vol 1) for continued definition.

SIGNIFICANT ENVIRONMENTAL COMPLIANCE ISSUES

(DOE Order 5400.2A; ESH)
DA October 12, 1990
RT Coordination Processes
SO Environmental Management
SO Management
DEF Issues that are or have the potential of being precedent setting or controversial, and/or involve Headquarters notification, concurrence, or approval. See DOE Order 5400.2A for Examples of Environmental Compliance issues.

SIGNIFICANT IMPAIRMENT

(CAA; CFR)
DA October 12, 1990
BT1 Visibility Impairments
RT Mandatory Class I Federal Areas
SO Air Pollution
DEF (CFR) Visibility impairment which, in the judgement of the Administrator, interferes with the management, protection, preservation, or enjoyment of the visitor's visual experience of the mandatory Class I Federal area. This determination must be made on a case-by-case basis taking into account the geographic extent, intensity, duration, frequency, and time of the visibility impairment, and how these factors correlate with: (1) times of visitor use of the mandatory Class I Federal area, and (2) the frequency and timing of natural conditions that reduce visibility.

SIGNIFICANT INCIDENTS

(EMER)

DA February 1, 1991

BT1 Incidents

SO Emergency Preparedness

DEF (EMER) Unexpected events involving nuclear weapons or radiological nuclear weapon components which results in any of the following: 1) accidental or unauthorized launching, firing, or use of a nuclear explosive 2) nuclear detonation 3) nonnuclear detonation/burning of a nuclear weapon 4) radioactive contamination 5) seizure, theft, or loss of a nuclear weapon or an actual component of a nuclear weapon 6) public hazard, actual or implied

SIGNIFICANT MODIFICATION

(Doe Orders 6430.1A; 5480.5, and 5481.1B)

DA October 12, 1990

RT Construction

SO Construction

SO Environmental Management

SO Industrial Safety

DEF A change to a nuclear facility that involves an unreviewed safety question.

SIGNIFICANT MUNICIPAL FACILITIES

(EPA)

DA October 12, 1990

BT1 Facilities

RT Sewage

SO Environmental Protection Agency Glossary

DEF (EPA) Those publicly owned sewage treatment plants that discharge a million gallons per day or more and are therefore considered by states to have the potential for substantial effect on the quality of receiving waters.

SIGNIFICANT QUANTITIES

(Doe Order 5480.5)

DA October 12, 1990

BT1 Quantities

RT Reportable Quantities

SO Environmental Management

SO Industrial Safety

DEF (DOE Order 5480.5) Masses of fissionable materials greater than a safe mass.

SIGNIFICANT SOURCE OF**GROUNDWATER**

(ANL; CFR)

DA May 24, 1991

BT1 Aquifers

BT2 Formations

RT Groundwater

DEF (CFR) (1) An aquifer that: (i) is saturated with water having less than 10,000 milligrams per liter of

total dissolved solids; (ii) is within 2,500 feet of the land surface; (iii) has a transmissivity greater than 200 gallons per day per foot, provided that any formation or part of a formation included within the source of groundwater has a hydraulic conductivity greater than 2 gallons per day per square foot; and (iv) is capable of continuously yielding at least 10,000 gallons per day to a pumped or flowing well for a period of at least a year; or (2) an aquifer that provides the primary source of water for a community water system.

SIGNIFICANT VIOLATIONS

(EPA)

DA October 12, 1990

BT1 Violations

SO Environmental Protection Agency Glossary

DEF (EPA) Violations by point source dischargers of sufficient magnitude and/or duration to be a regulatory priority.

SILICON

DA January 8, 1991

SF Si (*Periodic Element*)**SILLO**

(1863 SILO)

DA December 10, 1990

BT1 Structures (DOE FRASE Vocabulary)

SO DOE FRASE VOCABULARY

SILT

(EPA)

DA October 12, 1990

BT1 Soils

RT Sedimentation

SO Environmental Protection Agency Glossary

DEF (EPA) Fine particles of sand or rock that can be picked up by the air or water and deposited as sediment.

SILVICULTURE

(EPA)

DA October 12, 1990

RT Clear Cut

SO Environmental Protection Agency Glossary

DEF (EPA) Management of forest land for timber. Sometimes contributes to water pollution, as in clear-cutting.

SIMS

DA October 12, 1990

SEE Standards Information Management System

SO Acronyms

SO Environmental Management

SO Management

SIMULATORS

(EDB)

DA January 31, 1991

NT1 Engagement Simulation Systems

NT2 Multiple Integrated Laser Engagement System

NT1 Law Simulators

SO Firearms

DEF (DSTT) A computer or other piece of equipment which imitates or mimics the actions and reactions of a system or condition, showing the effects of various applied changes.

SINGLE ACTION SEMIAUTOMATIC PISTOLS

(Doe Order 5480.16)

DA October 12, 1990

BT1 Pistols

BT2 Handguns

BT3 Small Arms

BT4 Firearms

BT1 Semiautomatic Firearms

BT2 Small Arms

BT3 Firearms

RT Magazines

SO Firearms

DEF (DOE Order 5480.16)

Magazine-fed, must be fired with the hammer in the cocked position and will fire one shot each time the trigger is pulled.

SINGLE FAILURE

(DOE Order 6430.1A)

DA October 12, 1990

BT1 Failures

BT2 Accidents

RT Single Failure Analysis

SO Construction

DEF (DOE Order 6430.1A) An occurrence that results in the loss of capability of a component to perform its intended safety function(s). Multiple failures, i.e., loss of capability of several components, resulting from a single occurrence are considered to be a single failure. Systems are considered to be designed against an assumed single failure if neither (1) a single failure of any active component (assuming passive components function properly) nor, (2) a single failure of any passive component (assuming active components function properly) results in loss of the system's capability to perform its safety function(s).

SINGLE FAILURE ANALYSIS

(SSDC)

DA October 12, 1990

BT1 Analyses

RT Single Failure

SO System Safety Development Center Glossary

DEF (SSDC) Primary failure analysis to

detect where a single failure could shut down a system or process.

SINGLE SHELL TANKS

DA January 8, 1991
SF SST
BT1 Tanks
BT2 Facility Components

SINGLE STRIP CONTAINERS

(SWDA; RCRA; ESH)
DA October 12, 1990
SF STC
BT1 Containers
SO Hazardous Materials

SINKING

(EPA)
DA October 12, 1990
BT1 Processes
RT Oil Spills
RT Sinking Agents
SO Environmental Protection Agency Glossary
DEF (EPA) Controlling oil spills by using an agent to trap the oil and sink it to the bottom of the body of water where the agent and the oil are biodegraded.

SINKING AGENTS

(CERCLA; CFR)
DA October 12, 1990
BT1 Additives
BT2 Chemical Substances
RT Cleanup
RT Oil Spills
RT Sinking
SO Compensation and Liability
DEF Those additives applied to oil discharges to sink floating pollutants below the water surface.

SIP

DA October 12, 1990
SEE State Implementation Plans
SO Acronyms

SIS

DA October 12, 1990
SEE Special Isotope Separator
SO Acronyms

SIT

DA October 12, 1990
SEE Safety Injection Tank
SO Acronyms

SITE (DOE FRASE VOCABULARY)

(1618 SITE; EMER)
DA December 10, 1990
BT1 Sites/Areas
NT1 Alley
NT1 Balcony
NT1 Basement
NT1 Body of Water
NT1 Cafeteria
NT1 Catwalk

NT1 Cell
NT1 Chamber
NT1 Corridor/Hall
NT1 Dwelling
NT1 En Route
NT1 Escalator
NT1 Escape Hatch
NT1 Exit
NT1 Fire Escape
NT1 Firing Range
NT1 Floor Opening
NT1 Gallery
NT1 Ground
NT1 Hatch
NT1 Highbay
NT1 Hill
NT1 Intersection
NT1 Kitchen
NT1 Laboratory
NT1 Lobby
NT1 Parking Space
NT1 Pool
NT1 Stall/Booth(s)
NT1 Station
NT2 Fire Station
NT2 Guard Station
NT2 Work Station
NT1 Substation
NT1 Switchyard
NT1 Tank Farm
NT1 Vault
NT2 SNM Vault
NT1 Waste Disposal Site
NT1 Well Pad
NT1 Work Station
SO DOE FRASE VOCABULARY
SO Emergency Preparedness
SO Environmental Management

SITE AVAILABILITY MODE

DA January 8, 1991
SF SAM

SITE BOUNDARIES

(DOE Order 6430.1A)
DA October 12, 1990
BT1 Sites/Areas
RT Off-site
RT On-Site
SO Construction
DEF (DOE Order 6430.1A) Well-marked boundaries of the property over which the owner or operator can exercise strict control without the aid of outside authorities.

SITE CHARACTERIZATION

DA January 24, 1991
BT1 Programs
RT Hydrology
RT Site Development and Facility Utilization Plans
SO Environmental Management
DEF (CFR) The program of exploration and research, both in the laboratory and in the field, undertaken to establish the geologic conditions and the ranges of those parameters of a particular site relevant to the

procedures under this part. Site characterization includes borings, surface excavations, excavation of exploratory shafts, limited subsurface lateral excavations and borings, and in situ testing at depth needed to determine the suitability of the site for a geologic repository but does not include preliminary borings and geological testing needed to decide whether site characterization should be undertaken.

SITE CLOSURE AND STABILIZATION

(ANL; CFR)
DA May 24, 1991
BT1 Closure
BT2 Administrative Processes
BT3 Processes
RT Closure Plans
RT Final Closure
RT Post-Closure
SO Management
DEF (CFR) Those actions that are taken upon completion of operations that prepare the disposal site for custodial care and that assure that the disposal site will remain stable and will not need ongoing active maintenance.

SITE DEVELOPMENT AND FACILITY UTILIZATION PLANS

(DOE Orders 4320.1B; 4700.1)
DA January 24, 1991
BT1 Plans
RT Site Characterization
SO Environmental Management
DEF Formal written documents summarizing all of the various data necessary to plan for the most effective utilization and orderly future development and disposal of facilities at an individual site. Such planning shall be in accordance with site related program objectives and requirements and shall represent consolidated views of site management, the field organization, and the resource sponsor.

SITE EMERGENCIES

(EMER)
DA February 1, 1991
BT1 Emergencies
BT2 Reportable Occurrences
BT3 Occurrences
SO Emergency Preparedness
DEF (EMER) Emergency response levels which represent an event in progress or having occurred that involves actual or likely major failures of facility functions that are needed for the protection of on-site personnel, the public health and safety, and the environment. Releases off site of

radioactive or other hazardous substances not exceeding protective action guidelines are occurring or are likely to occur.

assistance agreement, or other organization.

SITE INSPECTIONS

- (EPA)
- DA October 12, 1990
- SF SI
- BT1 Inspections
 - BT2 Administrative Processes
 - BT3 Processes
- SO Environmental Protection Agency Glossary
- DEF (EPA) Information collected from a Superfund site to determine the extent and severity of hazards posed by the site. It follows and is more extensive than a preliminary assessment. The purpose is to gather information necessary to score the site, using the Hazard Ranking System, and to determine if the site presents an immediate threat that requires prompt removal action.

SITE-LIMITED INTERMEDIATES

- DA January 24, 1991
- BT1 Intermediates
 - BT2 Chemical Substances
- SO Environmental Management
- DEF (CFR) An intermediate manufactured, processed, and used only within a site and not distributed in commerce other than as an impurity or for disposal. Imported intermediates cannot be "site-limited."

SITE QUALITY ASSURANCE PLAN

- (CERCLA)
- DA October 12, 1990
- SY Quality Assurance Project Plans
- BT1 Quality Assurance Plans
- BT2 Plans
- BT2 Quality Assurance Overviews
- BT3 Quality Control
- BT4 Controls
- RT Sampling Plans
- SO Compensation and Liability
- DEF (CERCLA) A written document, associated with site sampling activities, which presents in specific terms the organization (where applicable), objectives, functional activities, and specific quality assurance (QA) and quality control (QC) activities designed to achieve the data quality goals of a specific project(s) or continuing operation(s). The QA Project Plan is prepared for each specific project or continuing operation (or group of similar projects of continuing operations). The QA Project Plan will be prepared by the responsible program office, regional office, laboratory, contractor, recipient of an

SITE-SPECIFIC SAFEGUARDS AND SECURITY PLAN

- (DOE Order 6430.1A)
- DA October 12, 1990
- BT1 Plans
- RT Safeguards and Security Emergencies
- RT Safeguards
- SO Construction
- DEF (DOE Order 6430.1A) A specific description of the systems and procedures implemented and planned to protect Departmental security interests and other property. The format for site-specific safeguards and security plans can be obtained from DP-34.

SITE-WIDE NEPA DOCUMENTS

- (DOE Order 5440.1D)
- DA May 15, 1991
- BT1 National Environmental Policy Act Documents
 - BT2 Reports
 - RT Environmental Assessments
 - RT Environmental Impact Statements
 - RT Finding of No Significant Impact
 - RT Notice of Intent
 - RT Record of Decision (NEPA)
 - SO Environmental Management
- DEF (DOE Order) Broad-scope Environmental Impact Statements or Environmental Assessments that identify and assess the individual and cumulative impact of the continuing and reasonably foreseeable future actions at a DOE site; they may also refer to an associated NEPA document such as a notice of intent, record of decision, or finding of no significant impact.

SITES/AREAS

- (DOE FRASE Vocabulary Numeric Keys 16000-1774)
- DA January 17, 1991
- NT1 Abandoned Areas
 - NT2 Temporarily Abandoned Areas
- NT1 Accident Sites
- NT1 Action Areas
- NT1 Active Portions
- NT1 Air Quality Control Regions
 - NT2 Federal Class I areas
 - NT3 Mandatory Class I Federal Areas
- NT2 Regions
 - NT1 Area
 - NT2 Canal Area
 - NT2 Construction Area
 - NT2 Customer Service Area
 - NT2 Data Processing Area
 - NT2 Decontamination Areas
 - NT2 Eating Area
 - NT3 Cafeteria
 - NT2 Field Area
 - NT2 Maintenance Area

- NT2 Office Area
- NT2 Pit Area
- NT2 Production/Operations Area
- NT2 Pump Area
- NT2 Recreation Area
- NT2 Sand Blasting Area
- NT2 Storage Area
 - NT3 Stock Room
 - NT3 Warehouse
- NT2 Sump Area
- NT2 Test Area
 - NT3 Fast Flux Test Facility
 - NT3 Nevada Test Site
 - NT3 Rocket Motor Test Sites
 - NT3 Test Reactor Facility
 - NT3 Test Stations
 - NT3 Test Reactor Area
 - NT3 Tonopah Test Range
- NT2 Vehicle Service Area
- NT2 Yard Area
- NT1 Area of Review
- NT1 Assessment Area
- NT1 Attainment Areas
- NT1 Burial Grounds
- NT1 Central Alarm Stations
- NT1 Commercial Areas
- NT1 Confinement Areas
- NT1 Controlled Areas
 - NT2 Disturbed Zones
- NT1 Conventional Mines
 - NT2 Active Mines
 - NT2 Inactive Mines
 - NT2 Underground Uranium Mines
- NT1 Corrective Action Management Units
 - NT2 Disposal Units
 - NT3 Land Disposal Units
 - NT4 Landfill Cells
 - NT4 Landfills
 - NT5 Chemical Waste Landfills
 - NT5 Sanitary Landfills
 - NT5 Specially Designated Landfills
 - NT2 Hazardous Waste Management Units
 - NT3 Miscellaneous Units
 - NT2 Solid Waste Management Units
- NT1 Crane Maintenance Area
- NT1 Crawl Spaces
- NT1 Critical Areas
- NT1 Cultural Resource Sites
- NT1 Department of Energy Sites
- NT1 Depositories
- NT1 Discharge Point
- NT1 Disposal Sites
 - NT2 Inactive Waste Disposal Sites
 - NT3 Inactive Hazardous Waste Disposal Sites
- NT1 Disposal Areas
- NT1 DOE Property
- NT1 DOE Reservation
- NT1 Dog Houses
- NT1 Dry Caves
- NT1 Dumps
 - NT2 Open Dumps
- NT1 Emergency Control Stations
- NT1 Entry Control Points
- NT1 EPA Region
- NT1 Evaporation Ponds
- NT1 Extraction Sites
- NT1 Feedlots
- NT1 Field Command Posts

NT1 Firearms Ranges
NT1 Floodplains
NT1 Geologic Repositories
 NT2 Geologic Repository Operations Areas
NT1 High-Contact Residential Surfaces
NT1 High-Contact Commercial Surfaces
NT1 High-Contact Industrial Surfaces
NT1 Impoundment
 NT2 New Tailings Impoundment
 NT2 PAR Ponds
 NT2 Reservoirs
 NT2 Surface Impoundment
NT1 Inactive Portions
NT1 Indian Lands
NT1 Individual Generation Sites
NT1 Licensed Sites
NT1 Manatee Protection Areas
 NT2 Manatee Refuges
 NT2 Manatee Sanctuaries
NT1 Material Access Areas
NT1 National Defense Areas
NT1 National Security Areas
NT1 Non-Attainment Areas
NT1 Non-Restricted Access Areas
NT1 Occupiable Area
NT1 Occupied Area (Explosives)
NT1 Off-site
NT1 On-Scene
NT1 On-Site
NT1 Operating Area Compartment
NT1 Other Restricted Access (nonsubstation) Locations
NT1 Outdoor Electrical Substations
NT1 Outfall
NT1 Point of Disinfectant Application
NT1 Point of Compliance
NT1 Point of Nearest Public Access
NT1 Property Protection Area
NT1 Protected Areas
NT1 Public Lands
NT1 Radiation Areas
 NT2 High Radiation Areas
NT1 Radiation Emergency Assistance Center/Training Sites
NT1 Radiological Areas
NT1 Ranges (Firearms)
NT1 Recharge Areas
NT1 Remote Interrogation Points
NT1 Residential Areas
NT1 Restricted Areas
NT1 River Basins
NT1 Room
 NT2 Air Lock Room
 NT2 Central Control Room
 NT2 Clean Rooms
 NT2 Control Room
 NT2 Equipment Room
 NT2 Locker/Shower Room
 NT2 Refrigeration Room
 NT2 Rest Room
 NT2 Shipping Room
 NT2 Stock Room
NT1 Security Areas
 NT2 Exclusion Areas
 NT2 Limited Areas
 NT2 SNM Vault
 NT2 Vault-type Rooms
 NT2 Vital Areas
NT1 Site (DOE FRASE Vocabulary)
 NT2 Alley

NT2 Balcony
NT2 Basement
NT2 Body of Water
NT2 Cafeteria
NT2 Catwalk
NT2 Cell
NT2 Chamber
NT2 Corridor/Hall
NT2 Dwelling
NT2 En Route
NT2 Escalator
NT2 Escape Hatch
NT2 Exit
NT2 Fire Escape
NT2 Firing Range
NT2 Floor Opening
NT2 Gallery
NT2 Ground
NT2 Hatch
NT2 Highbay
NT2 Hill
NT2 Intersection
NT2 Kitchen
NT2 Laboratory
NT2 Lobby
NT2 Parking Space
NT2 Pool
NT2 Stall/Booth(s)
NT2 Station
 NT3 Fire Station
 NT3 Guard Station
 NT3 Work Station
NT2 Substation
NT2 Switchyard
NT2 Tank Farm
NT2 Vault
 NT3 SNM Vault
NT2 Waste Disposal Site
NT2 Well Pad
NT2 Work Station
NT1 Site Boundaries
NT1 Soil Adsorption Field
NT1 Solid Waste Storage Area
NT1 Specified Ports and Harbors
NT1 Special Aquatic Sites
NT1 Spill Area
NT1 Spill Boundaries
NT1 Stabilization Ponds
NT1 Storage Area Compartments
NT1 Supervised Areas
NT1 Test Area North
NT1 Transfer Stations
NT1 Unattended Openings
NT1 Uncontrolled Hazardous Waste Sites
NT1 Underground Areas
NT1 Unpackaging Rooms
NT1 Watershed
NT1 Wetlands
 NT2 Bogs
 NT2 Bottomland Hardwoods
 NT2 Fens
 NT2 Marshes
 NT3 Tidal Marshes
NT2 Swamps
NT1 Zones
 NT2 Aeration Zones
 NT2 Buckled Zones
 NT2 Buffer Zone
 NT2 Coastal Zones
 NT2 Confining Zones

NT2 Contiguous Zones
NT2 Contingency Planning Zones
NT2 Disturbed Zones
NT2 Emergency Planning Zones
NT2 Engineering Control Zones
NT2 Excavation Zone
NT2 Flow Zone
NT2 Hydrogeologic Units
NT2 Injection Zones
 NT3 Injection Interval
NT2 Inland Zones
NT2 Isolation Zones
NT2 Law Hazard Zone
NT2 Mixing Zones
NT2 Planning Zones
NT2 Radiation Zone
NT2 Saturated Zones
NT2 Treatment Zones
NT2 Unsaturated Zones
NT2 Vulnerable Zones
RT DOE FRASE Categories
RT Facilities
RT Real Property
RT Siting
RT Structures (DOE FRASE Vocabulary)
RT Targets
SO DOE FRASE VOCABULARY
DEF Designations of particular locations. Also, A subject category used with the DOE FRASE Vocabulary.

