### NEPA and DOE Through the Years

<table>
<thead>
<tr>
<th>Year</th>
<th>Events</th>
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| **1980** | DOE Order 5440.1A  
1st DOE NEPA Guidelines  
Commercially-Generated Radioactive Waste Management EIS  
Geothermal Demonstration Program, Baca Ranch, NM, EIS  
Hanford Double-Shell HLW Tanks EIS  
Rocky Flats Plant Site-wide EIS  
Savannah River Double-Shell HLW Tanks EIS  
Spent Power Reactor Fuel Storage EIS  
Waste Isolation Pilot Plant EIS  
DOE Begins Using Memos-to-File  
CEQ 40 Questions  
1st DOE NEPA Compliance Guide  
BPA Role in the Pacific Northwest Power Supply System EIS  
Solvent Refined Coal-I Demonstration Project, Daviess County, KY, EIS  
Solvent Refined Coal-II Demonstration Project, WV, EIS  |
| **1981** | DOE Order 5440.1B  
(Include Memos-to-File)  
Revised DOE NEPA Guidelines  
Established Typical Classes of Actions  
Liquid-Metal Fast Breeder Reactor Program, Supplemental EIS  
Livermore Site-wide EIS  
Oak Ridge Radioactively-Contaminated PCBs Incinerator EIS  
Potential Conversion of 42 Powerplants from Oil to Coal or Alternate Fuels EIS  
Savannah River Defense Waste Processing Facility EIS  
West Valley Liquid HLW Management EIS  |
| **1982** | Revised DOE NEPA Guidelines  
Established Typical Classes of Actions  
Natural Resources Defense Council v. Vaughan (D. D.C.) – EIS required on restart of L-Reactor at Savannah River  
Hanford PUREX EIS  
Pantex Site-wide EIS  
Amended CEQ NEPA Regulations (Deleted Requirement for Worst-Case Analysis)  
Mead-Phoenix +500-kV DC Transmission Line EIS  |
| **1983** | DOE GUIDANCE CLARIFIES  
Workers Are Part of Human Environment  
California-Oregon Transmission Project EIS  
Special Isotope Separation Project EIS  
Superconducting Super Collider EIS  
DOE Order 5440.1C  
Revised DOE NEPA Guidelines  
Established Typical Classes of Actions  
Office of Environment, Safety and Health Created by Consolidating ES&H Oversight Responsibilities  
Durango, CO, Uranium Mill Site Remediation EIS  
Tucson Aqueduct/ Central Arizona Project EIS  |
| **1984** | BPA Residential Weatherization Program EIS  
Savannah River L-Reactor Restart EIS  
1st DOE-wide NEPA Meeting, Washington, DC  
Updated DOE NEPA Compliance Guide  
DOE Guidance Clarifies Workers Are Part of Human Environment  
California-Oregon Transmission Project EIS  
Special Isotope Separation Project EIS  
Superconducting Super Collider EIS  |
| **1985** | Amended CEQ NEPA Regulations (Deleted Requirement for Worst-Case Analysis)  
Mead-Phoenix +500-kV DC Transmission Line EIS  |
| **1986** | Revised DOE NEPA Guidelines  
Consolidated Guidelines and Established Typical Classes of Actions  
Hanford High-Level, Transuranic and Tank Waste Disposal EIS  
Savannah River Groundwater Protection EIS  
Weldon Spring CERCLA Feasibility Study/Remedial Action EIS (Cancelled after Draft; see 1993)  |
| **1987** | Revised DOE NEPA Guidelines  
Established Typical Classes of Actions  
Natural Resources Defense Council v. Vaughan (D. D.C.) – EIS required on restart of L-Reactor at Savannah River  
Hanford PUREX EIS  
Pantex Site-wide EIS  |
| **1988** | Revised DOE NEPA Guidelines  
Established Typical Classes of Actions  
DOE GUIDANCE CLARIFIES  
Workers Are Part of Human Environment  
California-Oregon Transmission Project EIS  
Special Isotope Separation Project EIS  
Superconducting Super Collider EIS  |
| **1989** | Revised DOE NEPA Guidelines  
(Consolidated Guidelines and Established Typical Classes of Actions)  
Charlie Creek-Belfield Transmission Line EIS  
Clean Coal Technology Demonstration Program EIS  |

