ACCESSION NUMBER: 0101
DOCUMENT TYPE: RT
TITLE: Pantex Plant Federal Facility Compliance Act Background Information
ORIG. DOC. NO.:
DOCUMENT DATE: 950900
ORIGINATING AGENCY: Pantex Plant
PAGES: 0063
REEL: FRAME:
AUTHORS: Pantex Plant
ABSTRACT: Pantex Plant has prepared the Proposed Site Treatment Plan (PSTP)/Compliance Plan, referred to as the "plan" to comply with Section 105 (a) of the Federal Facility Compliance Act (FFCA) of 1992 [Public Law 102-386; 42 U.S.C. 6939C (b)]. The background information contained herein describes, in greater detail, the basis for the PSTP, but is not a part of the Compliance Plan. On April 6, 1993, the U.S. Department of Energy issued a Federal Register Notice that provided the approach and schedule for complying with the FFCA. DOE proposed to submit interim plans for each site to facilitate discussions among states and other interested parties before submittal of the proposed plan. The first plan, the Conceptual Site Treatment Plan, was issued October 1993. The Draft Site Treatment Plan was the second interim plan, and was submitted in August 1994, to the Texas Natural Resource Conservation Commission (TNRCC), the U.S. Environmental Protection Agency (EPA), and Texas stakeholders for review and comment. Comments received (as of October 31, 1994) from the TNRCC, EPA, and public stakeholders have been considered and addressed in the plan. The PSTP and background information are being submitted to TNRCC for review and may change after submittal based on continuing discussions between states and DOE and continuing evaluation of DOE-wide impacts. This background information document, which describes the proposed treatment options in detail, is included for information purposes only. The purpose of the PSTP is to satisfy DOE's obligation under the FFCA to develop and submit a mixed waste treatment plan for Pantex Plant.
KEYWORDS: HIGH LEVEL, LOW LEVEL MIXED WASTE, TRANSURANIC, WASTE MANAGEMENT, TREATMENT ALTERNATIVES, DISPOSITION, STORAGE, ENVIRONMENTAL EFFECTS, RESTORATION, SAFEGUARDS
CROSSINDEX:
PROVENANCE:
LOCATIONS: Pantex Plant, Amarillo, TX; Pinellas Plant, St. Petersburg, FL; Los Alamos National Laboratory, Los Alamos, NM; Grand Junction Project Office, Grand Junction, CO

ACCESSION NUMBER: 0102
DOCUMENT TYPE: PN
TITLE: The Pantex SWEIS - Public Workshop Plan for the Draft SWEIS
ORIG. DOC. NO.:
DOCUMENT DATE: 960400
ORIGINATING AGENCY: Department of Energy Albuquerque Operations Office
PAGES: 0030
REEL: FRAME:
AUTHORS: Pantex Plant
ABSTRACT: The Council on Environmental Quality (CEQ) regulations [40 CFR 1501.4(b) and 1503.1 (a)(4)] for implementation of the *National Environmental Policy Act* (NEPA) require

public comment when the draft portion of a Site-Wide Environmental Impact Statement (SWEIS) is completed. This will be conducted through a series of public workshops in cities near all affected sites. The purposes of the public comment period are: 1) To clarify issues in the Draft SWEIS and receive input from stakeholders regarding specific concerns about the direction and scope of the document, and 2) To determine the course for preparation of the Final SWEIS and, if needed, a Mitigation Action Plan. The Department of Energy (DOE) has undertaken this SWEIS to address the 5- to 10- year operations plan for Pantex Plant in Amarillo, Texas. This SWEIS will also consider storage of nuclear weapons components at other Federal sites, as well as the transportation of these components from Pantex Plant. DOE is committed to stakeholder involvement throughout the SWEIS process. In addition, other Federal and State agencies will be asked to cooperate in identification, development, and validation of data for the SWEIS analysis. The following sections provide a description of the Proposed Action and Alternatives and the Draft SWEIS public commenting process.
KEYWORDS: PUBLIC AFFAIRS, PANTEX PLANT, PROGRAMMATIC ENVIRONMENTAL IMPACT STATEMENT
CROSSINDEX:
PROVENANCE:
LOCATIONS: Pantex Plant, Amarillo, TX