SITING

(EPA)
DA October 12, 1990
BT1 Administrative Processes
 BT2 Processes
RT Facilities
RT Sites/Areas
SO Environmental Protection Agency Glossary
DEF (EPA) The process of choosing a location for a facility.

SIZE CLASSES OF DISCHARGES (CERCLA)

DA October 12, 1990
NT1 Major Discharges
NT1 Medium Discharges
NT1 Minor Discharges
RT Size Classes of Releases
SO Compensation and Liability
DEF (CERCLA) Size classes of oil discharges which are provided as guidance to the On-Scene Coordinator (OSC) and serve as the criteria for further actions. They are not meant to imply associated degrees of hazard to public health or welfare, nor are they a measure of environmental damage.

SIZE CLASSES OF RELEASES (CERCLA)

DA October 12, 1990
NT1 Major Release
NT1 Minor Releases
RT Releases
RT Size Classes of Discharges

SO Compensation and Liability
DEF (CERCLA) Refers to size classifications that are provided as guidance to the On-Scene Coordinator (OSC) for meeting pollution reporting requirements.

SJP
 DA October 12, 1990
 SEE Standard Job Procedures
 SO Acronyms

SKIMMING
 (CAA; CFR; EPA)
 DA October 12, 1990
 BT1 Processes
 RT Oil Spills
 RT Smelters
 SO Air Pollution
 SO Environmental Protection Agency Glossary
DEF Using a machine to remove oil or scum from the surface of the water. (40 CFR 61.171) The removal of slag from the molten converter bath.

SKIN
 (1132 SKIN)
 DA November 28, 1990
 BT1 Human Body Parts
 NT1 Fingernail(s)
 NT1 Hair
 NT1 Scalp
 RT Dermatitis
 RT Other Skin Conditions
 RT Palm(s)
 SO DOE FRASE VOCABULARY

SKULL (FRASE)
 (1078 SKULL)
 DA November 28, 1990
 BT1 Head
 BT2 Human Body Parts
 NT1 Jaw
 RT Brain
 RT Brain Damage
 RT Concussion
 RT Contusion(S)
 RT Head Protection
 SO DOE FRASE VOCABULARY

SLAC
 DA October 12, 1990
 SEE Stanford Linear Accelerator Center
 SO Acronyms

SLANTING
 (DOE Order 6430.1A)
 DA October 12, 1990
 SO Construction
DEF (DOE Order 6430.1A) The incorporation, without appreciable extra cost or reduction in efficiency, of certain architectural and engineering features into new structures (except temporary type) or portions of the structures to improve their ability to resist the

effects of an attack and to offer protection to personnel and material.

SLB
 DA October 12, 1990
 SEE Shallow Land Burial
 SO Acronyms

SLCS
 DA October 12, 1990
 SEE Standby Liquid Control System
 SO Acronyms

SLEDGEHAMMER(S)
 (3059 SLEDGEHAMMER)
 DA January 3, 1991
 BT1 Hammer
 BT2 Tools - Manual
 BT3 Tools (DOE FRASE Vocabulary)
 BT4 Equipment
 SO DOE FRASE VOCABULARY

SLEEVE HOUSINGS
 DA January 8, 1991
 SF SH

SLEEVE TARGET
 DA January 8, 1991
 SF ST

SLI
 DA October 12, 1990
 SEE Sandia Laboratory Instruction
 SO Acronyms

SLICING MACHINE
 (2144 SLICING MACH)
 DA December 10, 1990
 BT1 Machines (DOE FRASE Vocabulary)
 BT2 Equipment
 SO DOE FRASE VOCABULARY

SLING(S)
 (2342 SLING)
 DA December 10, 1990
 BT1 Equipment/Parts - Material Handling (DOE FRASE Vocabulary)
 BT2 Equipment
 SO DOE FRASE VOCABULARY

SLIP GAUGES
 (CAA; CFR)
 DA October 12, 1990
 BT1 Equipment
 RT Monitoring
 SO Air Pollution
DEF Gauges that have a probe that moves through the gas/liquid interface in a storage or transfer vessel and indicates the level of vinyl chloride in the vessel by the physical state of the material the gauge discharges.

SLOPE FACTOR
 (EPA)
 DA October 12, 1990
 RT Exposure
 SO Environmental Protection Agency Glossary
DEF (EPA) A plausible upper-bound estimate of the probability of a response per unit intake of a chemical over a lifetime. The slope factor is used to estimate an upper-bound probability of an individual developing cancer as a result of a lifetime of exposure to a particular level of a potential carcinogen.

SLOW SAND FILTRATION
 (SWDA; CFR)
 DA October 12, 1990
 BT1 Filtration
 BT2 Pollution Recovery Processes
 BT3 Processes
 SO Water Pollution
DEF A process involving passage of raw water through a bed of sand at low velocity (generally less than 0.4 m/h) resulting in substantial particulate removal by physical and biological mechanisms. (EPA) Treatment process involving passage of raw water through a bed of a sand at low velocity which results in the substantial removal of chemical and biological contaminants.

SLUDGE
 (SWDA; RCRA; CAA; CFR; EPA)
 DA October 12, 1990
 BT1 Wastes
 NT1 Activated Sludges
 NT1 Sewage Sludge
 RT Municipal Solid Wastes
 RT Sludge Dryer
 RT Slurries
 SO Air Pollution
 SO Environmental Management
 SO Environmental Protection Agency Glossary
 SO Wastes
DEF (SWDA) A semisolid residue from any of a number of air or water treatment processes. Sludge can be a hazardous waste. (ESH) Any solid, semisolid, or liquid waste generated from a municipal, commercial, or industrial wastewater treatment plant, water supply treatment plant, or air pollution control facility or any other such waste having similar characteristics and effect.

SLUDGE DRYER
 (CAA; CFR)
 DA October 12, 1990
 BT1 Devices
 RT Sludge

SO Air Pollution
 DEF (CAA) A device used to reduce the moisture content of sludge by heating to temperatures above 65 deg. C (ca. 150 deg. F) directly with combustion gases.

SLURRIES

(EPA)
 DA October 12, 1990
 BT1 Mixtures
 RT Sludge
 SO Environmental Protection Agency Glossary
 DEF (EPA) Watery mixtures of insoluble matter that result from some pollution control techniques.

SMALL ARMS

(Doe Order 5480.16)
 DA October 12, 1990
 BT1 Firearms
 NT1 Handguns
 NT2 Pistols
 NT3 Double Action Semiautomatic Pistols
 NT3 Machine Pistols
 NT3 Single Action Semiautomatic Pistols
 NT2 Revolvers
 NT1 Machine Guns
 NT2 Submachine Guns, Closed Bolt
 NT2 Submachine Guns, Open Bolt
 NT1 Rifles
 NT2 Automatic Rifles
 NT1 Semiautomatic Firearms
 NT2 Double Action Semiautomatic Pistols
 NT2 Shotgun, Semiautomatic
 NT2 Single Action Semiautomatic Pistols
 NT1 Shotgun, Pump
 RT Ammunition
 RT Small Arms Ammunition
 SO Firearms
 DEF (DOE Order 5480.16) Handcarried firearms, including revolvers, pistols, rifles, and submachine guns.

SMALL ARMS AMMUNITION

(HMTA; CFR)
 DA May 20, 1991
 BT1 Ammunition
 BT2 Munitions
 RT Class C Explosives
 RT Small Arms
 SO Hazardous Materials
 DEF (CFR) Small arms ammunition is fixed ammunition consisting of a metallic, plastic composition, or paper cartridge case, a primer, and a propelling charge, with or without bullet, projectile, shot, tear gas material, tracer components, or incendiary compositions, or mixtures, and is further limited to the following: (1) Ammunition designed to be fired from a pistol, revolver, rifle, or shotgun held by

the hand or to the shoulder. (2) Ammunition of caliber less than 20 millimeters with incendiary solid inert or empty projectiles (with or without tracers), designed to be fired from machine guns or cannons. (3) Blank cartridges including canopy remover cartridges, starter cartridges, and seat ejector cartridges, containing not more than 500 grains of propellant powder, provided that such cartridges shall be incapable of functioning *en masse* as a result of the functioning of any single cartridge in the container or as a result of exposure to external flame.

SMALL BREAK LOCA

DA January 8, 1991
 SF SBLOCA
 BT1 Loss of Coolant Accident
 BT2 Accidents
 BT2 Losses

SMALL CAPACITORS

(TSCA; CFR)
 DA October 12, 1990
 BT1 Capacitors
 BT2 Electrical Equipment
 BT3 Equipment
 SO Hazardous Materials
 DEF (ESH) Capacitors that contain less than 1.36 kg (3 lbs.) of dielectric fluid. The following assumptions may be used if the actual weight of the dielectric fluid is unknown. Capacitors whose total volume is less than 1,639 cubic centimeters (100 cubic inches) may be considered to contain less than 1.36 kgs (3 lbs.) of dielectric fluid and a capacitors whose total volume is more than 3,278 cubic centimeters (200 cubic inches) must be considered to contain more than 1.36 kg (3 lbs.) of dielectric fluid. Capacitors whose volume is between 1,639 and 3,278 cubic centimeters may be considered to contain less than 1.36 kg (3 lbs.) of dielectric fluid if the total weight of the capacitor is less than 4.08 kg (9 lbs.).

SMALL MANUFACTURERS

(CFR; ESH)
 DA October 12, 1990
 RT Chemical Substances
 RT Companies
 RT Owners
 SO Hazardous Materials
 DEF (ESH) Small manufacturers should read the introductory paragraph of 704.5 and paragraph (d) of 704.5 for complete information on TSCA 8(a) small manufacturer exemption. First standard. A manufacturer of a chemical

substance if its total annual sales, when combined with those of its parent company (if any) are less than \$40 million. However, if annual production volume of a particular chemical substance at any individual site owned or controlled by the manufacturer is greater than 45,400 kilograms (100,000 lbs.), the manufacturer shall not qualify as small for purposes of reporting on the production of that chemical at that site, unless the manufacturer qualifies as small under "small manufacturer" paragraph (2) standard that a manufacturer is small if its total annual sales, when combined with those of its parent company are less than \$4 million, regardless of the quantity of chemicals produced by that manufacturer.

SMALL QUANTITIES FOR RESEARCH AND DEVELOPMENT

(CFR)
 DA October 12, 1990
 BT1 Quantities
 RT Research and Development
 SO Hazardous Materials
 DEF (CFR) Quantities of PCBs (1) that are originally packaged in one or more hermetically sealed containers of a volume of no more than five (5.0) milliliters, and (2) that are used only for purposes of scientific experimentation or analysis, or chemical research on, or analysis of, PCBs, but not for research or analysis for the development of a PCB product.

SMALL QUANTITY GENERATORS

(SWDA; RCRA; EMER)
 DA October 19, 1990
 BT1 Generators (Pollution)
 BT2 Potentially Responsible Parties
 SO Emergency Preparedness
 SO Environmental Management
 SO Wastes
 DEF (RCRA) Generators who generate less than 1000 kg of hazardous waste in a calendar month.

SMC

DA October 12, 1990
 SEE Selection and Monitoring Chassis
 SO Acronyms

SMCL

DA October 12, 1990
 SEE Secondary Maximum Contaminant Levels
 SO Acronyms

SMEAR

(NIH)
 DA October 12, 1990

BT1 Processes
 BT1 Radiological Monitoring
 BT2 Monitoring
 BT3 Activities
 RT Radioactive Contamination
 SO Radiation
 DEF (NIH) A procedure in which a swab, e.g., a circle of filter paper, is rubbed on a surface and its radioactivity measured to determine if the surface is contaminated with loose radioactive material.

SMELTERS

(EPA)
 DA October 12, 1990
 BT1 Facilities
 NT1 Primary Copper Smelter
 RT Skimming
 SO Environmental Protection Agency Glossary
 DEF (EPA) Facilities that melt or fuse ore, often with an accompanying chemical change, to separate the metal. Emissions are known to cause pollution. Smelting is the process involved.

SMOA

DA May 24, 1991
 SEE Superfund Memorandum of Agreement
 SO Acronyms

SMOG

(EPA)
 DA October 12, 1990
 SY Photochemical Smog
 BT1 Air Pollutants
 BT1 Air Pollution
 BT2 Pollution
 RT Air Mass
 SO Environmental Protection Agency Glossary
 DEF (EPA) Air pollution associated with oxidants. (See: Photochemical Smog.)

SMOKE

(EPA)
 DA October 12, 1990
 BT1 Air Pollutants
 RT Ashes
 RT Dispersion Techniques
 RT Hazards
 RT Plumes
 RT Soot
 RT Visibility Impairments
 SO Environmental Protection Agency Glossary
 DEF (EPA) Particles suspended in air after incomplete combustion of materials.

SMOKE DAMAGE

(1537 SMOKE DAMAGE)
 DA November 29, 1990
 BT1 Damage

BT2 Nature of Property Damage
 RT Fire Damage
 RT Water Damage
 SO DOE FRASE VOCABULARY

SMOKE GRENADES

(Doe Order 5480.16)
 DA October 12, 1990
 BT1 Chemical Ammunition
 BT2 Ammunition
 BT3 Munitions
 BT1 Diversionary Devices
 BT1 Grenades
 BT2 Munitions
 RT Grenade Launchers
 SO Firearms
 DEF (DOE Order 5480.16) Pyrotechnic devices capable of generating large amounts of smoke. While smoke grenades do not emit projectiles, they may emit fragments on actuation and may generate sufficient heat to cause fires and to injure personnel.

SMRSF

DA October 12, 1990
 SEE Special Moment Resisting Space Frame
 SO Acronyms

SNAKE BITE

(1338 SNAKE BITE)
 DA November 28, 1990
 BT1 Animal Bite
 BT2 Injuries
 SO DOE FRASE VOCABULARY

SNIPS

(3060 SNIPS)
 DA January 3, 1991
 BT1 Tools - Manual
 BT2 Tools (DOE FRASE Vocabulary)
 BT3 Equipment
 RT Cutter(s)
 RT Scissors
 SO DOE FRASE VOCABULARY

SNL

DA October 12, 1990
 SEE Sandia National Laboratories
 SO Acronyms

SNLA

DA October 12, 1990
 SEE Sandia National Laboratories-Albuquerque
 SO Acronyms

SNLL

DA October 12, 1990
 SEE Sandia National Laboratories-Livermore
 SO Acronyms

SNM

DA October 12, 1990

SEE Special Nuclear Materials
 SO Acronyms

SNM VAULT

(DOE Order 6430.1A)
 DA October 12, 1990
 BT1 Security Areas
 BT2 Sites/Areas
 BT1 Vault
 BT2 Site (DOE FRASE Vocabulary)
 BT3 Sites/Areas
 RT Special Nuclear Materials
 SO Construction
 DEF (DOE Order 6430.1A) A penetration-resistant, windowless enclosure that has (a) walls, floor, and ceiling substantially constructed of materials that afford penetration resistance at least equal to that of 8-inch thick reinforced concrete; (b) any openings greater than 96 square inches in area and over 6 inches in the smallest dimension protected by embedded steel bars at least 5/8 inches in diameter on 6-inch centers both horizontally and vertically; (c) a built-in combination locked steel door that in existing structures is at least 1-inch thick exclusive of bolt work and locking devices and that for new structures at least meets the Class 5 standards as set forth in FS AA-D-6008 of the Federal Specifications and Standards cited in 41 CFR 101.

SNUBBER(S)

(3061 SNUBBER)
 DA January 3, 1991
 BT1 Tools - Manual
 BT2 Tools (DOE FRASE Vocabulary)
 BT3 Equipment
 SO DOE FRASE VOCABULARY

SOCs

DA October 12, 1990
 SEE Synthetic Organic Chemicals
 SO Acronyms

SODIUM COMPONENTS TEST INSTALLATION

DA January 8, 1991
 SF SCT/
 BT1 Facilities

SODIUM SCRUBBER(S)

(2593 SODIUM SCRUB)
 DA January 3, 1991
 BT1 Equipment/Parts - Nuclear (DOE FRASE Vocabulary)
 BT2 Equipment
 BT2 Reactor Components
 SO DOE FRASE VOCABULARY

SOFT CONVERSION

(DOE Order 5900.2)
 DA October 12, 1990

BT1 Metrication
 SO Quality Assurance
 DEF (DOE Order 5900.2) The process of changing measurement language from inch-pound measurement units to equivalent metric units within acceptable measurement tolerances without changing the actual physical size or configuration of the part, product, or process.

SOFT DETERGENTS

(EPA)
 DA October 12, 1990
 BT1 Chemical Agents
 BT1 Detergents
 SO Environmental Protection Agency Glossary
 DEF (EPA) Cleaning agents that break down in nature.

SOFT STORIES

(SEA)
 DA October 12, 1990
 BT1 Stories
 SO Construction
 DEF (SEA) Stories in which the lateral stiffness is less than 70 percent of the stiffness of the story above.

SOFT WATER

(EPA)
 DA October 12, 1990
 BT1 Water
 SO Environmental Protection Agency Glossary
 DEF (EPA) Any water that is not "hard," i.e., does not contain a significant amount of dissolved minerals such as salts containing calcium or magnesium.

SOFTWARE

(SSDC)
 DA October 12, 1990
 RT Computer Codes
 RT Information Systems
 SO System Safety Development Center Glossary
 DEF (SSDC) Any of the written programs, flow charts, etc., that are used to support the operation of computer equipment.

SOIL ADSORPTION FIELD

(EPA)
 DA October 12, 1990
 BT1 Sites/Areas
 SO Environmental Protection Agency Glossary
 DEF (EPA) A sub-surface area containing a trench or bed with clean stones and a system of distribution piping through which treated sewage may seep into the surrounding soil for further treatment and disposal.

SOIL COLUMN

(DOE Order 5400.5)
 DA October 12, 1990
 BT1 Soils
 RT Leaching
 SO Wastes
 DEF (DOE Order 5400.5) An in situ volume of soil down through which liquid wastes percolate from ponds, cribs, seepage basins, or trenches.

