

processing and forest management operations.

WORK ENVIRONMENT

(DOE Order 6430.1A)

DA October 12, 1990

BT1 Environment

RT Arbitration

RT Human Factors Engineering

RT Interfaces

RT Occupational Injuries

RT Occupational Exposure

RT Working Conditions

SO Construction

DEF (DOE Order 6430.1A) The surroundings in which systems operate. Includes all of the conditions that may affect one or more system components, e.g., temperature/humidity, noise, light, vibration, toxic materials, radioactive materials.

WORK PROCESSES

(SSDC)

DA October 12, 1990

BT1 Administrative Processes

BT2 Processes

RT Arbitration

RT Standard Job Procedures

SO System Safety Development Center Glossary

DEF (SSDC) All of the components involved to get work done. Work processes consist of three major elements; (1) procedures and management system control; (2) hardware and equipment in the process; and (3) personnel involved in the process.

WORK STATION

(1726 WORK STATION)

DA December 10, 1990

BT1 Site (DOE FRASE Vocabulary)

BT2 Sites/Areas

BT1 Station

BT2 Site (DOE FRASE Vocabulary)

BT3 Sites/Areas

SO DOE FRASE VOCABULARY

WORKING CONDITION A

(IAEA)

DA November 20, 1990

BT1 Working Conditions

BT2 Conditions

RT Dose Limit

RT Special Health Supervision

SO Radiation

DEF (IAEA) Conditions where the annual exposures might exceed three-tenths of the dose equivalent limits.

WORKING CONDITION B

(IAEA)

DA November 20, 1990

BT1 Working Conditions

BT2 Conditions

RT Dose Limit

SO Radiation

DEF (IAEA) Conditions where it is most unlikely that the annual exposures will exceed three-tenths of the dose equivalent limits.

WORKING CONDITIONS

(IAEA)

DA October 12, 1990

BT1 Conditions

NT1 Working Condition A

NT1 Working Condition B

RT Occupational Exposure

RT Radiation Safety

RT Work Environment

SO Radiation

DEF (IAEA) Conditions under which workers are occupationally exposed to ionizing radiation.

WORKING LEVEL

(EPA)

DA October 12, 1990

SF WL

BT1 Radiation Units

BT2 Units of Measure

RT Detailed Operating Procedures

RT Radon Progeny

RT Working Level Month

SO Environmental Protection Agency Glossary

SO Radiation

DEF (EPA) A unit of measure for documenting exposure to radon decay products. One working level is equal to approximately 200 picocuries per liter. (IAEA) A unit for potential alpha energy concentration (i.e. the sum of the total energy per unit volume of air carried by alpha particles emitted during the complete decay of each atom and its progeny in a unit volume of air).

WORKING LEVEL MONTH

(EPA; IAEA; NCRP)

DA October 12, 1990

SF WLM

BT1 Radiation Units

BT2 Units of Measure

NT1 Cumulative Working Level Months

RT Exposure

RT Radon Progeny

RT Working Level

SO Environmental Protection Agency Glossary

SO Radiation

DEF A unit of measure used to determine cumulative exposure to radon. A unit of exposure to air concentrations of potential alpha energy released from short-lived radon progeny. One working level month is defined as the cumulative exposure equivalent to exposure at one working level for a working month of 170 hours.

WRAP

DA October 12, 1990

SEE Waste Receiving and Processing Plant

SO Acronyms

WRENCH(S)

(3071 WRENCH)

DA January 3, 1991

BT1 Tools (DOE FRASE Vocabulary)

BT2 Equipment

NT1 Allen Wrench

NT1 Impact Wrench

NT1 Power Impact Wrench(s)

NT1 Ratchet Wrench(s)

NT1 Torque Wrench(s)

SO DOE FRASE VOCABULARY

WRIST(S)

(1099 WRIST)

DA November 28, 1990

BT1 Joint(s)

BT2 Human Body Parts

RT Hand(s)

SO DOE FRASE VOCABULARY

WRIST BAND

(2694 WRIST BAND)

DA January 3, 1991

BT1 Hand Protection

BT2 Personal Protective Equipment

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

BT4 Equipment

SO DOE FRASE VOCABULARY

WT

DA October 12, 1990

SEE Water Tight

SO Acronyms

X-RAY EQUIPMENT

(2435 X-RAY EQUIPM)

DA January 3, 1991

BT1 Equipment/Parts - Electrical (DOE FRASE Vocabulary)

BT2 Equipment

SO DOE FRASE VOCABULARY

X-RAYS

(NIH; EMER)

DA October 12, 1990

BT1 Ionizing Radiation

BT2 Radiation

RT Gamma Radiation

RT Half Value Layer (Half Thickness)

SO Emergency Preparedness

SO Radiation

DEF (NIH) Penetrating electromagnetic radiations having wave lengths shorter than those of visible light. They are usually produced by bombarding a metallic target with fast electrons in a high vacuum. In nuclear reactions it is customary to refer to photons originating in the nucleus as gamma rays, and those originating in the

extranuclear part of the atom as x rays. These rays are sometimes called roentgen rays after their discoverer, W. C. Roentgen.