ACCESSION NUMBER: 0103
DOCUMENT TYPE: SA
TITLE: Comments on SWEIS for Continued Operation of Pantex Plant and Associated Storage of Nuclear Weapons Components - Albuquerque Convention Center, Albuquerque, NM on May 7, 1996
ORIG. DOC. NO.:
DOCUMENT DATE: 960507
ORIGINATING AGENCY: Pantex Plant
PAGES: 0123
REEL: FRAME:
AUTHORS: Kathy Townsend Court Reporters, Albuquerque, NM
ABSTRACT: Public meeting held in Albuquerque, New Mexico, to discuss the Pantex Plant Site-Wide Environmental Impact Statement and continued operation of the Pantex Plant and associated storage of nuclear weapons components.
KEYWORDS: PUBLIC RESPONSE, PANTEX PLANT, PROGRAMMATIC ENVIRONMENTAL IMPACT STATEMENT, FISSILE MATERIALS, STORAGE, DISPOSITION
CROSSINDEX:
PROVENANCE:
LOCATIONS: Pantex Plant, Amarillo, TX; Albuquerque, NM

ACCESSION NUMBER: 0104
DOCUMENT TYPE: RT
TITLE: Public Hearing on Stockpile Stewardship and Management Draft PEIS, Storage and Disposition Draft PEIS, Pantex Draft Site-Wide EIS Held in Amarillo, Texas on April 22-23, 1996
ORIG. DOC. NO.:

DOCUMENT DATE: 960423
ORIGINATING AGENCY: Pantex Plant
PAGES: 0527
REEL: FRAME:
AUTHORS: Sondra L. Cargle & Associates Certified Shorthand Reporters
ABSTRACT: Public meeting held in Amarillo, Texas, to discuss the Pantex Plant Site-Wide Environmental Impact Statement, Storage and Disposition Draft PEIS, and Stockpile Stewardship and Management Draft PEIS.
KEYWORDS: PANTEX PLANT, PUBLIC RESPONSE, PROGRAMMATIC ENVIRONMENTAL IMPACT STATEMENT
CROSSINDEX:
PROVENANCE:
LOCATIONS: Pantex Plant, Amarillo, TX

ACCESSION NUMBER: 0105
DOCUMENT TYPE: RT
TITLE: Pantex Site-Wide Environmental Impact Statement Public Hearing Held at Richland, Washington on May 23, 1996
ORIG. DOC. NO.:
DOCUMENT DATE: 960523
ORIGINATING AGENCY: Pantex Plant
PAGES: 0020
REEL: FRAME:
AUTHORS: Tetra Tech, Inc.
ABSTRACT: Public meeting held in Richland, Washington, to discuss the Pantex Plant Site-Wide Environmental Impact Statement.
KEYWORDS: PANTEX PLANT, PUBLIC RESPONSE, PROGRAMMATIC ENVIRONMENTAL IMPACT STATEMENT
CROSSINDEX:
PROVENANCE:
LOCATIONS: Pantex Plant, Amarillo, TX; Richland, WA

ACCESSION NUMBER: 0106
DOCUMENT TYPE: RT
TITLE: Pantex Site-Wide Environmental Impact Statement Public Hearing held at Las Vegas, Nevada on April 25, 1996
ORIG. DOC. NO.:
DOCUMENT DATE: 960425
ORIGINATING AGENCY: Pantex Plant
PAGES: 0041
REEL: FRAME:
AUTHORS: Tetra Tech, Inc.
ABSTRACT: Public meeting held in Las Vegas, Nevada, to discuss the Pantex Plant Site-Wide Environmental Impact Statement.
KEYWORDS: PANTEX PLANT, PUBLIC RESPONSE, PROGRAMMATIC ENVIRONMENTAL IMPACT STATEMENT