**Terminology:**
- BPA – Bonneville Power Administration
- CERCLA – Comprehensive Environmental Response, Compensation and Liability Act
- EA – Environmental Assessment
- HLW – High-Level Waste
- PCB – Polychlorinated Biphenyl
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| 1990 | DOE Order 5440.1D (Implemented SEN 15-90)  
  Sierra Club v. Watkins (D. D.C.) – evaluate alternatives in EAs  
  NEPA Meeting, Washington, DC (March)  
  NEPA Conference, Fulfilling the Commitment: Implementing the Letter and Spirit of NEPA, McLean, VA (November)  
  Hanford Reactors Decommissioning EIS  
  New Production Reactor EIS (Draft EIS, Not Finalized) |
| 1991 | Revised DOE NEPA Regulations  
  DOE Order 5440.1E (Conforming Changes to DOE NEPA Regulations)  
  “Thank God for NEPA” – Energy Secretary Watkins, Testifying before the House Armed Services Committee Regarding the New Production Reactor  
  NEPA/CERCLA Integration Workshop, Washington, DC (February)  
  NCO Meeting, Washington, DC (May)  
  NEPA Community Meeting, Denver, CO (October)  
  Frequently Asked Questions on DOE NEPA Regulations  
  Columbia River Salmon Flow Measures EIS  
  Livermore Site-wide EIS |
  Public Service Company v. Andrus (D. ID) – halted spent nuclear fuel shipments to INEL until EIS prepared  
  DOE NEPA Web Site Established  
  NCO Meeting, Arlington, VA (March)  
  NEPA Community Meeting, Washington, DC (August)  
  CEQ: Report on Incorporating Biodiversity Considerations in NEPA Analysis  
  CEQ: Pollution Prevention and NEPA Recommendations for the Preparation of EAs and EISs (“Green Book”)  
  BPA Resource Programs EIS  
  Healy Clean Coal Project EIS  
  Weldon Spring CERCLA Feasibility Study/Remedial Action EIS (Begun after Cancellation of 1987 EIS) |
| 1993 | E.O. 12898, Environmental Justice  
  Secretary of Energy Notice (SEN-15-90)  
  Established NEPA Compliance Officers  
  Eliminated Memos-to-File  
  Eliminated Catch-All CX  
  Enhanced State/Tribe Participation  
  Revised DOE NEPA Guidelines  
  Lujan v. National Wildlife Federation (Sup. Ct.) – criteria for legal standing  
  NEPA Meeting, Washington, DC (July)  
  1st NCO Meeting, Washington, DC (October)  
  Continued Operation of K, L, and P Reactors EIS, Savannah River  
  Superconducting Super Collider Supplemental EIS  
  WIPP Supplemental EIS I  
  DOE NEPA Stakeholders Directory Started  
  Lessons Learned Quarterly Report Started  
  NCO Meeting, Augusta, GA (February)  
  NCO Meeting, Washington, DC (June)  
  NCO Meeting, Washington, DC (October)  
  Q&As on Secretarial NEPA Policy  
  Updated DOE NEPA Compliance Guide EA Checklist  
  Effective Public Participation Guidance  
  Benefits of Site-Wide NEPA Review  
  Fernald Operable Unit 4 Remedial Investigation and Feasibility Study EIS  
  Savannah River Defense Waste Processing Facility Supplemental EIS |
| 1994 |  |
### NEPA and DOE Through the Years