SOIL CONDITIONER

(EPA)
 DA October 12, 1990
 BT1 Organic Matter
 NT1 Compost
 RT Humus
 SO Environmental Protection Agency Glossary
 DEF (EPA) An organic material like humus or compost that helps soil absorb water, build a bacterial community, and distribute nutrients and minerals.

SOIL GAS

(EPA)
 DA October 12, 1990
 BT1 Gases
 SO Environmental Protection Agency Glossary
 DEF (EPA) Gaseous elements and compounds that occur in the small spaces between particles of the earth and soil. Such gases can move through or leave the soil or rock, depending on changes in pressure.

SOIL INJECTION

(ESH)
 DA November 20, 1990
 RT Pesticides
 DEF (ESH) The emplacement of pesticides by ordinary tillage practices within the plow layer of a soil.

SOIL MECHANICS

(DOE Order 6430.1A)
 DA October 12, 1990
 RT Flow Failures
 RT Soils
 RT Subsidence
 SO Construction
 DEF (DOE Order 6430.1A) The application of the laws of solid and fluid mechanics to soils and similar granular materials as a basis for design, construction, and maintenance of stable foundations and earth structures.

SOIL RESISTIVITY

(DOE Order 6430.1A)
 DA October 12, 1990
 RT Soils

SO Construction
 DEF (DOE Order 6430.1A) The measured potential difference between two points in a naturally occurring soil between which a known electric current is passed.

SOIL-STRUCTURE RESONANCE

(SEA)
 DA October 12, 1990
 SO Construction
 DEF (SEA) The coincidence of the natural period of a structure with a dominant frequency in the ground motion.

SOILS

(TSCA; CFR)
 DA October 12, 1990
 NT1 Bentonite Clays
 NT1 Muck Soils
 NT1 Quick Clays
 NT1 Semi-annual soils
 NT1 Silt
 NT1 Soil Column
 RT Background Soil Ph
 RT Cation Exchange Capacity
 RT Ecosystems
 RT Flow Failures
 RT Groundwater
 RT Humus
 RT Permafrost
 RT Soil Resistivity
 RT Soil Mechanics
 RT Spill Area
 SO Hazardous Materials
 DEF (CFR) All vegetation, soils and other ground media, including but not limited to, sand, grass, gravel, and oyster shells. It does not include concrete and asphalt.

SOLAR COLLECTOR(S)

(2420 SOLAR COLLEC)
 DA January 3, 1991
 BT1 Equipment/Parts - Electrical (DOE FRASE Vocabulary)
 BT2 Equipment
 SO DOE FRASE VOCABULARY

SOLDER

(EPA)
 DA October 12, 1990
 SO Environmental Protection Agency Glossary
 DEF (EPA) A metallic compound used to seal the joints between pipes. Until recently, most solder contained 50 percent lead.

SOLDERING IRON(S)

(2979 SOLDERING IR)
 DA January 3, 1991
 BT1 Tools - Powered
 BT2 Tools (DOE FRASE Vocabulary)
 BT3 Equipment
 SO DOE FRASE VOCABULARY

SOLE(S)

(1130 SOLE)
 DA November 28, 1990
 BT1 Foot/Feet
 BT2 Human Body Parts
 RT Foot Protection
 SO DOE FRASE VOCABULARY

SOLE SOURCE AQUIFER

(SDWA; CFR; EPA)
 DA October 12, 1990
 BT1 Aquifers
 BT2 Formations
 RT Underground Sources of Drinking Water
 SO Environmental Protection Agency Glossary
 DEF An aquifer that supplies 50 percent or more of the drinking water of an area.

SOLENOID(S)

(2421 SOLENOID)
 DA January 3, 1991
 BT1 Equipment/Parts - Electrical (DOE FRASE Vocabulary)
 BT2 Equipment
 SO DOE FRASE VOCABULARY

SOLID STATE PROTECTION SYSTEM

DA January 8, 1991
 SF SSPS
 BT1 Systems

SOLID WASTE ASSESSMENT TEST

DA January 8, 1991
 SF SWAT
 RT Assessments

SOLID-WASTE-DERIVED FUEL

(CFR)
 DA January 24, 1991
 BT1 Fuels
 RT Solid Wastes
 SO Environmental Management
 DEF (CFR) A fuel that is produced from solid waste that can be used as a primary or supplementary fuel in conjunction with or in place of fossil fuels. The solid-waste-derived fuel can be in the form of raw (unprocessed) solid waste, shredded (or pulped) and classified solid waste, gas or oil derived from pyrolyzed solid waste, or gas derived from the biodegradation of solid waste.

SOLID WASTE DISPOSAL

(EPA)
 DA October 12, 1990
 BT1 Disposal
 BT2 Waste Management Processes
 BT3 Processes
 NT1 Phased Disposal
 RT Cells
 RT Landfill Cells
 RT Open Dumps
 RT Sanitary Landfills

RT Solid Wastes
 RT Solid Waste Management
 SO Environmental Protection Agency Glossary
 DEF (EPA) The final placement of refuse that is not salvaged or recycled.

SOLID WASTE DISPOSAL ACT

DA January 8, 1991
 SF SWDA
 BT1 Acts
 BT2 Statutes and Regulations
 BT1 Appropriate Act and Regulations
 DEF The original Act of 1965 provided for a national research and development program into improved methods of disposal, and for a program of technical and financial assistance to state and local governments. Under the Act, solid waste experts were assembled into a new office and grants were made for research, technology demonstration, development of area-wide management systems, development of state and interstate plans, and personnel training.

SOLID WASTE MANAGEMENT

(SWDA; RCRA; USC; EPA)
 DA October 12, 1990
 BT1 Waste Management
 BT2 Processes
 NT1 Compaction
 NT1 Refuse Reclamation
 RT Comminution
 RT Interstate Agencies
 RT Intermunicipal Agencies
 RT Long Term Contracts
 RT Solid Wastes
 RT Solid Waste Management Facilities
 RT Solid Waste Planning
 RT Solid Waste Disposal
 SO Environmental Protection Agency Glossary
 SO Wastes
 DEF Supervised handling of waste materials from their source through recovery processes to disposal.

SOLID WASTE MANAGEMENT

FACILITIES
 (SWDA; RCRA; CFR; USC)
 DA October 12, 1990
 BT1 Facilities
 RT Resource Recovery Systems
 RT Resource Recovery Facilities
 RT Solid Waste Management
 SO Environmental Management
 SO Wastes
 DEF (USC) (A) Any resource recovery systems or components thereof; (B) any systems, programs, or facilities for resource conservation; and (C) any facilities for the collection, source separation, storage, transportation, transfer, processing, treatment or disposal

of solid wastes, including hazardous wastes, whether such facilities are associated with facilities generating such wastes or otherwise.

SOLID WASTE MANAGEMENT UNITS

DA January 8, 1991
 SF SWMU
 BT1 Corrective Action Management Units
 BT2 Sites/Areas

SOLID WASTE PLANNING

(SWDA; RCRA; USC)
 DA October 12, 1990
 BT1 Resource Recovery
 BT2 Pollution Recovery Processes
 BT3 Processes
 RT Resource Conservation
 RT Solid Wastes
 RT Solid Waste Management
 SO Wastes
 DEF (USC) Includes planning or management respecting resource recovery and resource conservation.

SOLID WASTE STORAGE AREA

DA January 8, 1991
 SF SWSA
 BT1 Sites/Areas

SOLID WASTES

(SWDA; SDWA; EPA; ESH; EMER)
 DA November 13, 1990
 SY Refuse
 BT1 Wastes
 NT1 Agricultural Solid Wastes
 NT1 Bulky Wastes
 NT1 Commercial Solid Wastes
 NT1 Institutional Solid Wastes
 NT1 Medical Wastes
 NT1 Municipal Solid Wastes
 NT2 Sewage
 NT3 Raw Sewage
 NT1 Residential Solid Wastes
 NT1 Rubbish
 NT1 Special Wastes
 NT1 Tailings
 NT2 Asbestos Tailings
 NT2 New Tailings
 RT Bottom Ash
 RT Discarded Materials
 RT Effluents
 RT Piles (Wastes)
 RT Recovered Materials
 RT Recovered Resources
 RT Scrap
 RT Solid Waste Management
 RT Solid Waste Planning
 RT Solid-Waste-Derived Fuel
 RT Solid Waste Disposal
 RT Transfer Stations
 SO Emergency Preparedness
 SO Environmental Management
 SO Environmental Protection Agency Glossary

SO Wastes

DEF (EPA) Nonliquid, nonsoluble materials ranging from municipal garbage to industrial wastes that contain complex, and sometimes hazardous, substances. Solid wastes also include sewage sludge, agricultural refuse, demolition wastes, and mining residues. Technically, solid waste also refers to liquids and gases in containers. (ESH) Garbage, refuse, sludges, and other discarded solid materials resulting from industrial and commercial operations and from community activities. It does not include solids or dissolved material in domestic sewage or other significant pollutants in water resources, such as silt, dissolved or suspended solids in industrial wastewater effluents, dissolved materials in irrigation return flows or other common water pollutants.

SOLIDIFICATION AND STABILIZATION

(EPA)
DA October 12, 1990
BT1 Wastewater Treatment Processes
BT2 Treatment
BT3 Waste Management Processes
BT4 Processes
SO Environmental Protection Agency Glossary
DEF (EPA) Removal of wastewater from a waste or changing it chemically to make the waste less permeable and susceptible to transport by water.

SOLIDS

(SWDA; RCRA)
DA October 12, 1990
BT1 Materials
NT1 Dissolved Solids
NT1 Flammable Solids
NT1 Precipitates
NT1 Settleable Solids
NT1 Total Dissolved Solids
NT1 Total Suspended Solids
RT Bar Screens
DEF (SWDA; RCRA) Materials that have a vertical flow of two inches (50 mm) or less within a three-minute period, or a separation of one gram (1 g) or less of liquid when determined in accordance with the procedures specified in ASTM D 4359-84 Standard Test Method for Determining Whether a Material is a Liquid or Solid, 1984 edition.

SOLUTIONS

(SWDA; RCRA; CFR)
DA October 12, 1990
BT1 Mixtures
NT1 Copper Mattes
RT Sanitary Landfills

RT Vehicles

DEF (CFR) Any homogeneous liquid mixture of two or more chemical compounds or elements that will undergo segregation under conditions normal to transportation.

SOLVENTS

(EPA)
DA October 12, 1990
NT1 Chlorinated Solvents
NT1 Exempt Solvents
NT1 Oxygenated Solvents
RT Double Wash/Rinse
RT Hazards
RT Inert Ingredients
SO Environmental Management
SO Environmental Protection Agency Glossary
DEF (EPA) Substances (usually liquid) capable of dissolving or dispersing one or more other substances.

SOMATIC RADIATION EFFECTS

(IAEA)
DA October 12, 1990
BT1 Effects
RT Irradiation
SO Radiation
DEF (IAEA) Radiation effects occurring in the exposed individual. (NRC Glossary of Terms: Nuclear Power and Radiation) Effects of radiation limited to the exposed individual, as distinguished from genetic effects, which may also affect subsequent unexposed generations.

SOOT

(EPA)
DA October 12, 1990
BT1 Dust
BT2 Air Pollutants
RT Air Pollution
RT Coal
RT Fly Ash
RT Smoke
SO Environmental Protection Agency Glossary
DEF (EPA) Carbon dust formed by incomplete combustion.

SOP (Management)

DA October 12, 1990
SEE Standard Operating Procedures
SO Acronyms
SO Management

SOP (Standard Operating Power)

DA October 12, 1990
SEE Standard Operating Power
SO Acronyms

SORPTION

(EPA)
DA October 12, 1990
 processing, treatment or disposal

BT2 Processes

RT Absorption (Waste)
RT Absorption (Chemical)
RT Activated Carbon
RT Carbon Adsorbers
RT Pollution Recovery Processes
SO Environmental Protection Agency Glossary
DEF (EPA) The action of soaking up or attracting substances. A process used in many pollution control systems.

SORV

DA October 12, 1990
SEE Stuck-Open Relief Valve
SO Acronyms

SOURCE CONTROL MAINTENANCE MEASURES

(ANL; CFR)
DA May 24, 1991
BT1 Maintenance
BT2 Activities
RT Source Control Remedial Actions
SO Management
SO Wastes
DEF (CFR) Those measures intended to maintain the effectiveness of source control actions once such actions are operating and functioning properly, such as the maintenance of landfill caps and leachate collection systems.

SOURCE CONTROL REMEDIAL ACTIONS

(CERCLA; CFR)
DA October 12, 1990
BT1 Remedial Actions
BT2 Actions
BT3 Responses
RT Engineering Control Zones
RT Source Control Maintenance Measures
SO Compensation and Liability
DEF Measures that are intended to contain the hazardous substances or pollutants or contaminants where they are located or eliminate potential contamination by transporting the hazardous substances or pollutants or contaminants to a new location. Source control remedial actions may be appropriate if a substantial concentration or amount of hazardous substances or pollutants or contaminants remains at or near the area where they are originally located and inadequate barriers exist to retard migration of hazardous substances or pollutants or contaminants into the environment. Source control remedial actions may not be appropriate if most hazardous substances or pollutants or contaminants have migrated from the area.
SO Glossary

or if the lead agency determines that the hazardous substances or pollutants or contaminants are adequately contained.

and private utilities, in such a manner as to encourage the most widespread and economical use.

SOURCE MATERIALS

(NCRP; EMER)
DA October 12, 1990
BT1 Licensed Materials
BT2 Materials
RT Thorium
RT Uranium
SO Emergency Preparedness
SO Environmental Management
SO Radiation
DEF (NCRP) Materials that contain 0.05 percent or more of natural uranium, thorium, or any combination of the two.

SO₂

DA October 12, 1990
SEE Sulfur Dioxide
SO Acronyms

SO₂F₂

DA October 12, 1990
SEE Sulfuryl Fluoride
SO Acronyms

SP (Suppression Pool)

DA October 12, 1990
SEE Suppression Pool
SO Acronyms

SOUTHEASTERN POWER**ADMINISTRATION**

DA May 15, 1991
BT1 Power Marketing Administrations
SO Management
DEF (U.S. Government Manual) The Administration was created by the Secretary of the Interior in 1950 to carry out functions assigned to the Secretary by the Flood Control Act of 1944, which pertain to the transmission and disposition of surplus electric power and energy generated at reservoir projects that are or may be under the control of the Department of the Army in the states of West Virginia, Virginia, North Carolina, South Carolina, Georgia, Florida, Alabama, Mississippi, Tennessee, and Kentucky.

SOUTHEASTERN UNIVERSITIES RESEARCH ASSOCIATION, INC.

DA January 11, 1991
BT1 DOE Contractors
BT2 Potentially Responsible Parties
BT1 Research and Development Organizations
BT2 Organizations
RT Oak Ridge Operations Office
RT Universities

SOUTHWESTERN POWER**ADMINISTRATION**

DA May 15, 1991
BT1 Power Marketing Administrations
SO Management
DEF (U.S. Government Manual) The Administration carries out the functions assigned to the Secretary by the Flood Control Act of 1944 in the states of Arkansas, Kansas, Louisiana, Missouri, Oklahoma, and Texas. It transmits and disposes of the electric power and energy generated at Federal reservoir projects, supplemented by power purchased from public

SPACE FRAMES

(SEA)
DA October 12, 1990
BT1 Structures (DOE FRASE Vocabulary)
NT1 Building Frame Systems
NT2 Bearing Wall Systems
NT2 Braced Frame
NT3 Concentric Braced Frames
NT3 Eccentric Braced Frames
NT2 Horizontal Bracing Systems
NT2 Lateral Force Resisting System
NT2 Shoring
NT1 Moment Resisting Space Frame
NT2 Intermediate Moment Resisting Space Frame
NT2 Ordinary Moment Resisting Space Frame
NT2 Special Moment Resisting Space Frame
NT1 Vertical Load Carrying Space Frames
SO Construction
DEF (SEA) Three-dimensional structural systems without bearing walls composed of members interconnected so as to function as complete self-contained units with or without the aid of horizontal diaphragms or floor bracing systems.

SPARGER ASSEMBLIES

(NFI)
DA October 12, 1990
BT1 Safe Shutdown System
BT2 Emergency Systems
BT3 Systems
SO Nuclear Facilities Incident Database
SO Radiation
DEF (NFI) Direct flow of neutron poison (ink) and direct stream of heavy water into bulk moderator to mix moderator and reduce temperature gradients, part of Safe Shutdown System (SSS); jets.

SPATULA(S)

(3062 SPATULA)
DA January 3, 1991

BT1 Tools - Manual
BT2 Tools (DOE FRASE Vocabulary)
BT3 Equipment
SO DOE FRASE VOCABULARY

SPC

DA October 12, 1990
SEE Suppression Pool Cooling
SO Acronyms

SPCC

DA October 12, 1990
SEE Spill Prevention Control and Countermeasures Plan
SO Acronyms

SPECIAL ANALYTICAL SERVICES

(EPA)
DA October 12, 1990
BT1 Analyses
SO Environmental Protection Agency Glossary
DEF (EPA) Non-standardized analyses conducted under the Contract Laboratory Program (CLP) to meet user requirements that cannot be met using RAS, such as shorter analytical turnaround time, lower detection limits, and analysis of non-standard matrices or non-TCL compounds.

SPECIAL AQUATIC SITES

(CWA; RHA; CFR)
DA October 12, 1990
BT1 Sites/Areas
RT Aquatic Environment
SO Water Pollution
DEF Geographic areas, large or small, possessing special ecological characteristics of productivity, habitat, wildlife protection, or other important and easily disrupted ecological values. These areas are generally recognized as significantly influencing or positively contributing to the general overall environmental health or vitality of the entire ecosystem of a region. (See 40 CFR 230.10(a)(3).)

SPECIAL FORM

(EMER)
DA February 1, 1991
BT1 Materials
RT Normal Form
SO Emergency Preparedness
DEF (EMER) Materials which are not dispersible because of their form (e.g., strongly encapsulated solids) and, therefore, present little or no possibility of contamination although they might present some direct radiation hazard [49 Code of Federal Regulations Part 173.389 (g)]. (See normal form.)

SPECIAL FORM RADIOACTIVE MATERIALS

(DOE Order 5480.3; CFR)

DA October 12, 1990

BT1 Radioactive Materials

BT2 Materials

SO Environmental Management

SO Hazardous Materials

DEF (CFR) To qualify as special form the radioactive material must either be in massive solid form or encapsulated. Special tests that are required of special form material are explained in 49 CFR 173.403. (ESH) Radioactive materials that satisfy the following conditions: (1) It is either a single solid piece or is contained in a sealed capsule that can be opened only by destroying the capsule; (2) the piece or capsule has at least one dimension not less than 5 millimeters (0.197); and (3) it satisfies the test requirements of Sec. 173.469. Special form encapsulations designed in accordance with the requirements of Sec. 173.389(g) in effect on June 30, 1983, and constructed prior to July 1, 1985, may continue to be used. Special form encapsulations designed or constructed after July 1, 1985, must meet the requirements of this paragraph.

SPECIAL HEALTH SUPERVISION (IAEA)

DA October 12, 1990

BT1 Investigations

BT2 Administrative Processes

BT3 Processes

RT Occupational Medicine

RT Occupational Exposure

RT Working Condition A

SO Radiation

DEF (IAEA) Special medical investigations carried out for workers exposed under Working Condition A.

SPECIAL ISOTOPE SEPARATOR

DA January 8, 1991

SF SIS

BT1 Reactor Components

SPECIAL MOMENT RESISTING SPACE FRAME

(SEA)

DA October 12, 1990

SF SMRSF

BT1 Moment Resisting Space Frame

BT2 Space Frames

BT3 Structures (DOE FRASE Vocabulary)

RT Dual Systems

SO Construction

DEF (SEA) A moment resisting space frame specially detailed to provide ductile behavior.