CROSSINDEX:
PROVENANCE:
LOCATIONS: Pantex Plant, Amarillo, TX; Las Vegas, NV

ACCESSION NUMBER: 0107
DOCUMENT TYPE: SA
TITLE: Final Environmental Impact Statement for the Continued Operation of the Pantex Plant and Associated Storage of Nuclear Weapon Components
ORIG. DOC. NO.: DOEEIS0225
DOCUMENT DATE: 961100
ORIGINATING AGENCY: Department of Energy
PAGES: 1728
REEL: FRAME:
AUTHORS: Department of Energy
ABSTRACT: Volumes I - III, Summary. This document assesses the potential environmental impacts over approximately 10 years of continued operation of Pantex Plant, including foreseeable projects and activities. For Pantex Plant, this document assesses the alternatives of No Action, Relocation of the storage of plutonium components (pits) resulting from nuclear weapon disassembly activities at Pantex Plant to another site, and the Proposes Action (Preferred Alternative) of continuing operations and increasing the quantity of pits in interim storage at Pantex Plant. For the Pit Storage Relocation Alternative, this document also assesses the potential environmental impacts to three DOE candidate sites and one Department of Defense candidate site that could be selected for the relocation of the nuclear component storage activities from Pantex Plant. Evaluations of site infrastructure, land resources, geology and soils, water resources, air quality, acoustics, biotic resources, cultural resources, socioeconomic resources, intrasite transportation, waste management, human health, aircraft accidents, and environmental justice for Pantex Plant and the candidate sites are included in the assessment. The intersite transportation of nuclear and hazardous materials is also assessed. In preparing the Final EIS, DOE considered comments received by mail, fax, e-mail, handed in at hearings, or transcribed from telephone messages. In addition, interactive public hearings were held in April, May, and June 1996 at the following locations where comments and concerns identified during discussions were transcribed: Amarillo, Texas; North Las Vegas, Nevada; North Augusta, South Carolina; Albuquerque, New Mexico; and Richland Washington.
KEYWORDS: NUCLEAR COMPONENTS, PLUTONIUM, HAZARDOUS MATERIALS, STORAGE, ALTERNATIVES, DISPOSITION, WASTE MANAGEMENT, TRANSPORTATION, INFRASTRUCTURE, LAND RESOURCES, GEOLOGY, WATER RESOURCES, AIR QUALITY, ACOUSTICS, BIOTIC RESOURCES, CULTURAL RESOURCES, SOCIOECONOMICS, HEALTH RISKS, AIRCRAFT ACCIDENTS, ENVIRONMENTAL EFFECTS, JUSTICE, PUBLIC RESPONSE
CROSSINDEX:
PROVENANCE:
LOCATIONS: Nevada Test Site, Nye County, NV; Savannah River Site, Aiken, SC; Hanford Site, Richland, WA; Kirtland Air Force Base, Albuquerque, NM; Amarillo, TX; North Las Vegas, NV; North Augusta, SC; Albuquerque, NM; Richland, WA; Los Alamos National Laboratory, Los Alamos, NM