**1995**
- DOE Order 451.1 (Implemented Secretarial Policy, CX Authority to NCOs, New DOE Order Numbering System)
- CEQ Launched NEPAnet (Supported by DOE)
- Contracting Quality Improvement Team Report
- DOE NEPA Program Wins CEQ/NAEP Award
- NEPA Quality Team Report
- Field NCO Workshop, Albuquerque, NM (August)
- NEPA Community Meeting, Los Alamos, NM (September)
- Justice Department Memo on Application of NEPA to CERCLA Cleanups
- Safe Interim Storage of Hanford Tank Wastes EIS
- Savannah River Interim Management of Nuclear Materials EIS
- Savannah River Waste Management EIS
- Spent Nuclear Fuel Programmatic/ INEL Site-wide EIS
- Tritium Supply and Recycle Programmatic EIS

**1996**
- Revised DOE NEPA Regulations
- NEPA Contracting Reform Workshop, Washington, DC (March)
- NCO Meeting, Washington, DC (October)
- NEPA Contracting Reform Guidance
- Fissile Materials Storage and Disposition Programmatic EIS
- Foreign Research Reactor Spent Nuclear Fuel Programmatic EIS
- Hanford Tank Waste Remediation System EIS
- Nevada Test Site Site-wide EIS
- Stockpile Stewardship and Management Programmatic EIS

**1997**
- DOE Order 451.1A (Made Consistent with 1996 DOE NEPA Regulations)
- 1st DOE-wide NEPA Task Order Contracts
- NEPA Community Meeting, Albuquerque, NM (June)
- CEQ: Considering Cumulative Effects Under NEPA
- CEQ: Environmental Justice Guidance
- EIS Checklist
- Guidance on Corrective Actions Under RCRA
- BPA Watershed Management EIS
- Navajo Transmission Project EIS
- Waste Management Programmatic EIS
- WIPP-Supplemental EIS II

**1998**
- NAPA Report: DOE Improves NEPA Management Substantially
- NCO Meeting, Washington, DC (March)
- NEPA Community Meeting, Improving Performance/Getting Results, North Las Vegas, NV (October)
- CX Determinations (Records) Guidance
- Updated DOE NEPA Compliance Guide
- EIS Summary Guidance
- Glossary of Terms for DOE NEPA Documents
- NEPA Document Electronic Publishing Standards and Guidelines
- Designating and Supporting NEPA Document Managers
- Brief Guide: DOE-wide Contracts
- Public Participation Guidance, 2nd Edition
- Fourmile Hill Geothermal Project EIS
- Rocky Flats Plutonium Residues EIS

**1999**
- CEQ Memorandum on Designation of Non-Federal Agencies as Cooperating Agencies
- Accelerator Production of Tritium at Savannah River EIS
- Depleted Uranium Hexafluoride Programmatic EIS
- INEL Advanced Mixed Waste Treatment Project EIS
- Sandia Site-wide EIS
- Spallation Neutron Source EIS
- Surplus Plutonium Disposition EIS
- Tritium Extraction Facility at Savannah River EIS
- Tritium Production in Commercial Light Water Reactor EIS