SPECIAL NUCLEAR MATERIAL OF LOW STRATEGIC SIGNIFICANCE (CFR)

DA January 29, 1991

BT1 Special Nuclear Materials

BT2 Licensed Materials

BT3 Materials

BT2 Security Interests

SO Environmental Management

DEF (CFR) Less than a formula quantity of strategic special nuclear material but more than 1000 grams of uranium-235 (contained in uranium enriched to 20% or more in the U235 isotope) or more than 500 grams of uranium-233 or plutonium or in a combined quantity of more than 100 grams when computed by the equation, grams = (grams contained U235) + 2(grams U235 + grams plutonium); or (2) 10,000 grams or more of uranium-235 (contained in uranium enriched to 10% or more but less than 20% in the U235 isotope).

SPECIAL NUCLEAR MATERIAL SCRAP (CFR)

DA January 24, 1991

BT1 Scrap

BT1 Special Nuclear Materials

BT2 Licensed Materials

BT3 Materials

BT2 Security Interests

SO Environmental Management

DEF (CFR) The various forms of special nuclear material generated during chemical and mechanical processing, other than recycle material and normal process intermediates, which are unsuitable for use in their present form, but all or part of which will be used after further processing.

SPECIAL NUCLEAR MATERIALS

(DOE Order 6430.1A; EMER)

DA October 12, 1990

SF SNM

BT1 Licensed Materials

BT2 Materials

BT1 Security Interests

NT1 Special Nuclear Material Scrap

NT1 Special Nuclear Material of Low Strategic Significance

NT1 Strategic Special Nuclear Materials

RT Formula Quantities

RT Producing (Special Nuclear Materials)

RT Production Facilities

RT SNM Vault

RT Utilization Facilities

SO Construction

SO Emergency Preparedness

SO Environmental Management

DEF (DOE Order 6430.1A) Plutonium, uranium-233, uranium enriched in uranium-233 or in uranium-235, or any material artificially enriched in

any of the foregoing (but does not include source material) and any other material that, pursuant to the provisions of Section 51 of the Atomic Energy Act of 1954, as amended, has been determined to be special nuclear material.

SPECIAL NUCLEAR MATERIALS EMERGENCIES (EMER)

(EMER)

DA February 1, 1991

BT1 Safeguards and Security Emergencies

BT2 Emergencies

BT3 Reportable Occurrences

BT4 Occurrences

SO Emergency Preparedness

DEF (EMER) Any situation involving stolen, lost, or unauthorized possession of source material, special nuclear material, by-product material of U.S. and/or foreign manufacture, improvised nuclear explosives, or radioactive dispersal devices or the threatened use of said items.

SPECIAL POPULATIONS (EMER)

(EMER)

DA February 1, 1991

BT1 Populations

SO Emergency Preparedness

DEF (EMER) Public groups located within the plume exposure emergency planning zone who, in the event the general public is instructed to evacuate, may require special transportation or protective provisions due to institutional confinement, lack of transportation, disability, or the need to staff certain industrial plants or public utilities.

SPECIAL RESPONSE TEAMS (EMER)

(EMER)

DA February 1, 1991

SY Tactical Response Teams

BT1 Response Teams

BT2 Teams

BT3 Administrative Organizations

BT4 Organizations

SO Emergency Preparedness

DEF (EMER) Groups of one or more armed security inspectors who are specially trained and equipped to respond to security incidents. Also called Tactical Response Teams.

SPECIAL REVIEWS (EPA)

(EPA)

DA October 12, 1990

BT1 Reviews

BT2 Administrative Processes

BT3 Processes

RT Risk Assessment

SO Environmental Management

SO Environmental Protection Agency Glossary

DEF (EPA) Formerly known as Rebuttable Presumption Against Registration (RPAR), this is the regulatory process through which existing pesticides suspected of posing unreasonable risks to human health, non-target organisms, or the environment are referred for review by EPA. The review requires an intensive risk/benefit analysis with opportunity for public comment. If the risk of any use of a pesticide is found to outweigh social and economic benefits, regulatory actions – ranging from label revisions and use-restriction to cancellation or suspended registration – can be initiated.

SPECIAL SOURCE OF GROUND WATER

(ANL; CFR)

DA May 24, 1991

RT Controlled Areas

RT Drinking Water Supplies

RT Groundwater

SO Wastes

SO Water Pollution

DEF (CFR) Those Class I ground waters identified in accordance with Agency's Ground-Water Protection Strategy published in August 1984 that: (1) Are within the controlled area encompassing a disposal system or are less than five kilometers beyond the controlled area; (2) are supplying drinking water for thousands of persons as of the data that the Department chooses a location within that area for detailed characterization as a potential site for a disposal system (e.g., in accordance with Section (112(b)(1)(B) of the NFWPA); and (3) are irreplaceable in that no reasonable alternative source of drinking water is available to that population.

SPECIAL WASTES

(CFR)

DA January 24, 1991

BT1 Solid Wastes

BT2 Wastes

SO Environmental Management

DEF (CFR) Nonhazardous solid wastes requiring handling other than that normally used for municipal solid waste.

SPECIAL WEAPONS

(DOE Order 5480.16)

DA October 12, 1990

RT Firearms

RT Munitions

RT Protective Force Personnel

SO Firearms

DEF (DOE Order 5480.16) Include all weapons that are not normally issued to protective force personnel and include certain firearms, land mines, booby traps, and demolition charges.

SPECIALLY DESIGNATED LANDFILLS (ESH)

DA November 20, 1990

BT1 Landfills

BT2 Land Disposal Units

BT3 Disposal Units

BT4 Corrective Action Management Units

BT5 Sites/Areas

DEF (ESH) Landfills at which complete long-term protection is provided for the quality of surface and subsurface waters from pesticides, pesticide containers, and pesticide-related wastes deposited therein, and against hazard to public health and the environment. Such sites should be located and engineered to avoid direct hydraulic continuity with surface and subsurface waters, and any leachate or subsurface flow into the disposal area should be contained within the site unless treatment is provided. Monitoring wells should be established and a sampling and analysis program conducted. The location of the disposal site should be permanently recorded in the appropriate local office of legal jurisdiction. Such facility complies with the Agency Guidelines for the Land Disposal of Solid Wastes as prescribed in 40 CFR Part 241.

SPECIES

(SWDA; ESA; CFR; EPA)

DA October 12, 1990

NT1 Candidates

NT1 Endangered Species

NT2 Listed Species

NT1 Resident Species

NT1 Threatened Species

SO Endangered Species

SO Environmental Protection Agency Glossary

DEF (CFR) Includes any subspecies of fish or wildlife or plants, and any distinct population segment of any species of vertebrate fish or wildlife which interbreeds when mature. Excluded is any species of the Class Insecta determined by the Secretary to constitute a pest whose protection under the provisions of the Endangered Species Act would present an overwhelming and overriding risk to man.

SPECIFIC ACTIVITY

(NIH)

DA October 12, 1990

BT1 Activity (Nuclear)

BT2 Measurements

NT1 Low Specific Activity

RT Radioactivity

SO Environmental Management

SO Radiation

DEF (NIH) Total radioactivity of a given nuclide per gram of a compound, element or radioactive nuclide.

SPECIFIC CONTROL FACTORS

(MORT)

DA April 2, 1991

RT Accidents

RT Assumed Risks

RT Corrective Actions

RT Management System Factors

RT Root Causes

RT Root Cause Analysis

SO Management

DEF (MORT) MORT analysis asks: What were the specific control factors of the management system that were overlooked or omitted? A detailed understanding of the incident/accident sequence leads naturally to: (1) consideration of the Management System Factors and (2) judgement whether the fault (failure potential was an assumed risk.

SPECIFIC IONIZATION

DA November 15, 1990

BT1 Measurements

RT Ionization

SO Environmental Management

SO Radiation

DEF The number of ion pairs per unit length of path of ionizing radiation in a medium (e.g., per centimeter of air or per micron of tissue).

SPECIFICATIONS

(CFR)

DA January 24, 1991

BT1 Requirements

NT1 Contract Specifications

NT1 Guide Specifications

NT1 Operational Specifications

NT1 Project Design Criteria

NT1 Technical Specifications

RT General Design Criteria

RT Graded Approach

RT Quality Control

RT Standards

SO Environmental Management

DEF (CFR) A clear and accurate description of the technical requirement for materials, products or services, which specifies the minimum requirement for quality and construction of materials and equipment necessary for an acceptable product. In general, specifications are in the form of written descriptions, drawings,

prints, commercial designations, industry standards, and other descriptive references.

SPECIFIED PORTS AND HARBORS

(CERCLA; CFR)

DA October 12, 1990

BT1 Sites/Areas

RT Inland Waters

SO Compensation and Liability

DEF Those port and harbor areas on inland rivers, and land areas immediately adjacent to those waters, where the USCG acts as pre-designated on-scene coordinator. Precise locations are determined by EPA/USCG regional agreements and identified in Federal regional contingency plans.

SPECIMENS

(ESA; TSCA; CFR)

DA October 12, 1990

BT1 Samples

SO Endangered Species

SO Environmental Management

SO Hazardous Materials

DEF Materials derived from a test system for examination or analysis. (50 CFR 17.3) Any animal or plant, or any part, product, egg, seed or root of any animal or plant.

SPECTROMETER(S)

(2770 SPECTROMETER)

DA January 3, 1991

BT1 Indicator(s)

BT2 Instrument(s)

BT3 Equipment/Parts -
Instrumentation/Measuring
(DOE FRASE Voc.)

BT4 Equipment

SO DOE FRASE VOCABULARY

SPENT FUEL

(EMER)

DA February 1, 1991

BT1 Fuels

RT General Environment

RT Test and Evaluation Facilities

SO Emergency Preparedness

DEF (EMER) Nuclear reactor fuel that has been used in a nuclear reactor and that contains large amounts of highly radioactive fission products.

SPENT MATERIALS

(CFR)

DA January 24, 1991

BT1 Materials

BT1 Scrap

SO Environmental Management

DEF (CFR) Any material that has been used and as a result of contamination can no longer serve the purpose for which it was produced without processing.

SPIDERS

(NFI)

DA October 12, 1990

BT1 Reactor Components

SO Nuclear Facilities Incident Database

SO Radiation

DEF (NFI) Parts of fuel assemblies to retain orifices and provide top seating surface between assemblies and housings; full-flow spiders used for high coolant flow; blanket spiders used in low power and coolant flow in outer regions of lattice.

SPIKED SAMPLES

(ESH)

DA October 12, 1990

BT1 Samples

SO Management

DEF (ESH) Normal samples of material (gas, liquid, or solid) to which a known amount of some substance of interest is added. Spiked samples are used to check on the performance of a routine analysis or the recovery efficiency of an analytical method.

SPILL AREA

(TSCA; CFR)

DA October 12, 1990

BT1 Sites/Areas

RT Soils

RT Spills

RT Spill Boundaries

SO Hazardous Materials

DEF The area of soil on which visible traces of the spill can be observed plus a buffer zone of 1 foot beyond the visible traces. Any surface or object (e.g., concrete sidewalk or automobile) within the visible traces area or on which visible traces of the spilled material are observed is included in the spill area. This area represents the minimum area assumed to be contaminated by PCBs in the absence of precleanup sampling data and is thus the minimum area that must be cleaned.

SPILL BOUNDARIES

(TSCA; CFR)

DA October 12, 1990

BT1 Sites/Areas

RT Spills

RT Spill Area

SO Hazardous Materials

DEF (CFR) The actual area of contamination as determined by postcleanup verification sampling or by precleanup sampling to determine actual spill boundaries. EPA can require additional cleanup when necessary to decontaminate all areas within the spill boundaries to the levels required in this policy (e.g.,

additional cleanup will be required if postcleanup sampling indicates that the area decontaminated by the responsible party, such as the spill area as defined in this section, did not encompass the actual boundaries of PCB contamination).

SPILL PREVENTION CONTROL AND COUNTERMEASURES PLAN

(EPA)

DA October 12, 1990

SF SPCC

BT1 Emergency Plans

BT2 Plans

RT Procedures

SO Environmental Protection Agency

Glossary

DEF (EPA) Plan covering the release of hazardous substances as defined in the Clean Water Act.

SPILLS

(TSCA; CFR)

DA October 12, 1990

SY Leaks

SY Unauthorized Discharges

RT Anticipated Operational

Occurrences

RT Discharges

RT Hazardous Materials Response

Teams

RT Leaks

RT Management of Migrations

RT Pollution

RT Releases

RT Removal

RT Reportable Quantities

RT Spill Area

RT Spill Boundaries

RT Standard Wipe Test

RT Threshold Planning Quantities

SO Environmental Management

SO Hazardous Materials

DEF (CFR) Both intentional and unintentional spills, leaks, and other uncontrolled discharges where the release results in any quantity of PCBs running off or about to run off the external surface of the equipment or other PCB source, as well as the contamination resulting from those releases. This policy applies to spills of 50 ppm or greater PCBs. The concentration of PCBs spilled is determined by the PCB concentration in the material spilled as opposed to the concentration of PCBs in the material onto which the PCBs were spilled. Where a spill of untested mineral oil occurs, the oil is presumed to contain greater than 50 ppm but less than 500 ppm PCBs and is subject to the relevant requirements of this policy.

SPINAL CORD

(1113 SPINAL CORD)
 DA November 28, 1990
 BT1 Nervous System
 BT2 Body System(s)
 BT3 Human Body Parts
 RT Back
 RT Pinched Nerve
 RT Ruptured Disk
 RT Spine
 RT Upper Back
 SO DOE FRASE VOCABULARY

SPINE

(1112 SPINE)
 DA November 28, 1990
 BT1 Bone(s)
 BT2 Human Body Parts
 NT1 Coccyx
 RT Neck
 RT Spinal Cord
 SO DOE FRASE VOCABULARY

SPMS

DA October 12, 1990
 SEE Safety Performance Measurement System
 SO Acronyms

SPOIL

(EPA)
 DA October 12, 1990
 SO Environmental Protection Agency Glossary
 DEF (EPA) Dirt or rock that has been removed from its original location, destroying the composition of the soil in the process, as with strip-mining or dredging.

SPONTANEOUSLY COMBUSTIBLE MATERIALS

(SWDA; RCRA; ESH)
 DA October 12, 1990
 BT1 Materials
 SO Hazardous Materials
 DEF Solid substances (including sludges and pastes) which may undergo spontaneous heating or self-ignition under conditions normally incident to transportation or which may upon contact with the atmosphere undergo an increase in temperature and ignite.

SPP

DA October 12, 1990
 SEE Standard Practice Procedures
 SO Acronyms

SPR

DA October 12, 1990
 SEE Strategic Petroleum Reserve
 SO Acronyms

SPR III

DA October 12, 1990

SEE Sandia Pulse Reactor III
 SO Acronyms

SPRAIN

(1339 SPRAIN)
 DA November 28, 1990
 BT1 Injuries
 RT Strain
 SO DOE FRASE VOCABULARY

SPRAWL

(EPA)
 DA October 12, 1990
 SO Environmental Protection Agency Glossary
 DEF (EPA) Unplanned development of open land.

SPRAY GUN(S)

(2980 SPRAY GUN)
 DA January 3, 1991
 BT1 Tools - Powered
 BT2 Tools (DOE FRASE Vocabulary)
 BT3 Equipment
 SO DOE FRASE VOCABULARY

SPRINKLER SYSTEM

(2051 SPRINKLER SY)
 DA December 10, 1990
 BT1 Dedicated Fire Water Systems
 BT2 Fire Protection Systems
 BT3 Emergency Systems
 BT4 Systems
 BT1 Systems (DOE FRASE Vocabulary)
 BT2 Systems
 RT Fire Suppression System
 SO DOE FRASE VOCABULARY

SPS

DA October 12, 1990
 SEE Safety Precedence Sequence
 SO Acronyms

SQUARE KILOMETERS

DA January 8, 1991
 SF Km²
 BT1 Units of Measure

SQUIMP

(Acronyms and Abbreviations)
 DA October 12, 1990
 BT1 Computer Codes
 DEF A computer code to analyze Probabilistic Risk Assessment (PRA) information; developed at the Idaho National Engineering Laboratory.

SR

DA October 12, 1990
 SEE Savannah River Operations Office
 SO Acronyms

SR/VO

DA October 12, 1990
 SEE Safety/Relief Valve Open
 SO Acronyms

SRC

DA October 12, 1990
 SEE Safety Review Committee
 SO Acronyms

SRO

DA October 12, 1990
 SEE Senior Reactor Operator
 SO Acronyms

SRS

DA October 12, 1990
 SEE Savannah River Site
 SO Acronyms

SRV

DA October 12, 1990
 SEE Safety/Relief Valve
 SO Acronyms

SRW

DA October 12, 1990
 SEE Savannah River Water
 SO Acronyms

SS

DA October 12, 1990
 SEE Shift Supervisor
 SO Acronyms

SSDC

DA January 8, 1991
 SEE System Safety Development Center
 SO Acronyms
 DEF (SSDC) A DOE center located at the Idaho National Engineering Laboratory and operated by EG&G Idaho, Inc. Its functions include the development and application of new technologies, the implementation and analysis of safety information systems, the presentation of training seminars and workshops, and the publication and dissemination of SSDC documents.

SSF/

DA October 12, 1990
 SEE Safety System Functional Inspection
 SO Acronyms

SSOM/

DA October 12, 1990
 SEE Safety System Outage Modification Inspection
 SO Acronyms

SSPS

DA October 12, 1990
 SEE Solid State Protection System
 SO Acronyms

SSPSA

DA October 12, 1990

SEE Seabrook Station Probabilistic Safety Assessment
SO Acronyms

SSR
 DA October 12, 1990
SEE Secondary System Relief
SO Acronyms

SSS (Safe Shutdown System)
 DA October 12, 1990
SEE Safe Shutdown System
SO Acronyms

SSS (Supplementary Safety System)
 DA October 12, 1990
SEE Supplementary Safety System
SO Acronyms

SST
 DA October 12, 1990
SEE Single Shell Tanks
SO Acronyms

ST
 DA October 12, 1990
SEE Sleeve Target
SO Acronyms

STA
 DA October 12, 1990
SEE Shift Technical Advisor
SO Acronyms

STABILIZATION
 (EPA)
 DA October 12, 1990
BT1 Treatment
BT2 Waste Management Processes
BT3 Processes
SO Environmental Protection Agency Glossary
DEF (EPA) Conversion of the active organic matter in sludge into inert, harmless material.

STABILIZATION PONDS
 (EPA)
 DA November 13, 1990
SY Lagoons
BT1 Sites/Areas
RT Holding Ponds
DEF (EPA) A shallow pond where sunlight, bacterial action, and oxygen work to purify wastewater; also used for the storage of wastewaters or spent nuclear fuel rods.

STABLE AIR
 (EPA)
 DA October 12, 1990
BT1 Air
SO Environmental Protection Agency Glossary
DEF (EPA) A mass of air that is not moving normally, so that it holds rather than disperses pollutants.

STACK EFFECT
 (EPA)
 DA October 12, 1990
SY Exhaust Stack
BT1 Effects
RT Stacks
SO Environmental Protection Agency Glossary
DEF (EPA) Used air, as in a chimney, that moves upward because it is warmer than the surrounding atmosphere.

STACK GASES
 (EPA)
 DA November 13, 1990
SY Flue Gases
BT1 Gases
DEF (EPA) The air coming out of a chimney after combustion in the burner it is venting. It can include nitrogen oxides, carbon oxides, water vapor, sulfur oxides, particles, and many chemical pollutants.