ACCESSION NUMBER: 0108
DOCUMENT TYPE: DD
TITLE: Health Risk Data for Storage and Disposition of Weapons-Usable Fissile Materials Programmatic Environmental Impact Statement
ORIG. DOC. NO.:
DOCUMENT DATE: 960200
ORIGINATING AGENCY: Department of Energy Office of Fissile Materials Disposition
PAGES: 1599
REEL: FRAME:
AUTHORS: Halliburton NUS Corporation, Gaithersburg, Maryland
ABSTRACT: Volumes I and II. This report describes the methodology and data used to assess the normal operational radiological impacts presented in Appendix M of the *Storage and Disposition of Weapons-Usage Fissile Materials Programmatic Environmental Impact Statement* (referred to in this report as the S&D PEIS). This section describes generically the modeling process including generation of input data and analysis of results. Section 2 presents the input data for storage and disposition facilities including effluents and worker doses. Section 3 presents the site dependent input data such as no action effluents, site worker doses, release locations of proposed facilities, population distributions within 50 miles of each release point, agricultural food production and distance and direction from each release point to the site boundary. Section 4 presents by site and then by facility the doses as calculated by GENII from using the input data in Section 2 and 3.
KEYWORDS: FISSILE MATERIALS, HIGHLY ENRICHED URANIUM, PLUTONIUM, STORAGE, DISPOSITION, FACILITIES, ALTERNATIVES, PIT DISASSEMBLY/CONVERSION, PU CONVERSION, VITRIFICATION, CERAMIC IMMOBILIZATION, DEEP BOREHOLE, MIXED OXIDE FUEL, REACTORS, NO ACTION, POPULATION, AGRICULTURE, METEOROLOGY, ENVIRONMENTAL EFFECTS, HEALTH RISKS, DOSE ASSESSMENT
CROSSINDEX:
PROVENANCE:
LOCATIONS: Argonne National Laboratory-West, Idaho Falls, ID; Hanford Site, Richland, WA; Pantex Plant, Amarillo, TX; Oak Ridge Reservation, Oak Ridge, TN; Savannah River Site, Aiken, SC; Nevada Test Site Storage Plant (NTSSP), Nye County, NV; Consolidated Special Nuclear Material Storage Plant (CSNMSP), Pantex Plant, Amarillo, TX; Collocated High Enriched Uranium/Special Nuclear Material Storage Plant (CEUSP)

ACCESSION NUMBER: 0109
DOCUMENT TYPE: DD, RT
TITLE: Storage and Disposition of Weapons-Usable Fissile Materials Final Programmatic Environmental Impact Statement Supplemental Socioeconomic Data Report
ORIG. DOC. NO.: DOEEIS0229
DOCUMENT DATE: 961000
ORIGINATING AGENCY: Department of Energy
PAGES: 0376
REEL: FRAME:
AUTHORS: Department of Energy Office of Fissile Materials Disposition
ABSTRACT: This report was prepared in support of the *Storage and Disposition of*

Weapons-Usable Fissile Materials Final Programmatic Environmental Impact Statement (PEIS) (DOEEIS0229). It provides the supporting data used to assess potential impacts to the regional economy, population, housing and community services. The report consists of tables showing the percent change from No Action projections resulting from the proposed Storage and Dispositioon alternatives, including the Preferred Alternative, at each of the sites analyzed. It also includes a record of personal communications to obtain necessary data on community services.
KEYWORDS: FISSILE MATERIALS, STORAGE, DISPOSITION, SOCIOECONOMICS, NO ACTION ALTERNATIVE, REGIONAL ECONOMY, POPULATION, HOUSING, COMMUNITY SERVICES, EMPLOYMENT, INCOME, TRANSPORTATION
CROSSINDEX:
PROVENANCE:
LOCATIONS: Hanford Site, Richland, WA; Nevada Test Site, Nye County, NV; Idaho National Engineering Laboratory, Idaho Falls, ID; Pantex Plant, Amarillo, TX; Oak Ridge Reservation, Oak Ridge, TN; Savannah River Site, Aiken, SC; Rocky Flats Environmental Technology Site, Golden, CO; Los Alamos National Laboratory, Los Alamos, NM