XENOBIOTIC

(EPA)

DA October 12, 1990

RT Detergents

RT Pesticides

RT Synthetic Organic Chemicals

SO Environmental Protection Agency Glossary

DEF (EPA) Term for non-naturally occurring man-made substances found in the environment (i.e., synthetic material solvents, plastics).

Y-12 PLANT

DA January 11, 1991

BT1 Government-Owned Contractor-Operated Facilities

BT2 Federal Facilities

BT3 Facilities

RT Martin Marietta Energy Systems

RT Oak Ridge Operations Office

DEF (Capsule Review of DOE Research and Development and Field Facilities, 1986) Built in 1943 as part of the Manhattan Project, the Oak Ridge Y-12 plant was established to separate uranium isotopes using the electromagnetic process. When the process was discontinued after World War II, the role of the Y-12 Plant changed to manufacturing and developmental engineering. The missions of the Y-12 Plant include production of nuclear weapon components and subassemblies, development and fabrication of test hardware for the weapon design laboratories, fabrication support for other Martin Marietta Energy Systems plants and support for federal agencies.

YARD AREA

(1628 YARD AREA)

DA December 10, 1990

BT1 Area

BT2 Sites/Areas

SO DOE FRASE VOCABULARY

Yards³

DA October 12, 1990

SEE Cubic Yards

SO Acronyms

YEARS LIVING RADIOISOTOPES

(EDB)

DA March 29, 1991

BT1 Radionuclides

BT2 CERCLA Hazardous Substances

BT3 Hazardous Substances

BT2 Nuclides

NT1 Antimony 125

NT1 Cesium 134

NT1 Cobalt 60

NT1 Radium 226

NT1 Radium 228

NT1 Ruthenium 103

NT1 Strontium 90

NT1 Thorium 230

NT1 Tritium

NT1 Uranium 238

SO Radiation

YELLOWCAKE

(NCRP; EMER)

DA October 12, 1990

RT Uranium

SO Emergency Preparedness

SO Radiation

DEF (NCRP) A product of uranium mills, concentrated in uranium content and suitable for shipment for further processing into fuel for reactors.

ZENER DIODES

(NFI)

DA October 12, 1990

BT1 Equipment

SO Nuclear Facilities Incident Database

SO Radiation

DEF (NFI) Junction diodes, semiconductors.

ZINC

DA January 8, 1991

SF Zn (Periodic Element)

ZINC 65

(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 Days Living Radioisotopes

BT2 Radionuclides

BT3 CERCLA Hazardous Substances

BT4 Hazardous Substances

BT3 Nuclides

SO Radiation

ZION PROBABILISTIC SAFETY STUDY

DA January 8, 1991

SF ZPSS

BT1 Studies

ZIRCONIUM 95

(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 Days Living Radioisotopes

BT2 Radionuclides

BT3 CERCLA Hazardous Substances

BT4 Hazardous Substances

BT3 Nuclides

SO Radiation

Zn (Periodic Element)

DA October 12, 1990

SEE Zinc

SO Acronyms

ZONES

DA February 25, 1991

BT1 Sites/Areas

NT1 Aeration Zones

NT1 Buckled Zones

NT1 Buffer Zone

NT1 Coastal Zones

NT1 Confining Zones

NT1 Contiguous Zones

NT1 Contingency Planning Zones

NT1 Disturbed Zones

NT1 Emergency Planning Zones

NT1 Engineering Control Zones

NT1 Excavation Zone

NT1 Flow Zone

NT1 Hydrogeologic Units

NT1 Injection Zones

NT2 Injection Interval

NT1 Inland Zones

NT1 Isolation Zones

NT1 Low Hazard Zone

NT1 Mixing Zones

NT1 Planning Zones

NT1 Radiation Zone

NT1 Saturated Zones

NT1 Treatment Zones

NT1 Unsaturated Zones

NT1 Vulnerable Zones

ZOOPLANKTON

(EPA)

DA October 19, 1990

BT1 Plankton

RT Fish

SO Environmental Protection Agency

Glossary

DEF (EPA) Tiny aquatic animals eaten by fish.

ZPSS

DA October 12, 1990

SEE Zion Probabilistic Safety Study

SO Acronyms