STACK TRITIUM MONITOR
 DA January 8, 1991
SF *STM*
BT1 Monitors
BT2 Equipment

STACKS
 (CAA; CFR; EPA)
 DA November 15, 1990
RT Dispersion Techniques
RT Exhaust Gases
RT Flue Gases
RT Particulate Matter Emissions
RT Point Sources
RT Stack Effect
SO Air Pollution
SO Environmental Protection Agency Glossary
DEF (CFR) Points in a source designed to emit solids, liquids, or gases into the air, including a pipe or duct but not including flares. (EPA) Chimneys or smokestacks; vertical pipes that discharge used air.

STAFF ORGANIZATION
 (SSDC)
 DA October 12, 1990
BT1 Organizations
RT Line Organizations
SO System Safety Development Center Glossary
DEF (SSDC) The portion of the total organization which assists the line organization in performance of required function necessary to accomplish the organization's primary mission. This includes both individuals (e.g., staff assistance, coordinators, specialists) and entire organizational elements (e.g.

safety, quality, reliability, legal groups).

STAGING BAYS (IN-PROCESS)
 (DOE Order 6430.1A)
 DA October 12, 1990
BT1 Explosives Bays
BT2 Explosives Buildings
BT3 Structures (DOE FRASE Vocabulary)
RT In-Process Materials
SO Construction
DEF (DOE Order 6430.1A) Bays within an operating building used to stage explosives in excess of four hours supply. This practice is permissible as long as the bays are designed to provide Class II level of protection.

STAGNATION
 (EPA)
 DA October 12, 1990
SO Environmental Protection Agency Glossary
DEF (EPA) Lack of motion in a mass of air or water, which tends to hold pollutants.

STALL/BOOTH(S)
 (1716 STALL;N)
 DA December 10, 1990
BT1 Site (DOE FRASE Vocabulary)
BT2 Sites/Areas
SO DOE FRASE VOCABULARY

STANDARD CUBIC FOOT
 (SWDA; RCRA; ESH)
 DA October 12, 1990
SF *SCF*
BT1 Units of Measure
SO Hazardous Materials

STANDARD CURVE
 (ESH)
 DA October 12, 1990
RT Measurements
RT Units of Measure
SO Management
SO Quality Assurance
DEF (ESH) A curve that plots concentrations of known analyte standard versus the instrument response to the analyte.

STANDARD DEVIATION
 (SSDC)
 DA October 12, 1990
RT Mean
RT Measurements
RT Units of Measure
SO Management
SO System Safety Development Center Glossary
DEF (SSDC) The square root of the average of the squares of the deviations from the mean. In a normal distribution, 68, 95, and 99.7% of all values occur between

> 1, 2, or 3 standard deviations from the means, respectively.

STANDARD JOB PROCEDURES

(SSDC)
 DA October 12, 1990
 SF *SJP*
 BT1 Procedures
 RT Critical Jobs (task)
 RT Proper Job Analysis
 RT Work Processes
 SO System Safety Development Center Glossary
 DEF (SSDC) Tools for teaching the most systematic way to do a critical job consistently with maximum efficiency. Developed by Proper Job Analysis.

STANDARD OF PERFORMANCE

(CAA; CFR; USC)
 DA October 12, 1990
 BT1 Requirements
 RT Excess Emissions
 RT Stationary Sources
 SO Air Pollution
 SO Environmental Management
 SO Hazardous Materials
 DEF (USC) A requirement of continuous emission reduction, including any requirement relating to the operation or maintenance of a source to assure continuous emission reduction. (ESH) Any restriction established by the Administrator pursuant to §306 of the Act on quantities, rates, and concentrations of chemical, physical, and biological and other constituents which are or may be discharged from new sources into navigable waters, the waters of the contiguous zone, or the ocean.

STANDARD OPERATING POWER

DA January 8, 1991
 SF *SOP (Standard Operating Power)*

STANDARD OPERATING PROCEDURES

(CAA; CFR; EMER)
 DA October 12, 1990
 SF *SOP (Management)*
 BT1 Operating Procedures
 BT2 Procedures
 SO Air Pollution
 SO Emergency Preparedness
 SO Management
 DEF (CFR) Formal written procedures officially adopted by the plant owner or operator and available on a routine basis to those persons responsible for carrying out the procedures.

STANDARD PRACTICE PROCEDURES

DA January 8, 1991
 SF *SPP*

BT1 Procedures
 SO Management

STANDARD PRESSURE

(CAA; CFR)
 DA October 12, 1990
 BT1 Pressure (Surface)
 BT2 Pressure
 SO Air Pollution
 DEF (CFR) A temperature of 760 mm of Hg (29.92 in. of Hg).

STANDARD SAMPLE

(SWDA; CFR)
 DA October 12, 1990
 BT1 Samples
 RT Aliquots
 RT Coliform Organisms
 RT Monitoring
 SO Water Pollution
 DEF (CFR) The aliquot of finished drinking water that is examined for the presence of coliform bacteria.

STANDARD TEMPERATURE

(CAA; CFR)
 DA October 12, 1990
 BT1 Measurements
 SO Air Pollution
 DEF (CFR) A temperature of 20 deg. C (69 deg. F).

STANDARD WIPE TEST

(TSCA; CFR)
 DA October 12, 1990
 RT Cleanup
 RT High Concentration PCBs
 RT Spills
 SO Hazardous Materials
 DEF (CFR) For spills of high-concentration PCBs on solid surfaces, a cleanup to numerical surface standards and sampling by a standard wipe test to verify that the numerical standards have been met. This definition constitutes the minimum requirements for an appropriate wipe testing protocol. A standard-size template (10 centimeters (cm) x 10 cm) will be used to delineate the area of cleanup; the wiping medium will be a gauze pad or glass wool of known size which has been saturated with hexane. It is important that the wipe be performed very quickly after the hexane is exposed to air. EPA strongly recommends that the gauze (or glass wool) be prepared with hexane in the laboratory and that the wiping medium be stored in sealed glass vials until it is used for the wipe test. Further, EPA requires the collection and testing of field blanks and replicates.

STANDARDS

(DOE Orders 5480.1A, 5480.4; CFR; EPA; SSDC)
 DA October 12, 1990
 BT1 Codes, Standards, and Regulations
 NT1 Acceptable Daily Intake
 NT1 Acceptable Intake for Chronic Exposure
 NT1 Acceptable Intake for Subchronic Exposure
 NT1 Air Quality Standards
 NT2 Ambient Air Quality Standards
 NT3 National Ambient Air Quality Standards
 NT4 Primary Standards
 NT4 Secondary Standards
 NT1 Applicable Standards and Limitations
 NT1 Applicable or Relevant and Appropriate Requirements
 NT1 Categorical Pretreatment Standards
 NT1 Commercial Standards
 NT1 Emission Standards
 NT2 National Emissions Standards for Hazardous Air Pollutants
 NT2 New Source Performance Standards
 NT1 Environmental Protection Standards
 NT1 Fuel Economy Standard
 NT1 Government Standards
 NT1 Mandatory Standards
 NT1 National Standards (Air Pollution)
 NT1 Radiation Standards
 NT2 Annual Limit on Intake
 NT2 As Low As Reasonably Achievable
 NT2 As Low As Practicable
 NT1 Reference Standards
 NT1 Technology-Based Standards
 NT1 Voluntary Standards
 NT1 Water Quality Standards
 RT American National Standards Institute
 RT Minimum Requirements and Standards
 RT National Institute of Standards and Testing
 RT Specifications
 RT Standards Information Management System
 SO Environmental Management
 SO Environmental Protection Agency Glossary
 SO Hazardous Materials
 DEF (ASTM) (1) Physical references used as a basis for comparison or calibration; (2) Concepts that has been established by authority, custom, or agreement to serve as a model or rule in the measurement of quality or the establishment of a practice or procedure.

STANDARDS-DEVELOPING GROUPS

(DOE Order 1300.2; EPA)
 DA October 12, 1990
 BT1 Groups
 BT2 Administrative Organizations
 BT3 Organizations
 RT Commercial Standards

BT-Broader Term

NT-Narrower Term

RT Related Term

RT Voluntary Standards Bodies
SO Standards
DEF (DOE Order 1300.2) Committees, subcommittees, boards or other principal subdivisions of voluntary standards bodies, established by such bodies for the purpose of developing, revising, or reviewing standards, and which are bound by the procedures of those bodies.

STANDARDS INFORMATION MANAGEMENT SYSTEM (SSDC)

DA January 8, 1991
SF *S/MS*
BT1 Safety Performance Measurement System
 BT2 Information Systems
 BT3 Security Interests
 BT3 Systems
RT Standards
SO Environmental Management
SO Management
DEF (SSDC) This system provides access to two standards databases: (1) a set of general industrial standards developed by Argonne National Laboratory, and (2) a set of safety standards developed by Reynolds Electric and Engineering Company at the Nevada Test Site.

STANDBY

(DOE Orders 5480.6, 5480.18; EPA)
DA October 12, 1990
BT1 Conditions
SO Industrial Safety
SO Standards
DEF That condition in which a reactor facility is neither operable nor declared excess, and documentary authorization exists to maintain the reactor for possible future operation.

STANDBY DIESEL GENERATOR

DA January 8, 1991
SF *SCG*
BT1 Diesel Generator
 BT2 Equipment

STANDBY GAS TREATMENT SYSTEM

DA January 8, 1991
SF *SGTS*
BT1 Systems

STANDBY LIQUID CONTROL SYSTEM

DA January 8, 1991
SF *SLCS*
BT1 Control Systems
 BT2 Controls
 BT2 Systems

STANDBY POWER

(DOE Order 6430.1A)
DA October 12, 1990
RT Emergency Power

RT Uninterruptible Power Supplies
SO Construction
DEF (DOE Order 6430.1A) A reserve power generation or supply with switching devices that will supply power to selected loads in the event of a normal power failure. It is not required to have redundant equipment or to operate through events greater than UBC. A standby power system shall not be classified SC-1.

STANFORD LINEAR ACCELERATOR CENTER

DA January 8, 1991
SF *SLAC*
BT1 Centers
 BT1 Government-Owned
 Contractor-Operated Facilities
 BT2 Federal Facilities
 BT3 Facilities
RT Stanford University
DEF (Capsule Review of DOE Research and Development and Field Facilities, 1986) Carries out experimental and theoretical research in high energy physics and developmental work in new techniques for particle acceleration and experimental instrumentation. The Center's main research instrument is a two mile long linear electron accelerator, the largest in the world.

STANFORD UNIVERSITY

DA January 11, 1991
BT1 DOE Contractors
 BT2 Potentially Responsible Parties
BT1 Universities
 BT2 Educational Organizations
 BT3 Organizations
RT San Francisco Operations Office
RT Stanford Linear Accelerator Center

START-UP PROCEDURE

(1244 SU PROCEDURE)
DA November 28, 1990
RT Pre Start-Up/ Calibration Activity
SO DOE FRASE VOCABULARY

STARTER

(2422 STARTER)
DA January 3, 1991
BT1 Equipment/Parts - Electrical (DOE FRASE Vocabulary)
 BT2 Equipment
SO DOE FRASE VOCABULARY

STARTER CARTRIDGES

(HMTA; CFR)
DA May 20, 1991
BT1 Class B Explosives
 BT2 Explosives
RT Aircraft
SO Hazardous Materials
DEF (CFR) Jet engine, Class B explosives consist of plastic

and/or rubber cases, each containing a pressed cylindrical block of propellant explosive and having in the top of the case a small compartment that encloses an electrical squib, small amounts of black powder, and smokeless powder, which constitutes an igniter. The starter cartridge is used to activate a mechanical starter for jet engines.

STARTUP

(CAA; CFR)
DA October 12, 1990
BT1 Processes
NT1 Initial Startup
RT Stationary Sources
SO Air Pollution
DEF (CFR) The setting in operation of a source for any purpose. (40 CFR 60.02) The setting in operation of a stationary source for any purpose.

STATE AGENCIES

(CAA; ESA; CFR)
DA October 12, 1990
BT1 Agencies
 BT2 Administrative Organizations
 BT3 Organizations
NT1 Air Pollution Control Agencies
 NT2 Interstate Air Pollution Control Agencies
 NT1 Colorado Department of Health
 NT1 Division of the State Fire Marshall
 NT1 Implementing Agencies
 NT1 Interstate Agencies
 NT2 Interstate Air Pollution Control Agencies
 NT1 Missouri Department of Natural Resources
 NT1 New Mexico Environmental Improvement Division
 NT1 Ohio Bureau of Underground Storage Tank Regulation
 NT1 Ohio Department of Commerce
 NT1 Ohio Department of Health
 NT1 Ohio Environmental Protection Agency
 NT1 Procuring Agencies
 NT1 State Routing Agencies
 NT1 State Emergency Response Commission
 NT1 State Authority
 NT1 Tennessee Department of Commerce
 NT2 Bureau of Environment
 NT1 Utah Department of Health
RT Air Pollution Control Agencies
RT Approved Programs
RT Approved State Primacy Program
RT Authorized Officers
RT Federal Agencies
RT Lead Agencies
RT Natural Resource Trustees
RT States
SO Air Pollution
SO Endangered Species
DEF Any State agencies, departments,

boards, commissions, or other governmental entities that are responsible for the oversight and management of official programs designated for their respective states

STATE AND TRIBAL GOVERNMENT WORKING GROUP

DA January 8, 1991
SF *STGWG*
BT1 Groups
BT2 Administrative Organizations
BT3 Organizations

STATE AUTHORITY

(SWDA; RCRA; CFR)
DA October 19, 1990
BT1 State Agencies
BT2 Agencies
BT3 Administrative Organizations
BT4 Organizations
RT States
SO Wastes
DEF The agency established or designated under section 4007 [42 USCS 6947].

STATE COORDINATING OFFICERS

(EMER)
DA February 1, 1991
BT1 Personnel
SO Emergency Preparedness
DEF (EMER) Officials designated by the governor of the affected state to work with the cognizant federal agency official and senior FEMA official in coordinating the response effort of federal, state, local, volunteer, and private agencies.

STATE COORDINATION

(DOE Order 5440.1D)
DA May 15, 1991
BT1 Administrative Processes
BT2 Processes
RT Environmental Assessments
SO Environmental Management
DEF (DOE Order) The process by which a host State and, as appropriate, adjacent states are provided the opportunity to review and comment on an Environmental Assessment before DOE approval.

STATE-DESIGNATED ROUTES

(SWDA; RCRA; ESH)
DA October 12, 1990
BT1 Preferred Routes
BT2 Routes (Transportation)
SO Hazardous Materials
DEF Preferred routes selected in accordance with U.S. DOT Guidelines for Selecting Preferred Highway Routes for Highway Route Controlled Quantities of Radioactive Materials or an equivalent routing analysis which

adequately considers overall risk to the public.

STATE DIRECTOR

(SWDA; RCRA; CFR)
DA October 12, 1990
BT1 Personnel
RT Directors
RT PSD Permits
SO Wastes
SO Water Pollution
DEF (CFR) The chief administrative officer of any State or interstate agency operating an "approved program," or the delegated representative of the state Director. If responsibility is divided among two or more State or interstate agencies, "State Director" means the chief administrative officer of the State or interstate agency authorized to perform the particular procedure or function to which reference is made.

STATE EMERGENCY RESPONSE

COMMISSION
(EPA; EMER)
DA October 12, 1990
SF *SERC*
BT1 State Agencies
BT2 Agencies
BT3 Administrative Organizations
BT4 Organizations
SO Emergency Preparedness
SO Environmental Protection Agency Glossary
DEF (EPA) Commission appointed by each state governor according to the requirements of SARA Title III. The SERC's designated emergency planning districts, appoint local emergency planning committees, and supervise and coordinate their activities.

STATE HAZARDOUS WASTES

(DOE Order 5400.3)
DA October 12, 1990
BT1 Hazardous Wastes
BT2 Hazardous Materials
BT3 Materials
BT2 Wastes
SO Wastes
DEF (DOE Order 5400.3) Waste defined as hazardous by a State. Pursuant to RCRA Section 6001, DOE is subject to and must comply with State requirements respective to solid and hazardous waste management.

STATE IMPLEMENTATION PLANS

(CAA; EPA; ESH)
DA October 12, 1990
SF *SIP*
BT1 Plans
RT Allowable Emissions

SO Air Pollution
SO Environmental Protection Agency Glossary
DEF EPA-approved state plans for the establishment, regulation, and enforcement of air pollution standards. (ESH) Plans required of each State under Section 110 of the Clean Air Act which provide for implementation, maintenance, and enforcement of primary and secondary ambient air quality standards within the State. Among other requirements, they contain the following key elements: (1) Attainment and Maintenance of primary ambient air quality standards within three years, and the secondary standards within a reasonable time thereafter; (2) emission standards which limit the quantity of pollutants which can be emitted from facilities or groups of facilities. These limits at the very least must be applicable to the criteria pollutants; and (3) procedures for reviewing the impact a new source will have on existing and future air quality.

STATE NOTIFICATION

(DOE Order 5440.1D)
DA May 15, 1991
BT1 Administrative Processes
BT2 Processes
SO Environmental Management
DEF (DOE Order) The process by which a host State and, as appropriate, adjacent States are informed of an initial DOE determination to prepare an Environmental Assessment or Environmental Impact Statement.

STATE PRIMARY DRINKING WATER REGULATION

(CFR)
DA October 19, 1990
BT1 Code of Federal Regulations
BT2 Codes, Standards, and Regulations
BT2 Statutes and Regulations
RT Approved State Primacy Program
RT Primary Drinking Water Regulations
SO Water Pollution
DEF (CFR) A drinking water regulation of a State which is comparable to a national primary drinking water regulation.

STATE PROGRAM REVISIONS

(CFR)
DA October 19, 1990
BT1 Approved State Primacy Program
BT2 Programs
SO Water Pollution
DEF (CFR) Changes in an approved State primacy program.

STATE ROUTING AGENCIES

(SWDA; RCRA; ESH)
 DA October 12, 1990
 BT1 State Agencies
 BT2 Agencies
 BT3 Administrative Organizations
 BT4 Organizations
 RT Preferred Routes
 SO Hazardous Materials
 DEF Entities (including a common agency of more than one State such as one established by interstate compact) which are authorized to use the State legal process to impose routing requirements, enforceable by State agencies, on carriers of radioactive materials without regard to intrastate jurisdictional boundaries. This term also includes Indian tribal authorities which have police powers to regulate and enforce highway routing requirements within their lands.

STATE/EPA AGREEMENTS

(SWDA; RCRA)
 DA October 19, 1990
 BT1 Agreements
 NT1 Superfund Memorandum of Agreement
 RT Interim Authorizations
 SO Wastes
 DEF Agreements between the Regional Administrator and the State which coordinate EPA and State activities, responsibilities and programs.

STATES

(SWDA; RCRA; SDWA; CERCLA; ESA; TSCA; CFR)
 DA October 12, 1990
 NT1 Agreement States
 NT1 Approved States
 NT1 Delegated States
 NT1 Indian Tribes
 RT Assigned Risks
 RT EPA Region
 RT State Agencies
 RT State Authority
 RT Superfund State Contracts
 SO Compensation and Liability
 SO Endangered Species
 SO Hazardous Materials
 SO Wastes
 SO Water Pollution
 DEF One of the States of the United States, the District of Columbia, the Commonwealth of Puerto Rico, the Virgin Islands, Guam, American Samoa, the Trust Territory of the Pacific Islands (except in the case of RCRA), the Commonwealth of the Northern Mariana Islands, or an Indian Tribe treated as a State (except in the case of RCRA). "State Director" means the chief administrative

officer of any State, interstate, or Tribal agency operating an approved program, or the delegated representative of the State director. If the responsibility is divided among two or more States, interstate, or Tribal agencies, "State Director" means the chief administrative officer of any State, interstate, or Tribal agency authorized to perform the particular procedure or function to which reference is made.