ACCESSION NUMBER: 0110
DOCUMENT TYPE: DD
TITLE: Calculations of the Human Health Impacts from the Uranium Fuel Cycle for Light Water Nuclear Power Plants
ORIG. DOC. NO.:
DOCUMENT DATE: 960200
ORIGINATING AGENCY: Department of Energy Office of Fissile Materials Disposition
PAGES: 0030
REEL: FRAME:
AUTHORS: Tan Z R, Blauer H M
ABSTRACT: In the alternatives for converting Pu and HEU to the commercial nuclear fuels, part of the current nuclear fuel cycle in commercial nuclear power plants can be replaced. This report estimates the human health risk from the current uranium fuel cycle for operating light water reactors (LWRs) in the United States. These estimates are used to compare the human health risk from the weapons-usable fissile materials disposition programs. These comparisons could reveal if the proposed disposition alternative would produce net adverse human health impacts or avoid adverse human health impacts when part of the current fuel cycle is replaced by the proposed weapons-usable fissile materials disposition alternatives. The information in this report supports the avoided human health impact conclusions in the Storage and Disposition PEIS and the HEU EIS.
KEYWORDS: HEALTH RISKS, FISSILE MATERIALS, STORAGE, DISPOSITION, ALTERNATIVES, URANIUM FUEL CYCLE, LIGHT WATER REACTORS, MIXED OXIDE FUEL, RADIONUCLIDES
CROSSINDEX:
PROVENANCE:
LOCATIONS:

ACCESSION NUMBER: 0111
DOCUMENT TYPE: RT

TITLE: Nonproliferation and Arms Control Assessment of Weapons-Usable Fissile Material Storage and Excess Plutonium Disposition Alternatives
ORIG. DOC. NO.: DOENN0007
DOCUMENT DATE: 970100
ORIGINATING AGENCY: Department of Energy
PAGES: 0232
REEL: FRAME:
AUTHORS: Department of Energy Office of Arms Control and Nonproliferation
ABSTRACT: This report has been prepared by the Department of Energy's Office of Arms Control and Nonproliferation (DOE-NN) with support from the Office of Fissile Materials Disposition (DOE-MD). Its purpose is to analyze the nonproliferation and arms reduction implications of the alternatives for storage of plutonium and HEU, and disposition of excess plutonium, to aid policymakers and the public in making final decisions. While this assessment describes the benefits and risks associated with each option, it does not attempt to rank order the options or choose which ones are "best." It does, however, identify steps which could maximized the benefits and mitigate any vulnerabilities of the various alternatives under consideration. The report has been reviewed by an independent Task Force of the Secretary of Energy's Advisory Board (SEAB); a letter from the Task Force is attached as Appendix B. The report has also been reviewed by the relevant agencies of the U.S. government, prior to being released for public comment.
KEYWORDS: PLUTONIUM, HIGHLY ENRICHED URANIUM, STORAGE, DISPOSITION, NONPROLIFERATION, ALTERNATIVES, REACTORS, DEEP BOREHOLE, HYBRID, NO ACTION, ELECTROMETALLURGICAL TREATMENT, IMMOBILIZATION, CANADIAN DEUTERIUM-URANIUM, SAFEGUARDS
CROSSINDEX:
PROVENANCE:
LOCATIONS: United States of America; Former Soviet Union

ACCESSION NUMBER: 0112
DOCUMENT TYPE: SU, RT
TITLE: Technical Summary Report for Surplus Weapons-Usable Plutonium Disposition
ORIG. DOC. NO.: DOEMD0003
DOCUMENT DATE: 960717
ORIGINATING AGENCY: Department of Energy
PAGES: 0103
REEL: FRAME:
AUTHORS: Department of Energy Office of Fissile Materials Disposition
ABSTRACT: This report summarizes representative technical, cost, and schedule data for the reasonable alternatives being considered for the disposition of plutonium declared surplus to national security requirements in the *Storage and Disposition of Weapons-Usable Fissile Materials Programmatic Environmental Impact Statement.* The data reported in this report were developed and compiled principally by the Department of Energy's national laboratories and were reviewed by the Department. The data were extracted from more exhaustive documents and were selected for inclusion in this report for their ability to illustrate the technical, cost, and schedule implications of the reasonable alternatives. Since the data are predicted on preconceptual designs of the alternatives, they are subject to revision when data become