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NAEP – National Association of Environmental Professionals
NAPA – National Academy of Public Administration
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<tr>
<th>Year</th>
<th>Events</th>
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<tbody>
<tr>
<td>2000</td>
<td>DOE Order 451.1B (Added NNSA Requirements)</td>
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<tr>
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<td>DOE's NEPA Lessons Learned Program Wins NAEP Environmental Excellence Award</td>
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<tr>
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<td>NCO Meeting, Looking Back/Moving Forward: 10 Years of DOE NCOs, Washington, DC (May)</td>
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<td>Clean Air Act General Conformity Requirements and the NEPA Process</td>
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<td>Mini-guidance Articles from LLQR</td>
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<td>BPA Vegetation Management Program EIS</td>
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<td></td>
<td>Civilian Nuclear R&amp;D and Isotope Production/Role of FFTF Programmatic EIS</td>
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<td>Savannah River Spent Nuclear Fuel Management EIS</td>
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<td>2001</td>
<td>E.O. 13212, Expedite Energy-Related Projects</td>
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<td>NEPA Web Site Responds to Post-9/11 Security Concerns</td>
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<td>NCO Meeting, NEPA: What’s New? What’s Next?, Washington, DC (June)</td>
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<td>National Ignition Facility Supplemental EIS</td>
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<td>Savannah River Salt Processing Alternatives Supplemental EIS</td>
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<td>Y-12 Site-wide EIS</td>
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<td>2002</td>
<td>Sierra Club v. Bosworth (N.D. Ca.) – EIS must address cumulative impacts stemming from disconnected actions with similar timing, geography, and purpose</td>
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<td>CEQ Established Task Force on Modernizing NEPA (DOE Participant)</td>
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<td>Six DOE-Wide NEPA Contracts Issued</td>
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<td>DOE NEPA Web Site Redesigned</td>
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<td>NEPA Community Meeting, Re-Energizing NEPA at DOE, Washington, DC (July)</td>
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<td>CEQ: Cooperating Agency Guidance (Established Cooperating Agency Reports)</td>
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<td>Accident Analysis Guidance</td>
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<td>Policies on Application of NEPA to CERCLA and RCRA</td>
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<td>Geologic Repository at Yucca Mountain EIS</td>
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<td>Idaho High-Level Waste and Facilities Disposition EIS</td>
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<td>Savannah River High-Level Waste Tanks Closure EIS</td>
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<td>2003</td>
<td>Revised Regulations for Compliance with Floodplains/Wetlands Protection</td>
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<td>Revised DOE NEPA Regulations (Made Consistent with Revised Floodplains/Wetlands Regulations)</td>
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<td>Hodges v. DOE (4th Cir.) – Supreme Court declined to hear challenge of appellate court's approval of DOE's use of Supplement Analysis</td>
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<td>Mid-States Coalition for Progress v. Surface Transportation Board (8th Cir.) – consider impacts when the nature of the effect is reasonably foreseeable, even if the extent is not</td>
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<td>Citizens for Better Forestry v. U.S. Department of Agriculture (9th Cir.) – public review of and comment on EA and FONSI</td>
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<td>CEQ Task Force Report: Modernizing NEPA Implementation</td>
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<td>NEPA Community Meeting, Are We There Yet?, Washington, DC (July)</td>
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<td>Interim Actions Guidance</td>
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<td>Annual NEPA Planning Summaries Guidance</td>
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<td>Brief Guide: DOE-wide NEPA Contracts Revised</td>
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<td>BPA Fish and Wildlife Implementation Plan EIS</td>
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<td>Chemistry and Metallurgy Research Building Replacement EIS</td>
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<td>2004</td>
<td>Department of Transportation v. Public Citizen (Sup. Ct.) – EIS not required when agency &quot;lacks the power to act,&quot; issues not raised during NEPA process cannot be basis for later judicial NEPA challenge</td>
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<td>Norton v. Southern Utah Wilderness Alliance (Sup. Ct.) – supplemental EIS not required when no &quot;ongoing major Federal action&quot;</td>
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<td>White House Task Force on Energy Project Streamlining (DOE Participant)</td>
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<td>10th Anniversary of LLQR</td>
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<td>10th Anniversary of NEPA Stakeholders Directory</td>
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<td>NEPA Stakeholders Directory Issued as Interactive Software Application</td>
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<td>NEPA Community Meeting, Getting Better and Better, Washington, DC (July)</td>
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<td>Recommendations for the Preparation of EAs and EISs, 2nd Edition</td>
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<td>Hanford Solid Waste EIS</td>
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<td>Imperial-Mexicali Transmission Line EIS</td>
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<td>Paducah and Portsmouth DUF₆ Conversion Facility EISs</td>
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<td>West Valley Waste Management EIS</td>
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<td>2005</td>
<td>OneSC NEPA Workshop (March)</td>
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<td>NEPA 35: Spotlight on Environmental Excellence, Washington, DC (November)</td>
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<td>House Resources Committee NEPA Task Force</td>
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<td>IG Audit of INL EIS (Idaho Operations Office Complied with NEPA)</td>
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<td>CEQ Guidance on the Consideration of Past Actions in Cumulative Effects Analysis</td>
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