STATION

(1717 STATION)
 DA December 10, 1990
 BT1 Site (DOE FRASE Vocabulary)
 BT2 Sites/Areas
 NT1 Fire Station
 NT1 Guard Station
 NT1 Work Station
 RT Substation
 SO DOE FRASE VOCABULARY

STATION BLACKOUT

DA January 8, 1991
 SF SBO
 BT1 Conditions

STATIONARY SOURCES

(CAA; CFR; EPA)
 DA October 12, 1990
 SY Fixed Sources
 BT1 Facilities
 NT1 Existing Stationary Facilities
 NT1 Existing Sources
 NT1 Major Stationary Source
 NT2 Major Emitting Facilities
 NT2 Major PSD Stationary Source
 NT1 Modified Sources
 NT1 New Sources
 NT1 Point Sources
 RT Affected Facilities
 RT Allowable Emissions
 RT Construction
 RT Mobile Sources
 RT Modification
 RT Pollution
 RT Potential to Emit
 RT Releases
 RT Standard of Performance
 RT Startup
 SO Air Pollution
 SO Environmental Protection Agency Glossary
 DEF Fixed, non-moving producers of pollution, mainly power plants and other facilities using industrial combustion processes. (40 CFR) Any buildings, structures, facilities, or installations that emit or may emit an air pollution for which a national standard is in effect.

STATUTES AND REGULATIONS

DA January 28, 1991
 NT1 Acts
 NT2 Administrative Procedures Act

NT3 Individual Plant Examination
 NT2 Archaeological Resources Protection Act of 1979
 NT2 Atomic Energy Act
 NT2 Clean Air Act
 NT2 Clean Water Act
 NT2 Comprehensive Environmental Response, Compensation, etc.
 NT2 Endangered Species Act
 NT2 National Environmental Policy Act
 NT2 Nuclear Waste Policy Act
 NT2 Resource Conservation and Recovery Act
 NT2 Safe Drinking Water Act
 NT2 Solid Waste Disposal Act
 NT2 Superfund Amendments and Reauthorization Act of 1986
 NT2 Toxic Substances Control Act
 NT1 Bottle Bill
 NT1 Code of Federal Regulations
 NT2 Federal Aviation Regulation
 NT2 Prevention of Significant Deterioration Regulations
 NT2 Primary Drinking Water Regulations
 NT2 Secondary Drinking Water Regulations
 NT2 State Primary Drinking Water Regulation
 RT Appropriate Act and Regulations
 RT Codes, Standards, and Regulations

STC

DA October 12, 1990
 SEE Single Strip Containers
 SO Acronyms

STEAM GENERATOR

DA January 8, 1991
 SF SG
 BT1 Equipment
 NT1 Fossil Fuel and Wood Residue-Fired Steam Generating Unit
 DEF (NRC Glossary of Terms: Nuclear Power and Radiation) The heat exchanger used in some reactor designs to transfer heat from the primary (reactor coolant) system to the secondary (steam) system. This design permits heat exchange with little or no contamination of the secondary system equipment.

STEAM GENERATOR TUBE RUPTURE

DA January 8, 1991
 SF SGTR
 BT1 Failures
 BT2 Accidents

STEAM PLANT

(1807 STEAM PLANT)
 DA December 10, 1990
 BT1 Building (DOE FRASE Vocabulary)
 BT2 Facilities and Buildings (DOE FRASE Vocabulary)
 BT3 Facilities
 SO DOE FRASE VOCABULARY

STERILIZATION

(EPA)

DA October 12, 1990

BT1 Biological Processes

BT2 Processes

RT Chemosterilants

RT Germicides

SO Environmental Protection Agency
Glossary

DEF (EPA) (1) In pest control, the use of radiation and chemicals to damage body cells needed for reproduction. (2) The destruction of all living organisms in water or on the surface of various materials. In contrast, disinfection is the destruction of most living organisms in water or on surfaces.

STGWG

DA October 12, 1990

SEE State and Tribal Government
Working Group

SO Acronyms

STI

DA October 12, 1990

SEE Surveillance Test Interval
SO Acronyms**STIMULUS-MEDIATION-RESPONSE**

(SSDC)

DA October 12, 1990

BT1 Stimulus-Response

RT Behavioral Stereotypes

RT Human Performance

SO System Safety Development Center
Glossary

DEF (SSDC) The normal way, other than reflex arc response, that people respond to a stimulus. They receive a stimulus and mediate between the input and previous experience before responding.

STIMULUS-RESPONSE

(SSDC)

DA October 12, 1990

NT1 Reflex Arc Responses

NT1 Stimulus-Mediation-Response

SO System Safety Development Center
Glossary

DEF (SSDC) The type of response expected from most hardware wherein the response is consistently the same for a given input. Normally, people do not respond in this manner other than reflex arc response.

STITCHING/SEWING MACHINE

(2145 STITCHING MA)

DA December 10, 1990

BT1 Machines (DOE FRASE
Vocabulary)

BT2 Equipment

SO DOE FRASE VOCABULARY

STM

DA October 12, 1990

SEE Stack Tritium Monitor

SO Acronyms

STOCHASTIC EFFECTS

(DOE Orders 5480.11, 5400.5)

DA October 12, 1990

BT1 Effects

NT1 Radiation Induced Hereditary
Effects

NT1 Radiation Induced Genetic Effects

NT1 Stochastic Radiation Effects

SO Industrial Hygiene

SO Wastes

DEF Biological effects, the probability, rather than the severity, of which is a function of the magnitude of the radiation dose without threshold; i.e., stochastic effects are random in nature. Nonstochastic Effects are biological effects, the severity of which, in affected individuals, varies with the magnitude of the dose above a threshold value.

STOCHASTIC RADIATION EFFECTS

(IAEA)

DA October 12, 1990

BT1 Stochastic Effects

BT2 Effects

RT Irradiation

SO Radiation

DEF (IAEA) Radiation effects, the severity of which is independent of dose and the probability of which is assumed by the ICRP to be proportional to the dose without threshold at the low doses of interest in radiation protection.

STOCK ROOM

(1719 STOCK ROOM)

DA December 10, 1990

BT1 Room

BT2 Sites/Areas

BT1 Storage Area

BT2 Area

BT3 Sites/Areas

SO DOE FRASE VOCABULARY

STORAGE

(SWDA; RCRA; EPA; USC)

DA October 12, 1990

BT1 Waste Management Processes

BT2 Processes

NT1 Burial Operations

NT2 Shallow Land Burial

NT1 Contaminated Water Storage

NT1 Vertical Tube Storage

RT Containers

RT Dry Caves

RT On-Shore Facilities

RT Tanks

RT Treatment, Storage, and Disposal

SO Environmental Protection Agency
Glossary

SO Wastes

DEF (USC) The holding of hazardous

waste for a temporary period, at the end of which the hazardous waste is treated, disposed, or stored elsewhere. (EPA) Temporary holding of waste pending treatment or disposal. Storage methods include containers, tanks, waste piles, and surface impoundments.

STORAGE AREA

(1619 STORAGE AREA)

DA December 10, 1990

BT1 Area

BT2 Sites/Areas

NT1 Stock Room

NT1 Warehouse

SO DOE FRASE VOCABULARY

STORAGE AREA COMPARTMENTS

(DOE Order 6430.1A)

DA October 12, 1990

BT1 Sites/Areas

SO Construction

DEF (DOE Order 6430.1A) An area or series of areas that contain storage enclosures.

STORIES

(SEA)

DA October 12, 1990

NT1 Soft Stories

NT1 Weak Stories

RT Story Drifts

RT Story Shear

SO Construction

DEF (SEA) The spaces between levels. Story x is the story below level x.

STORM SEWERS

(EPA)

DA October 12, 1990

BT1 Sewers

RT Storm Water

RT Urban Runoff

SO Environmental Protection Agency
Glossary

DEF (EPA) Systems of pipes (separate from sanitary sewers) that carry only water runoff from building and land surfaces.

STORM WATER

(SWDA; RCRA)

DA October 19, 1990

BT1 Water

RT Run-off

RT Storm Water Collection Systems

RT Storm Sewers

SO Wastes

DEF Surface water runoff resulting from precipitation.

STORM WATER COLLECTION SYSTEMS

(SWDA; RCRA; CFR)

DA October 12, 1990

SY Waste Water Collection Systems

BT1 Water Systems

BT2 Publicly Owned Treatment Works
 BT3 Treatment Facilities
 BT4 Facilities
 BT2 Systems
 RT Force Mains
 RT Storm Water
 DEF Piping, pumps, conduits, and any other equipment necessary to collect and transport the flow of surface water run-off resulting from precipitation, or domestic, commercial, or industrial wastewater to and from retention areas or any areas where treatment is designated to occur. The collection of storm water and wastewater does not include treatment except where incidental to conveyance.

STORY DRIFT RATIO

(SEA)
 DA October 12, 1990
 BT1 Ratios
 RT Story Drifts
 SO Construction
 DEF (SEA) The story drift divided by the story height.

STORY DRIFTS

(SEA)
 DA October 12, 1990
 RT Stories
 RT Story Drift Ratio
 SO Construction
 DEF (SEA) The displacement of one level relative to the level above or below.

STORY SHEAR

(SEA)
 DA October 12, 1990
 RT Stories
 SO Construction
 DEF (SEA) The summation of design lateral forces above the story under consideration.

STOVE(S)

(2492 STOVE)
 DA January 3, 1991
 BT1 Heater(s)
 BT2 Equipment/Parts - Heating (DOE FRASE Vocabulary)
 BT3 Equipment
 SO DOE FRASE VOCABULARY

STOWAGE

(SWDA; RCRA; ESH)
 DA October 12, 1990
 RT Vessels
 SO Hazardous Materials
 DEF The act of placing hazardous materials on board a vessel.

STRAIGHT EDGE RULER

(2771 STRAIGHT EDG)
 DA January 3, 1991
 BT1 Gauge(s)

BT2 Instrument(s)
 BT3 Equipment/Parts - Instrumentation/Measuring (DOE FRASE Voc.)
 BT4 Equipment
 SO DOE FRASE VOCABULARY

STRAIN

(1340 STRAIN)
 DA November 28, 1990
 BT1 injuries
 RT Sprain
 SO DOE FRASE VOCABULARY

STRANGULATION

(1341 STRANGULATIO)
 DA November 28, 1990
 BT1 Injuries
 SO DOE FRASE VOCABULARY

STRATA

(SDWA; CFR)
 DA October 12, 1990
 RT Confining Beds
 RT Confining Zones
 RT Formations
 SO Water Pollution
 DEF Single sedimentary beds or layers, regardless of thickness, that consist of generally the same kind of rock material. (Singular: stratum).

STRATEGIC PETROLEUM RESERVE

DA January 8, 1991
 SF SPR
 BT1 Government-Owned Contractor-Operated Facilities
 BT2 Federal Facilities
 BT3 Facilities
 RT Boeing Petroleum Services
 DEF (Capsule Review of DOE Research and Development and Field Facilities, 1986) The SPR was created by the Energy Policy and Conservation Act in December 1975. The objective of the SPR program is to stockpile crude oil to reduce the vulnerability of the United States to a severe energy emergency involving a disruption in its petroleum supplies.

STRATEGIC SPECIAL NUCLEAR MATERIALS

(CFR)
 DA January 29, 1991
 BT1 Special Nuclear Materials
 BT2 Licensed Materials
 BT3 Materials
 BT2 Security Interests
 SO Environmental Management
 DEF (CFR) Uranium-235 (contained in uranium enriched to 20% or more in the U235 isotope), uranium-233, or plutonium.

STRATOSPHERE

(EPA)

DA October 12, 1990
 BT1 Atmosphere
 RT Halocarbons
 RT Ozone
 SO Environmental Management
 SO Environmental Protection Agency Glossary
 DEF (EPA) The portion of the atmosphere that is 10 to 25 miles above the Earth's surface.

STRENGTH

(SEA)
 DA October 12, 1990
 NT1 Flexural Strength
 NT1 Required Strength
 SO Construction
 DEF (SEA) The usable capacity of a structure or its members to resist load within the deformation limits.

STRIKE SLIP

(USGS)
 DA October 12, 1990
 SY Horizontal Displacements
 BT1 Surface Faulting
 BT2 Faults
 SO Natural Phenomenon
 DEF (USGS) One of the three main types of surface faulting; in a fault, the component of the movement or slip that is parallel to the strike or perpendicular to the dip of the fault. Horizontal displacement parallel to the strike.

STRIP

(CAA; CFR)
 DA October 12, 1990
 BT1 Processes
 NT1 Removal
 NT2 Dredging
 RT Friable Asbestos
 RT Renovation
 SO Air Pollution
 DEF (CFR) To take off friable asbestos materials from any part of a facility.

STRIP CROPPING

(EPA)
 DA November 13, 1990
 BT1 Cultivating
 RT Contour Plowing
 SO Environmental Protection Agency Glossary
 DEF (EPA) Growing crops in a systematic arrangement of strips or bands which serve as barriers to wind and water erosion.

STRIP MINING

(EPA)
 DA November 13, 1990
 BT1 Mining/Drilling Activity
 BT2 Activity Types (DOE FRASE Vocabulary)
 BT3 Activities
 RT Conventional Mines

SO Environmental Protection Agency Glossary

DEF (EPA) A process that uses machines to scrape soil or rock away from mineral deposits just under the Earth's surface.

STRIPPERS

(CAA; CFR)

DA October 12, 1990

BT1 Equipment

RT Vinyl Chloride

SO Air Pollution

DEF (CFR) Any vessels in which residual vinyl chloride is removed from polyvinyl chloride resin, except bulk resin, in the slurry form by the use of heat and/or vacuum. In the case of bulk resin, strippers include any vessel that is used to remove residual vinyl chloride from polyvinyl chloride resin immediately following the polymerization step in the plant process flow.

STRONG OUTSIDE CONTAINERS

(SWDA; RCRA; ESH)

DA October 12, 1990

BT1 Outside Container

BT2 Containers

SO Hazardous Materials

DEF Outermost enclosure which provides protection against the unintentional release of its contents under conditions normally incident to transportation.

STRONTIUM 90

(EDB)

DA March 29, 1991

BT1 Beta-Minus Decay Radioisotopes

BT2 Beta Decay Radioisotopes

BT3 Radionuclides

BT4 CERCLA Hazardous Substances

BT5 Hazardous Substances

BT4 Nuclides

BT1 Years Living Radioisotopes

BT2 Radionuclides

BT3 CERCLA Hazardous Substances

BT4 Hazardous Substances

BT3 Nuclides

STRUCTURAL COLLAPSE

(DOE Order 6430.1A)

DA October 12, 1990

BT1 Failures

BT2 Accidents

SO Construction

DEF (DOE Order 6430.1A) The failure of a structural component as a direct result of loss of structural integrity of the facility being subjected to various loadings.

STRUCTURAL DAMAGE

(1538 STRUCTURAL D)

DA November 29, 1990

BT1 Damage

BT2 Nature of Property Damage

RT Structures (DOE FRASE Vocabulary)

SO DOE FRASE VOCABULARY

STRUCTURAL MEMBERS

(CAA; CFR)

DA October 12, 1990

NT1 Bearing Wall Systems

RT Bearing Capacity

RT Construction

RT Demolition

RT Flexible Elements

RT Load Factor

RT Required Strength

SO Air Pollution

DEF (CFR) Load-supporting members of a facility, such as beams and load supporting walls; or any nonload-supporting member, such as ceilings and nonload-supporting walls.

STRUCTURES (DOE FRASE VOCABULARY)

(DOE Order 4330.4A; DOE FRASE Vocabulary Numeric Keys 1850-1924)

DA January 17, 1991

NT1 Artificial Reefs

NT1 Bridge

NT1 Cooling Towers

NT1 Dam

NT1 Earth-Lined Channels

NT1 Explosives Buildings

NT2 Explosives Bays

NT3 Staging Bays (in-process)

NT1 Facility Boundaries

NT1 Highway

NT1 Hydraulic Structures

NT2 Dams

NT2 Dikes

NT3 Terracing

NT1 Loading Dock

NT1 Mine

NT1 Parking Lot

NT1 Pier

NT1 Platforms

NT1 Pond

NT1 Raw Water Intake Structure

NT1 Road

NT1 Silo

NT1 Space Frames

NT2 Building Frame Systems

NT3 Bearing Wall Systems

NT3 Braced Frame

NT4 Concentric Braced Frames

NT4 Eccentric Braced Frames

NT3 Horizontal Bracing Systems

NT3 Lateral Force Resisting System

NT3 Shoring

NT2 Moment Resisting Space Frame

NT3 Intermediate Moment Resisting Space Frame

NT3 Ordinary Moment Resisting Space Frame

NT3 Special Moment Resisting Space Frame

NT2 Vertical Load Carrying Space Frames

NT1 Trailer Building

NT1 Trench/Ditch

RT DOE FRASE Categories

RT Facilities

RT Sites/Areas

RT Structural Damage

RT Targets

RT Towers

SO DOE FRASE VOCABULARY

DEF (DOE Order 4330.4A) Any fixed real property improvement constructed on or in the land that is not a building or utility (e.g., bridges, towers, and tanks). Denotes something constructed or built. Also, a subject category used with the DOE FRASE Vocabulary.

STUCK-OPEN RELIEF VALVE

DA January 8, 1991

SF SORV

BT1 Relief Valves

BT2 Valves

BT3 Devices

RT Hazards

STUDIES

(TSCA; CFR)

DA October 19, 1990

NT1 Feasibility Studies

NT1 Hazard and Operability Study

NT1 Health and Safety Studies

NT1 Probabilistic Safety Study

NT1 RCRA Corrective Measures Study

NT1 Reactor Safety Study

NT1 Treatability Studies

NT1 Zion Probabilistic Safety Study

RT Quality Assurance Units

RT Reactor Safety Study Methodology Application Program

RT Samples

RT Study Completion Date

RT Study Directors

RT Study Initiation Date

SO Hazardous Materials

DEF (WTID) Consists of observations and/or analyses in detail (of a phenomenon, development or question) usually within a restricted area with a view to some action. (CFR) Any in vivo or in vitro experiments in which test substances are studied prospectively in a test system under conditions to determine or help predict their fate, toxicity, metabolism, or other characteristics in humans, or other animals and plants. The term does not include studies utilizing human subjects or clinical studies. The term does not include basic exploratory studies carried out to determine whether a test substance has any potential utility.

STUDY COMPLETION DATE

(TSCA)

DA October 19, 1990

BT1 Time Designations

RT Studies
SO Hazardous Materials
 DEF (TSCA) The date the final report is signed by the study director.

STUDY DIRECTORS

(TSCA; CFR)
 DA October 19, 1990
 BT1 Personnel
RT Studies
SO Hazardous Materials
 DEF (CFR) Individuals responsible for the overall conduct of a study.

STUDY INITIATION DATE

(TSCA)
 DA October 19, 1990
 BT1 Time Designations
RT Studies
SO Hazardous Materials
 DEF (TSCA) The date the protocol is signed by the study director.

SUBACUTE DIETARY LC 50

(CFR)
 DA January 24, 1991
 BT1 LC 50
 BT1 Lethal Concentration
SO Environmental Management
 DEF (CFR) A concentration of a substance, expressed as parts per million, in food that is lethal to 50 percent of the test population of animals under test conditions as specified in the Registration Guidelines.

SUBBASE

(DOE Order 6430.1A)
 DA October 12, 1990
RT Roadways
SO Construction
 DEF (DOE Order 6430.1A) A layer of granular material located beneath the base course of a highway pavement.