available. The data will be useful to: 1) Facilitate comparison between alternatives for decision-making. 2) Provide information for follow-on implementation, assuming one or more of the alternatives are selected in the Record of Decision. 3) Provide information in support of an ongoing joint United States-Russian Federation study addressing the options for plutonium disposition in the two countries.
KEYWORDS: PLUTONIUM, STORAGE, DISPOSITION, TRANSPORTATION, ALTERNATIVES, REACTORS, IMMOBILIZATION, DEEP BOREHOLE, HYBRID, VITRIFICATION, ELECTROMETALLURGICAL TREATMENT, SAFEGUARDS, COST
CROSSINDEX:
PROVENANCE:
LOCATIONS: Argonne National Laboratories, Idaho Falls, ID and Lemont, IL; Amarillo National Resource Center for Plutonium, Amarillo, TX; Brookhaven National Laboratory, Upton, NY; Idaho National Engineering Laboratory, Idaho Falls, ID; Los Alamos National Laboratory, Los Alamos, NM; Lawrence Livermore National Laboratory, Livermore, CA; Oak Ridge National Laboratory, Oak Ridge, TN; Sandia National Laboratories, Albuquerque, NM and Livermore, CA; Savannah River Site, Aiken, SC

ACCESSION NUMBER: 0113
DOCUMENT TYPE: SU, RT
TITLE: Technical Summary Report for Long-Term Storage of Weapons-Usable Fissile Materials
ORIG. DOC. NO.: DOEMD0004
DOCUMENT DATE: 960717
ORIGINATING AGENCY: Department of Energy
PAGES: 0048
REEL: FRAME:
AUTHORS: Department of Energy Office of Fissile Materials Disposition
ABSTRACT: The Technical Summary Report presents the results of the Department of Energy's analyses of the alternatives for the long-term storage of weapons-usable fissile materials. This report summarizes the alternatives that were considered and the results of the analyses of the technical, cost, and schedule data to support the Record of Decision.
KEYWORDS: PLUTONIUM, STORAGE, DISPOSITION, CONSOLIDATION, FACILITIES, COST
CROSSINDEX:
PROVENANCE:
LOCATIONS: Hanford Site, Richland, WA; Argonne National Laboratory-West, Idaho Falls, ID; Savannah River Site, Aiken, SC; Pantex Plant, Amarillo, TX; Idaho National Engineering Laboratory, Idaho Falls, ID; Nevada Test Site, Nye County, NV; Oak Ridge Reservation, Oak Ridge, TN; Rocky Flats Environmental Technology Site, Jefferson County, CO

ACCESSION NUMBER: 0114
DOCUMENT TYPE: RT
TITLE: Preliminary Waste Form Requirements for the Potential Disposition of Converted Weapons-Usable Fissile Materials in a Deep Geologic Repository

ORIG. DOC. NO.: DIA000000000811170800004REV00
DOCUMENT DATE: 960600
ORIGINATING AGENCY: Department of Energy Office of Civilian Radioactive Waste Management
PAGES: 0028
REEL: FRAME:
AUTHORS: TRW Environmental Safety Systems Inc.
ABSTRACT: The *Preliminary Waste Form Requirements for the Potential Disposition of Converted Weapons-Usable Fissile Materials in a Deep Geologic Repository* identifies the requirements that impact the design of a waste form for the disposition of converted weapons-usable fissile materials to allow it to be considered for deep geologic disposal in a repository within the Civilian Radioactive Waste Management System (CRWMS).
KEYWORDS: FISSILE MATERIALS, STORAGE, ALTERNATIVES, GEOLOGIC REPOSITORY, STRUCTURAL REQUIREMENTS, CRITICALITY
CROSSINDEX:
PROVENANCE:
LOCATIONS:

ACCESSION NUMBER: 0115
DOCUMENT TYPE: RT
TITLE: Analysis of Stockpile Management Alternatives In Support of the Stockpile Stewardship and Management Programmatic Environmental Impact Statement
ORIG. DOC. NO.:
DOCUMENT DATE: 960600
ORIGINATING AGENCY: Department of Energy
PAGES: 0172
REEL: FRAME:
AUTHORS: Department of Energy Albuquerque Operation Office
ABSTRACT: This report presents the results of the analysis of options for the conduct of the Stockpile Management program. Stockpile Management activities include dismantlement, maintenance, evaluation, and repair or replacement of nuclear weapons. This report provides programmatic source data for determining environmental impacts for the Stockpile Stewardship and Management Programmatic EIS. It also provides cost, schedule, and technical risk data to assist DOE in the identification of a programmatic preferred alternative. Sixteen mission alternatives for eight DOE sites were addressed.
KEYWORDS: STOCKPILE MANAGEMENT, FISSILE MATERIALS, STORAGE, DISPOSITION, ALTERNATIVES, FACILITIES
CROSSINDEX:
PROVENANCE:
LOCATIONS: Lawrence Livermore National Laboratory, Livermore, CA; Los Alamos National Laboratory, Los Alamos, NM; Sandia National Laboratories, Albuquerque, NM; Nevada Test Site, Nye County, NV; Pantex Plant, Amarillo, TX; Kansas City Plant, Kansas City, MO; Y-12 Plant, Oak Ridge, TN; Savannah River Site, Aiken, SC

ACCESSION NUMBER: 0116
DOCUMENT TYPE: SU, RT

TITLE: Stockpile Management Preferred Alternatives Report In Support of the Stockpile Stewardship and Management Programmatic Environmental Impact Statement
ORIG. DOC. NO.:
DOCUMENT DATE: 960600
ORIGINATING AGENCY: Department of Energy
PAGES: 0042
REEL: FRAME:
AUTHORS: Department of Energy
ABSTRACT: The purpose of this report is to present in a summary form the Stockpile Management alternatives considered in the SSM PEIS, and the technical and cost rationale for the selection and identification of a preferred alternative.
KEYWORDS: STOCKPILE MANAGEMENT, FISSILE MATERIALS, STORAGE, DISPOSITION, ALTERNATIVES, COST
CROSSINDEX:
PROVENANCE:
LOCATIONS: Lawrence Livermore National Laboratory, Livermore, CA; Los Alamos National Laboratory, Los Alamos, NM; Sandia National Laboratories, Albuquerque, NM; Nevada Test Site, Nye County, NV; Pantex Plant, Amarillo, TX; Kansas City Plant, Kansas City, MO; Y-12 Plant, Oak Ridge, TN; Savannah River Site, Aiken, SC

ACCESSION NUMBER: 0117
DOCUMENT TYPE: RT
TITLE: Stockpile Stewardship and Management Programmatic Environmental Impact Statement (PEIS) Y-12 Secondary Plant Alternative Design - PEIS Data Report for Three Production Cases
ORIG. DOC. NO.: YES076R3
DOCUMENT DATE: 960600
ORIGINATING AGENCY: Oak Ridge Y-12 Plant
PAGES: 0105
REEL: FRAME:
AUTHORS: Oak Ridge Y-12 Plant Planning and Program Integration Office
ABSTRACT: The Y-12 Secondary Plant Alternative is being considered to support the Stockpile Stewardship and Management (SSM) Program. The Y-12 Secondary Plant Alternative mission includes the production of components for thermonuclear secondary assemblies and the production of related materials and components, such as depleted uranium (DU) for radiation cases, plasma-sprayed coatings, and miscellaneous other materials for nuclear weapons applications.
KEYWORDS: STOCKPILE MANAGEMENT, FISSILE MATERIALS, STORAGE, DISPOSITION, FACILITIES, ALTERNATIVES, SAFEGUARDS, RADIATION, CRITICALITY, LAND USE, URANIUM, LITHIUM, WASTE MANAGEMENT, TRANSPORTATION, NONNUCLEAR FACILITY, HEALTH RISKS, ENVIRONMENTAL EFFECTS
CROSSINDEX:
PROVENANCE:
LOCATIONS: Albuquerque Operations Office, Albuquerque, NM; Nevada Test Site, Nye County, NV; Oak Ridge Reservation, Oak Ridge, TN; Savannah River Site, Aiken, SC