SUBCHRONIC RFD (RFD)

(EPA)
 DA October 12, 1990
 BT1 Reference Dose (RfD)
 BT2 Doses
RT Chronic RfD
SO Environmental Protection Agency Glossary
 DEF (EPA) An estimate (with uncertainty spanning perhaps an order of magnitude or greater) of a daily exposure level for the human population, including sensitive subpopulations, that is likely to be without an appreciable risk of deleterious effects if the exposure were to occur for a period of less than 7 years.

SUBCOMMITTEE ON FEDERAL RESPONSE

(EMER)

DA February 1, 1991
 BT1 Committees
 BT2 Administrative Organizations
 BT3 Organizations
SO Emergency Preparedness
 DEF (EMER) A subcommittee of the Federal Radiological Preparedness Coordinating Committee formed to develop and test the Federal Radiological Emergency Response Plan. Most agencies that would participate in the federal radiological emergency response are represented on this subcommittee.

SUBCRITICAL FLOWS

(DOE Order 6430.1A)
 DA October 12, 1990
RT Flow Rates
RT Supercritical Flows
SO Construction
 DEF (DOE Order 6430.1A) Open channel flows having a low velocity and a froude number less than unity (also described as tranquil or streaming flow).

SUBGRADE MODULUS

(DOE Order 6430.1A)
 DA October 12, 1990
SO Construction
 DEF (DOE Order 6430.1A) The slope of a load-settlement diagram constructed with data from field-loading tests on the actual subgrade.

SUBJECT MATTER EXPERTS

(DOE Order 5480.18)
 DA October 12, 1990
 BT1 Technically Qualified Individuals
 BT2 Personnel
RT Training Accreditation Program Staff
SO Standards
 DEF (DOE Order 5480.18) Individuals qualified, or previously qualified, and experienced in performing a particular task.

SUBMACHINE GUNS, CLOSED BOLT

(DOE Order 5480.16)
 DA October 12, 1990
 BT1 Machine Guns
 BT2 Small Arms
 BT3 Firearms
SO Firearms
 DEF (DOE Order 5480.16) Small caliber magazine-fed weapons that must be fired in the closed bolt position and containing a spring in the bolt to thrust the firing pin forward to detonate the primer.

SUBMACHINE GUNS, OPEN BOLT

(Doe Order 5480.16)
 DA October 12, 1990
 BT1 Machine Guns

BT2 Small Arms
 BT3 Firearms
SO Firearms
 DEF (DOE Order 5480.16) A small caliber magazine-fed weapon that must be fired from the open bolt position. This is a fixed firing pin against which the bolt produces the thrust necessary to detonate the primer.

SUBORDINATE MANAGEMENT

(SSDC)
 DA October 12, 1990
 BT1 Management
SO System Safety Development Center Glossary
 DEF (SSDC) For purposes of this document, all management subordinate to the particular management level under consideration.

SUBSIDENCE

(SDWA; CFR; USGS)
 DA October 12, 1990
RT Catastrophic Collapses
RT Differential Settlement
RT Dip-Slip
RT Faults
RT Formations
RT Soil Mechanics
RT Tectonic Deformations
SO Natural Phenomenon
SO Water Pollution
 DEF (CFR) The lowering of the natural land surface in response to earth movements; lowering of fluid pressure; removal of underlying supporting material by mining or solution of solids, either artificially or from natural causes; compaction due to wetting (hydrocompaction); oxidation of organic matter in soils; or added load on the land surface.

SUBSISTENCE

(ESA; CFR)
 DA October 12, 1990
RT Wasteful Manner
SO Endangered Species
 DEF (CFR) The use of endangered or threatened wildlife for food, clothing, shelter, heating, transportation, and other uses necessary to maintain the life of the taker of the wildlife, or those who depend upon the taker to provide them with such subsistence, and includes selling any edible portions of such wildlife in native villages and towns in Alaska for native consumption within native villages and towns.

SUBSLABS

(DOE Order 6430.1A)
 DA October 12, 1990

RT Construction
SO Construction
 DEF (DOE Order 6430.1A) Also known as a structural slab, base slab, mud slab, or wearing slab. The concrete slab below the waterproofing membrane in a double-slab configuration.

SUBSTANTIAL

(Doe Order 5484.1)
 DA October 12, 1990
SO Environmental Management
SO Management
 DEF (DOE Order 5480.1) Clearly outside normally accepted or experienced bounds.

SUBSTANTIAL BUSINESS RELATIONSHIPS

(SWDA; RCRA; CFR)
 DA October 12, 1990
RT Contractual Relationships
RT Long Term Contracts
SO Wastes
 DEF The extent of business relationships necessary under applicable State law to make a guarantee contract issued incident to that relationship valid and enforceable. A "substantial business relationship" must arise from a pattern of recent or ongoing business transactions, in addition to the guarantee itself, such that a currently existing business relationship between the guarantor and the owner or operator is demonstrated to the satisfaction of the applicable EPA Regional Administrator.

SUBSTANTIAL CONSTRUCTION

(DOE Order 6430.1A)
 DA October 12, 1990
 BT1 Construction
 BT2 Processes
SO Construction
 DEF (DOE Order 6430.1A) If determined by the cognizant DOE security personnel, classified matter shall be stored in a building or portion thereof that provides a physical barrier of the required penetration times and resistance. NBS Technical Note 837 shall be used for a comparison of the forcible penetration time through different structural barriers.

SUBSTATION

(1620 SUBSTATION)
 DA December 10, 1990
 BT1 Site (DOE FRASE Vocabulary)
 BT2 Sites/Areas
RT Station
SO DOE FRASE VOCABULARY

SUBVORTICES (SMRP)

DA October 12, 1990
RT Rotational Windstorms
RT Waterspouts
SO Natural Phenomenon
 DEF (SMRP) Spinning columns of air embedded inside a tornado, waterspout, or dust devil. A large windstorm may be accompanied by several subvortices simultaneously. The travel of these subvortices is governed by the airflow in and around the parent storm.

SUDDEN ACCIDENTAL OCCURRENCES

(SWDA; RCRA; CFR)
 DA October 12, 1990
 BT1 Accidental Occurrences
 BT2 Occurrences
 NT1 Pressure Releases
 NT2 Sudden Releases of Pressure
RT Emergency Projects
SO Wastes
 DEF (CFR) Occurrences that are not continuous or repeated in nature.

SUDDEN RELEASES OF PRESSURE (CERCLA)

DA October 12, 1990
 BT1 Pressure Releases
 BT2 Sudden Accidental Occurrences
 BT3 Accidental Occurrences
 BT4 Occurrences
RT Hazard Categories
RT Relief Valves
 DEF (CFR) A sudden, almost instantaneous release of pressure, gas, and heat when subjected to sudden shock or pressure or high temperature.

SULFUR DIOXIDE (EPA)

DA October 12, 1990
 SF SO₂
 BT1 Criteria Pollutants
 BT2 Pollutants
RT Acid Deposition
SO Environmental Protection Agency Glossary
 DEF (EPA) A heavy, pungent, colorless, gaseous air pollutant formed primarily by the combustion of fossil plants.

SULFURIC ACID PLANTS (CAA; CFR)

DA October 12, 1990
 BT1 Facilities
RT Acid Deposition
SO Air Pollution
 DEF (CFR) Any facilities producing sulfuric acid by the contact process by burning elemental sulfur, alkylation acid, hydrogen sulfide, or acid sludge. Does not include facilities where conversion to sulfuric acid is utilized primarily

as a means of preventing emissions to the atmosphere of sulfur dioxide or other sulfur compounds.

SULFURYL FLUORIDE

DA January 8, 1991
 SF SO₂F₂

SUMMATION GATES (SSDC)

DA October 12, 1990
 BT1 Logic Gates (Boolean)
 BT1 Logic Gates
SO System Safety Development Center Glossary
 DEF (SSDC) Special logic gates which require that an acceptable combination of input events be present to produce an output. Inputs can be present in varying proportions, as long as the sum of the inputs is adequate to generate an output.

SUMP AREA

(1621 SUMP AREA)
 DA December 10, 1990
 BT1 Area
 BT2 Sites/Areas
SO DOE FRASE VOCABULARY

SUMP PUMP

(2146 SUMP PUMP)
 DA December 10, 1990
 BT1 Pump(s)
 BT2 Machines (DOE FRASE Vocabulary)
 BT3 Equipment
SO DOE FRASE VOCABULARY

SUMPS

(SWDA; RCRA; EPA)
 DA October 12, 1990
 BT1 Liquid Traps
SO Environmental Management
SO Environmental Protection Agency Glossary
SO Wastes
 DEF Containment Sumps. (EPA) Pits or tanks that catch liquid runoff for drainage or disposal.

SUNBURN

(1400 SUNBURN)
 DA November 28, 1990
 BT1 Illnesses
RT Heat Stroke/Other High Temp Effect
SO DOE FRASE VOCABULARY

SUPERCritical FLOWS

(DOE Order 6430.1A)
 DA October 12, 1990
RT Flow Rates
RT Subcritical Flows
SO Construction
 DEF (DOE Order 6430.1A) Open

channel flows having a high velocity and a Froude number greater than unity (also described as rapid, shooting or torrential flow).

SUPERELEVATION

(DOE Order 6430.1A)

DA October 12, 1990

RT Roadways

SO Construction

DEF (DOE Order 6430.1A) The practice of elevating one side of a roadway over the other on curves in alignment.

SUPERFUND

(CERCLA; CFR; EPA)

DA October 12, 1990

BT1 Programs

RT Action Levels

RT Applicable or Relevant and Appropriate Requirements

RT Operable Units

RT Remedial Actions

RT Superfund Memorandum of Agreement

RT Superfund State Contracts

RT Superfund Amendments and Reauthorization Act of 1986

SO Compensation and Liability

SO Environmental Protection Agency Glossary

DEF The program operated under the legislative authority of CERCLA and the Superfund Amendments and Reauthorization Act (SARA) that funds and carries out the EPA solid waste emergency and long-term removal remedial activities. These activities include establishing the National Priorities List, investigating sites for inclusion on the list, determining their priority level on the list, and conducting and/or supervising the ultimately determined cleanup and other remedial actions.

SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT OF 1986

(SARA; EMER)

DA January 8, 1991

SF SARA

BT1 Acts

BT2 Statutes and Regulations

RT National Contingency Plan

RT Superfund

SO Emergency Preparedness

DEF (SARA) To extend and amend the Comprehensive Environmental Response, Compensation, and Liability Act of 1980, and for other purposes.

SUPERFUND MEMORANDUM OF AGREEMENT

(ANL; CFR)

DA May 24, 1991

SF SMOA

BT1 State/EPA Agreements

BT2 Agreements

RT Superfund

SO Management

SO Wastes

DEF (CFR) A nonbinding, written document executed by an EPA Regional Administrator and the head of a state agency that may establish the nature and extent of EPA and state interaction during the removal, pre-remedial, remedial, and/or enforcement response process. The SMOA is not a site-specific document, although attachments may address specific sites. The SMOA generally defines the role and responsibilities of both the lead and support agencies.

SUPERFUND STATE CONTRACTS

(ANL; CFR)

DA May 24, 1991

RT Remedial Actions

RT States

RT Superfund

SO Management

DEF (CFR) A joint, legally binding agreement between EPA and a state to obtain the necessary assurances before a federal lead remedial action can begin at a site. In the case of a political subdivision-lead remedial response, a three-party Superfund state contract among EPA, the state, and the political subdivision thereof, is required before a political subdivision takes the lead for any phase of remedial response to ensure state involvement pursuant to section 121(f)(1) of CERCLA. The Superfund state contract may be amended to provide the states CERCLA section 104 assurances before a political subdivision can take the lead for remedial action.

SUPERVISED AREAS

(IAEA)

DA October 12, 1990

BT1 Sites/Areas

RT Radiation Safety

SO Radiation

DEF (IAEA) Areas where radiation levels are such that annual exposure is most unlikely to exceed three-tenths of the occupational dose equivalent limits but may exceed one-tenth of those limits, and where special forms of supervision (such as area monitoring) are accordingly applied.

SUPERVISORS

(DOE Order 5480.5; ESH)

DA October 12, 1990

BT1 Personnel

SO Industrial Safety

SO Management

DEF (DOE Order 5480.5) Individuals officially designated by management to direct the activities of operators or fissionable materials handlers and to supervise the operation of equipment that handles, produces, processes, stores, packages, or uses radioactive material or significant quantities of fissionable materials.

SUPPLEMENT ANALYSES

(DOE Order 5440.1D)

DA May 15, 1991

BT1 Analyses

RT Environmental Impact Statements

RT Record of Decision (NEPA)

RT Supplemental EIS

SO Environmental Management

DEF (DOE Order) DOE documents that describe any changes in a proposed action that are relevant to environmental concerns, or any significant new circumstances and information relevant to environmental concerns and bearing on the proposed action or its impacts. A supplement analysis is used to determine whether a supplemental environmental impact statement should be prepared pursuant to 40 CFR 1502.9(c), or to support a decision to prepare a new environmental impact statement or a revised record of decision.

SUPPLEMENTAL EIS

(DOE Order 5440.1D)

DA May 15, 1991

BT1 Environmental Impact Statements

RT Supplement Analyses

SO Environmental Management

DEF (DOE Order) An environmental impact statement prepared to supplement a prior environmental impact statement, as provided at 40 CFR 1502.9(c).

SUPPLEMENTARY SAFETY SYSTEM

DA January 8, 1991

SF SSS (*Supplementary Safety System*)

BT1 Emergency Systems

BT2 Systems

SUPPORT AGENCIES

(ANL; CFR)

DA May 24, 1991

BT1 Agencies

BT2 Administrative Organizations

BT3 Organizations

RT Comprehensive Environmental Response, Compensation, etc.

RT National Contingency Plan
RT On-Scene Coordinators
RT Remedial Project Managers
SO Management
DEF (CFR) The agencies that provide the support agency coordinator to furnish necessary data and documents, and provide other assistance as requested by the On-Scene Coordinator (OSC) or the Remedial Project Manager (RPM). EPA, the USCG, another federal agency, or a state may be support agencies for a response action if operating pursuant to a contract executed under section 104(d)(1) of CERCLA or designated pursuant to a Superfund Memorandum of Agreement entered into pursuant to subpart F of the NCP or other agreement. The support may also concur on decision documents.

SUPPORT AGENCY COORDINATORS

(ANL; CFR)
DA May 24, 1991
BT1 Personnel
RT National Contingency Plan
SO Management
DEF (CFR) The official designated by the support agency, as appropriate, to interact and coordinate with the lead agency in response actions under subpart E of the NCP.

SUPPORT BUILDINGS

(DOE Order 6430.1A)
DA October 12, 1990
BT1 Facilities
RT Explosives Activities
SO Construction
DEF (DOE Order 6430.1A) Any structures (including utilities) directly supporting explosives activities but containing no explosives.

SUPPRESSION POOL

DA January 8, 1991
SF *SP* (*Suppression Pool*)

SUPPRESSION POOL COOLING

DA January 8, 1991
SF *SPC*
BT1 Processes

SURFACE CASINGS

(SDWA; CFR)
DA October 12, 1990
BT1 Casings
RT Packers
RT Plugging
RT Wells
SO Water Pollution
DEF The first string of well casing to be installed in the well.

SURFACE COLLECTING AGENTS

(CERCLA; CFR)
DA October 12, 1990
BT1 Chemical Agents
RT Cleanup
RT Oil Spills
SO Compensation and Liability
DEF Those chemical agents that form a surface film to control the layer thickness of oil.

SURFACE FAULTING

(USGS)
DA October 12, 1990
BT1 Faults
NT1 Dip-Slip
NT1 Oblique Slip
NT1 Strike Slip
RT Catastrophic Collapses
RT Moment Magnitude
SO Natural Phenomenon
DEF (USGS) The offset or tearing of the earth's surface by differential movement across a fault.

SURFACE IMPOUNDMENT

(SWDA; RCRA; CFR; EPA; ESH)
DA October 12, 1990
BT1 Impoundment
BT2 Sites/Areas
RT Hazardous Waste Management Units
RT Land Disposal
RT Liners
SO Environmental Management
SO Environmental Protection Agency Glossary
SO Wastes
DEF (CFR) A natural topographic depression, man-made excavation, or diked area formed primarily of earthen materials (although it may be lined with man-made materials) that is not an injection well. (EPA) Treatment, storage, or disposal of liquid hazardous wastes in ponds. (ESH) A facility or part of a facility that is a natural topographic depression, manmade excavation, or diked area, formed primarily of earthen materials (although it may be lined with man-made materials), that is designed to hold an accumulation of liquid wastes or wastes containing free liquids and is not an injection well. Examples of surface impoundments are holding, storage, settling, and aeration pits, ponds, and lagoons.

SURFACE WATER RESOURCES

(CFR)
DA November 15, 1990
SY Surface Waters
BT1 Natural Resources
NT1 Brackish Waters
NT1 Estuaries
NT1 Floodplains
NT1 Lakes

NT2 Dystrophic Lakes
NT2 Eutrophic Lakes
NT2 Oligotrophic Lakes
NT1 River/Creek
NT1 Wetlands
NT2 Bogs
NT2 Bottomland Hardwoods
NT2 Fens
NT2 Marshes
NT3 Tidal Marshes
NT2 Swamps
RT Watershed
DEF (CFR) The waters of the United States, including the sediments suspended in water or lying on the bank, bed, or shoreline and sediments in or transported through coastal and marine areas. This term does not include groundwater or water or sediments in ponds, lakes, or reservoirs designed for waste treatment under the Resource Conservation and Recovery Act of 1976 (RCRA), 42 U.S.C. 6901-6987 or the CWA, and applicable regulations.

SURFACE WATERS

(SDWA; CFR; EPA)
DA October 12, 1990
SY Surface Water Resources
BT1 Water
NT1 Brackish Waters
NT1 Estuaries
NT1 Lakes
NT2 Dystrophic Lakes
NT2 Eutrophic Lakes
NT2 Oligotrophic Lakes
NT1 River Water
RT Accessible Environment
RT Aquatic Environment
RT Assimilation
RT Groundwater
RT Marshes
RT Overland Flow
RT Swamps
RT Waters of the United States
RT Wetlands
SO Environmental Protection Agency Glossary
SO Water Pollution
DEF (CFR) All waters that are open to the atmosphere and subject to surface runoff. (EPA) All waters naturally open to the atmosphere (rivers, lakes, reservoirs, streams, impoundments, seas, estuaries, etc.) and all springs, wells, or other collectors that are directly influenced by surface water.

SURFACE WAVE MAGNITUDE

(USGS)
DA October 12, 1990
SF *M_s*
BT1 Units of Measure
RT Body Wave Magnitude
RT Earthquake Magnitude
RT Love Seismic Waves

RT Rayleigh Seismic Waves
SO Natural Phenomenon
DEF (USGS) Measures the amplitude of surface waves with a period of 20 seconds (a wavelength of about 38 miles) and are often dominant on the seismograms.

SURFACTANTS

(DOE Order 6430.1A; EPA)
 DA October 12, 1990
RT Chemical Agents
RT Detergents
RT Dispersants
RT Inert Ingredients
SO Construction
SO Environmental Protection Agency Glossary
DEF (DOE Order 6430.1A) Surface-active agents used in detergents to cause lathering.

SURPLUS FACILITIES

(DOE Order 5480.2A)
 DA January 29, 1991
 BT1 Facilities
SO Environmental Management
DEF (DOE Order 5820.2A) Any facilities or sites (including equipment) that have no identified or planned programmatic use and are contaminated with radioactivity to levels that require controlled access.

SURPLUS FACILITIES MANAGEMENT PROGRAM

DA January 8, 1991
SF *SFMP*
 BT1 Programs

SURROGATES

(ESH)
 DA October 12, 1990
SO Quality Assurance
DEF (ESH) Organic compounds which are similar to analytes of interest in chemical composition, extraction, and chromatography, but which are not normally found in environmental samples. These compounds are spiked into all blanks, standards, samples, and spiked samples prior to analysis. Percent recoveries are calculated for each surrogate.

SURVEILLANCE

(DOE Order 4330.4A; IAEA)
 DA October 12, 1990
 BT1 Administrative Processes
 BT2 Processes
 NT1 Environmental Surveillance
SO Radiation
DEF (DOE Order 4330.4A) Any periodic monitoring for performance adequacy. (IAEA) All planned activities performed to ensure compliance with operational

specifications established for a particular installation.

SURVEILLANCE AND MAINTENANCE

DA January 8, 1991
SF *S&M*
 BT1 Inspection and Maintenance
 BT1 Maintenance
 BT2 Activities

SURVEILLANCE AND NUCLEAR DETECTION SYSTEMS

(EMER)
 DA February 1, 1991
 BT1 Emergency Systems
 BT2 Systems
SO Emergency Preparedness
DEF (EMER) Research and development efforts for developing gamma ray and neutron detector arrays used in searching for or mapping nuclear material contamination in support of the Nuclear Emergency Search Team.

SURVEILLANCE SYSTEMS

(EPA)
 DA October 12, 1990
 BT1 Emergency Systems
 BT2 Systems
SO Environmental Protection Agency Glossary
DEF (EPA) A series of monitoring devices designed to determine environmental quality.

SURVEILLANCE TEST INTERVAL

DA January 8, 1991
SF *STI*
 BT1 Time Designations

SURVEYS

(SSDC)
 DA October 12, 1990
 NT1 Condition Assessment Surveys
 NT1 Environmental Surveys
 NT1 Radiological Surveys
 NT1 Sanitary Surveys
SO Environmental Management
SO System Safety Development Center Glossary
DEF (SSDC) A comprehensive examination of policies, procedures, practices, facilities, and equipment, including field observation of actual conditions, within a stated broad scope. (Less methodical and detailed than an appraisal; for example, an examination by a professional, expert, consultant, or committee.)

SUSPENDED SOLIDS

(EPA)
 DA October 12, 1990
 BT1 Leachates
 NT1 Settleable Solids
RT Turbidity

SO Environmental Protection Agency Glossary

DEF (EPA) Small particles of solid pollutants that float on the surface of, or are suspended in sewage or other liquids. They resist removal by conventional means. (See: Total Suspended Solids.)

SUSPENSION

(EPA)
 DA October 12, 1990
RT Pesticides
SO Environmental Protection Agency Glossary
DEF (EPA) The act of suspending the use of a pesticide when EPA deems it necessary to do so in order to prevent an imminent hazard resulting from continued use of the pesticide. An emergency suspension takes effect immediately; under an ordinary suspension a registrant can request a hearing before the suspension goes into effect. Such a hearing process might take six months.

SUSPENSION CULTURES

(EPA)
 DA October 12, 1990
SO Environmental Protection Agency Glossary
DEF (EPA) Individual cells or small clumps of cells growing in a liquid nutrient medium.

SUSPICIOUS DEVICES

(EMER)
 DA February 1, 1991
 BT1 Devices
 BT1 Security Interests
SO Emergency Preparedness
DEF (EMER) Any devices or packages that arouse suspicion by sound, geographic location, or shape.

SWAMPS

(EPA)
 DA October 12, 1990
 BT1 Wetlands
 BT2 Sites/Areas
 BT2 Surface Water Resources
 BT3 Natural Resources
RT Bogs
RT Fens
RT Marshes
RT Muck Soils
RT Surface Waters
SO Environmental Protection Agency Glossary
DEF (EPA) Types of wetland dominated by woody vegetation and not accumulating appreciable peat deposits. Swamps may be fresh or salt water and tidal or non-tidal.

SWAT

DA October 12, 1990
 SEE Solid Waste Assessment Test
 SO Acronyms

SWDA

DA October 12, 1990
 SEE Solid Waste Disposal Act
 SO Acronyms

SWEEPING THE GAS PLENUM

(NFI)
 DA October 12, 1990
 BT1 Processes
 SO Nuclear Facilities Incident Database
 SO Radiation
 DEF (NFI) Removal of hydrogen, oxygen, and deuterium.

SWGR

DA October 12, 1990
 SEE Switchgear Room
 SO Acronyms

SWITCH BOX

(2423 SWITCH BOX)
 DA January 3, 1991
 BT1 Equipment/Parts - Electrical (DOE FRASE Vocabulary)
 BT2 Equipment
 SO DOE FRASE VOCABULARY

SWITCHBOARD

(2424 SWITCHBOARD)
 DA January 3, 1991
 BT1 Equipment/Parts - Electrical (DOE FRASE Vocabulary)
 BT2 Equipment
 SO DOE FRASE VOCABULARY

SWITCHGEAR

(2425 SWITCHGEAR)
 DA January 3, 1991
 BT1 Equipment/Parts - Electrical (DOE FRASE Vocabulary)
 BT2 Equipment
 SO DOE FRASE VOCABULARY

SWITCHGEAR ROOM

DA January 8, 1991
 SF SWGR

SWITCHYARD

(1622 SWITCHYARD)
 DA December 10, 1990
 BT1 Site (DOE FRASE Vocabulary)
 BT2 Sites/Areas
 SO DOE FRASE VOCABULARY

SWMU

DA October 12, 1990
 SEE Solid Waste Management Units
 SO Acronyms

SWP

DA October 12, 1990

SEE Safety Work Permit
 SO Acronyms

SWP CONDITIONS

(NFI)
 DA October 12, 1990
 BT1 Conditions
 SO Radiation
 DEF (NFI) Safe Work Permit conditions.

SWS (Salt Water System)

DA October 12, 1990
 SEE Salt Water System
 SO Acronyms

SWS (Service Water System)

DA October 12, 1990
 SEE Service Water System
 SO Acronyms

SWSA

DA October 12, 1990
 SEE Solid Waste Storage Area
 SO Acronyms

SYNERGISM

(EPA)
 DA October 12, 1990
 SO Environmental Protection Agency Glossary
 DEF (EPA) The cooperative interaction of two or more chemicals or other phenomena producing a greater total effect than the sum of their individual effects.

SYNOVITIS

(1401 SYNOVITIS)
 DA November 28, 1990
 BT1 Illnesses
 RT Tendonitis
 SO DOE FRASE VOCABULARY

SYNTHETIC ORGANIC CHEMICALS

(EPA)
 DA October 12, 1990
 SF SOCs
 BT1 Organic Chemicals
 BT2 Chemical Substances
 NT1 Polyelectrolytes
 NT1 Volatile Synthetic Organic Chemicals
 RT Xenobiotic
 SO Environmental Protection Agency Glossary
 DEF (EPA) Man-made organic chemicals. Some SOCs are volatile, others tend to stay dissolved in water rather than evaporate out of it.

SYSTEM (SAFETY) ANALYSES

(SSDC)
 DA October 12, 1990
 BT1 Safety Analysis
 BT2 Analyses
 RT Safety Precedence Sequence

SO System Safety Development Center Glossary

DEF (SSDC) The formal analyses of a system and the interrelationships among its various parts (including plant and hardware, policies and procedures, and personnel) to determine the real and potential hazards within the system, and suggest ways to reduce and control those hazards.

SYSTEM AUDITS

(ESH)
 DA October 12, 1990
 BT1 Audits (SSDC)
 BT2 Administrative Processes
 BT3 Processes
 SO Quality Assurance
 DEF (ESH) Overall evaluations of projects to: verify that sampling methodology is being performed in accordance with program requirement; check on the use of appropriate QA/QC measures; check methods of sample handling; identify any existing quality problems; check program documentation; initiate corrective action if a problem is identified; assess personnel experience and qualifications as required; provide on-site debriefings for sampling personnel; and provide written evaluations of the sampling program.

SYSTEM SAFETY

(SSDC)
 DA October 12, 1990
 BT1 Safety
 RT Failure Mode and Effect Analysis
 RT General Design Process
 SO System Safety Development Center Glossary
 DEF (SSDC) Safety analysis (usually specialized and sophisticated) applied as an adjunct to design of an engineered system. While many associate system safety primarily with the hardware portion of the system, it includes all aspects of configuration control.

SYSTEM SAFETY DEVELOPMENT CENTER

(SSDC)
 DA October 12, 1990
 SF SSDC
 BT1 EG&G Idaho, Inc.
 BT2 Companies
 BT3 Commercial Organizations
 BT4 Organizations
 BT2 DOE Contractors
 BT3 Potentially Responsible Parties
 RT Radiation Records Repositories
 RT Safety Performance Measurement System

SO System Safety Development Center Glossary

DEF (SSDC) A DOE center located at the Idaho National Engineering Laboratory and operated by EG&G Idaho, Inc. Its functions include the development and application of new technologies, the implementation and analysis of safety information systems, the presentation of training seminars and workshops, and the publication and dissemination of SSDC documents.

SYSTEM SAFETY DEVELOPMENT CENTER GLOSSARY

(Acronyms and Abbreviations)

DA October 12, 1990

DEF A glossary of terms and definitions as used by the System Safety Development Center at EG&G Idaho, Inc. in Idaho Falls, Idaho.

SYSTEMATIC ASSESSMENT OF LICENSEE PERFORMANCE

DA January 8, 1991

SF SALP

BT1 Assessments

BT2 Administrative Processes

BT3 Processes

SYSTEMATIC EVALUATION PROGRAM

DA January 8, 1991

SF SEP

BT1 Programs

SYSTEMIC EFFECTS

(1402 SYSTEMIC EFF)

DA November 28, 1990

BT1 Effects

BT1 Illnesses

SO DOE FRASE VOCABULARY

SYSTEMIC PESTICIDES

(EPA)

DA October 12, 1990

BT1 Pesticides

BT2 Hazardous Substances

SO Environmental Protection Agency Glossary

DEF (EPA) Chemicals that are taken up from the ground or absorbed through the surface and carried through the system of the organism being protected, making the organism toxic to pests.

SYSTEMIC POISONING

(1403 SYSTEMIC POI)

DA November 28, 1990

BT1 Poisoning

BT2 Illnesses

SO DOE FRASE VOCABULARY

SYSTEMS

DA February 11, 1991

NT1 Aerial Measuring Systems

NT1 Alternate Removal Systems

NT1 Automatic Depressurization System

NT1 Buddy System

NT1 Building Frame Systems

NT2 Bearing Wall Systems

NT2 Braced Frame

NT3 Concentric Braced Frames

NT3 Eccentric Braced Frames

NT2 Horizontal Bracing Systems

NT2 Lateral Force Resisting System

NT2 Shoring

NT1 Centrifugal Collectors

NT1 Closed Vent Systems

NT2 Double Block and Bleed System

NT1 Confinement Systems

NT2 Airborne Activity Confinement Systems

NT2 Primary Confinement Systems

NT3 Enclosures

NT1 Control Systems

NT2 Best Available Control Technology

NT2 Best Available Retrofit Technology

NT2 Chemical Volume and Control System

NT2 Control Rod Drive Control System

NT3 Control Rod Drive Assembly

NT3 Control Rod Drive

NT4 Pistol Grip Switches

NT3 Control Rod Drive Mechanism

NT2 Energy Monitoring and Control Systems

NT2 Intermittent Control System

NT2 Primary Emission Control Systems

NT2 Remote Detection and Control Systems

NT2 Safety Injection Control System

NT2 Standby Liquid Control System

NT1 Conventional Systems

NT1 Core Flood System

NT1 Disposal Systems

NT1 Double Block and Bleed System

NT1 Dual Systems

NT1 Emergency Systems

NT2 Backup Systems

NT2 Containment Systems

NT3 Containment Spray System

NT4 Containment Spray System (Post-accident Injection Phase)

NT4 Containment Spray System (Post-accident Recirculation Phase)

NT2 Criticality Alarm System

NT2 Diagnosis of Multiple Alarms System

NT2 Duress Systems

NT2 Emergency Core Cooling System

NT2 Emergency Power System

NT2 Emergency Spray Water System

NT2 Emergency Broadcast System

NT2 Emergency Management Information System

NT2 Emergency Management Systems

NT2 Emergency Cooling System

NT2 Emergency Feedwater System

NT2 Emergency Raw Cooling Water System

NT2 Energy Emergency System

NT2 Explosion Suppression System

NT2 Fire Protection Systems

NT3 Dedicated Fire Water Systems

NT4 Sprinkler System

NT3 Fire Alarm System

NT3 Fire Suppression System

NT2 Intrusion Alarm System (Perimeter or Interior)

NT2 National Warning System

NT2 Plant Protection System

NT2 Radiation Alarm System

NT2 Reactor Protection System

NT3 Emergency Core Cooling System

NT2 Safe Shutdown System

NT3 Sparger Assemblies

NT2 Supplementary Safety System

NT2 Surveillance Systems

NT2 Surveillance and Nuclear Detection Systems

NT1 End Box Ventilation System

NT1 Energy Management Systems

NT1 Engineered Safety Features Actuation System

NT1 Engineered Barrier Systems

NT2 Engineered Barriers

NT1 Hazardous Substance UST System

NT1 Hazardous Ranking System

NT1 High Pressure Injection System

NT1 High Pressure Recirculation System

NT1 In-Situ Sampling Systems

NT1 Information Systems

NT2 Emergency Management Information System

NT2 Failure Reporting Analysis and Corrective Action System

NT2 Fire Protection Tracking System

NT2 Hazard Abatement Tracking System

NT2 Integrated Risk Information System

NT2 Nuclear Facilities Incident Database

NT2 Nuclear Materials Management and Standards System

NT2 Nuclear Plant Reliability Data System

NT2 Plant Risk Status Information Management System

NT2 Radiation Records Repositories

NT2 Real Property Inventory System

NT2 Safety Performance Measurement System

NT3 Chemical Hazards Emergency Management System

NT3 Computerized Accident/Incident Reporting System

NT3 Computer Assisted Tracking System

NT3 Occurrence Reporting and Processing System

NT3 Personnel Expertise and Resource Listing

NT3 Radiation Exposure Module

NT3 Standards Information Management System

NT3 Unusual Occurrence Reporting System

NT2 Secure Automatic Communications Network

NT2 Technical Information Systems

NT2 Ultrasonic Ranging and Data System

NT2 Waste Information Network

NT1 Leachate Collection Systems

NT1 Leak Detection Systems
NT2 Beetles
NT2 Leak Detector
NT1 Low Pressure Recirculation System
NT1 Main Feedwater and Condensate System
NT1 Management Systems
NT1 Metric System
NT1 Moderator Recovery System
NT1 Modified Hazard Ranking System
NT1 Monitoring Systems
NT2 Energy Monitoring and Control Systems
NT1 Multiple Integrated Laser Engagement System
NT1 Multimedia Environmental Pollutant Assessment System
NT1 National Pollutant Discharge Elimination System
NT2 Pollutant Discharge Elimination System
NT1 New Tank Systems
NT1 Petroleum UST Systems
NT1 Power Conversion System
NT1 Reactor Coolant System
NT2 Emergency Spray Water System
NT1 Reactor Electric Distribution System
NT1 Remedial Action Assessment System
NT1 Resource Recovery Systems
NT1 Salt Water System
NT1 Secondary Hood Systems
NT1 Service Water System
NT1 Solid State Protection System
NT1 Standby Gas Treatment System
NT1 Systems (DOE FRASE Vocabulary)
NT2 Cooling System
NT2 Criticality Alarm System
NT2 Deluge System
NT2 Drinking Water System
NT2 Emergency Core Cooling System
NT2 Emergency Power System
NT2 Explosion Suppression System
NT2 Fire Alarm System
NT2 Fire Suppression System
NT2 Foam System
NT2 Halon System
NT2 HVAC System
NT2 Instrument Air System
NT2 Interlock System
NT2 Off Gas System
NT2 Plant Protection System
NT2 Pressure Relief System
NT2 Protective Relay System
NT2 Public Address System
NT2 Purge System
NT2 Radiation Alarm System
NT2 Raw Water System
NT2 Sanitary Treatment System
NT2 Sewer System
NT2 Sprinkler System
NT2 Vacuum System
NT2 Ventilation System
NT3 End Box Ventilation System
NT3 Reactor Building Standby Ventilation System
NT2 Waste Water System
NT3 Waste Water Collection Systems
NT1 Test Systems
NT1 Vapor Capture Systems
NT2 Floor Sweeps

NT1 Water Systems
NT2 Public Water Systems
NT3 Community Water Systems
NT3 Drinking Water System
NT3 Non-Community Water Systems
NT3 Non-Transient Non-Community Water System
NT3 Water Supply System
NT2 Storm Water Collection Systems
NT2 Waste Water System
NT3 Waste Water Collection Systems
RT Controls
RT Targets

SYSTEMS (DOE FRASE VOCABULARY)
 (DOE FRASE Vocabulary Numeric Keys 2025-2099)
DA December 10, 1990
BT1 Systems
NT1 Cooling System
NT1 Criticality Alarm System
NT1 Deluge System
NT1 Drinking Water System
NT1 Emergency Core Cooling System
NT1 Emergency Power System
NT1 Explosion Suppression System
NT1 Fire Alarm System
NT1 Fire Suppression System
NT1 Foam System
NT1 Halon System
NT1 HVAC System
NT1 Instrument Air System
NT1 Interlock System
NT1 Off Gas System
NT1 Plant Protection System
NT1 Pressure Relief System
NT1 Protective Relay System
NT1 Public Address System
NT1 Purge System
NT1 Radiation Alarm System
NT1 Raw Water System
NT1 Sanitary Treatment System
NT1 Sewer System
NT1 Sprinkler System
NT1 Vacuum System
NT1 Ventilation System
NT2 End Box Ventilation System
NT2 Reactor Building Standby Ventilation System
NT1 Waste Water System
NT2 Waste Water Collection Systems
RT Controls
RT DOE FRASE Categories
SO DOE FRASE VOCABULARY
DEF A subject category used with the DOE FRASE Vocabulary.

T&B
DA October 12, 1990
SEE Top and Bottom
SO Acronyms

TA
DA October 12, 1990
SEE Test Authorizations
SO Acronyms

TABLE SAW
 (2147 TABLE SAW)
DA December 10, 1990
BT1 Machines (DOE FRASE Vocabulary)
BT2 Equipment
BT1 Saws
SO DOE FRASE VOCABULARY

TABLETOP
 (EMER)
DA February 1, 1991
BT1 Exercises
SO Emergency Preparedness
DEF (EMER) An exercise in which key officials and agency representatives are presented with a series of simulated problems based on a scenario. Participants are seated together and problems are presented through questions. This exercise is moderated to control play and can be formal or informal.

TACHOMETER(S)
 (2773 TACHOMETER)
DA January 3, 1991
BT1 Indicator(s)
BT2 Instrument(s)
BT3 Equipment/Parts - Instrumentation/Measuring (DOE FRASE Voc.)
BT4 Equipment
SO DOE FRASE VOCABULARY

TACTICAL RESPONSE FORCES
 (DOE Order 6430.1A)
DA October 12, 1990
BT1 Protective Force Personnel
BT2 Personnel
SO Construction
DEF (DOE Order 6430.1A) Armed combat forces trained in security protection.

TACTICAL RESPONSE TEAMS
 (EMER)
DA February 13, 1991
SY Special Response Teams
BT1 Response Teams
BT2 Teams
BT3 Administrative Organizations
BT4 Organizations
SO Emergency Preparedness
DEF (EMER) Groups of one or more armed security inspectors who are specially trained and equipped to respond to security incidents. Also called Special Response Teams.

TAGGING
 (Doe Order 5480.16)
DA October 12, 1990
BT1 Procedures
RT Armoters
RT Firearms
SO Firearms
DEF (DOE Order 5480.16) A safety