

# Attachment E

## Applicable Laws And Regulations (List A)

Necessary and Sufficient Environmental,  
Safety and Health Standards  
Revised: 04/14/2011

CODE OF FEDERAL REGULATIONS (CFR)
10 CFR 8.4 - Interpretation by the General Counsel: AEC Jurisdiction
10 CFR 835 - Occupational Radiation Protection (Except Sections 101 (c), ALARA Plans and Measures, 402 (b), DOE Laboratory Accreditation Program for Personal Dosimetry, 901, General Employee Training, and 902, Radiological Workers Training)
10 CFR 851 – Worker Safety and Health Program
10 CFR 1021 - DOE NEPA Implementing Regulations, Subtitle B - DOE Decision making
10 CFR 1021 - DOE NEPA Implementing Regulations, Subtitle D - Typical Classes of Actions (Including ref. Appendices A-D)
OSH Act of 1970, Section 5 (a)(1) - General Duty Clause
29 CFR 1904 - OSHA Recordkeeping and Reporting Occupational Injuries and Illness
29 CFR 1910 - Occupational Safety and Health Standards for General Industry
29 CFR 1926 - Occupational Safety and Health Standards for the Construction Industry
33 CFR 320 - General Regulatory Policies
33 CFR 323 - Permits for Discharges of Dredged or Fill Material into Waters of the United States
33 CFR 325 - Processing of Department of the Army Permits
33 CFR 328 - Definition of Waters of the United States
33 CFR 330 - Nationwide Permits
36 CFR 63 - Determination of Eligibility for Inclusion in the National Register of Historic Places
36 CFR 65 - National Historic Landmarks Program
36 CFR 78 - Waiver of Federal agency responsibilities under section 110 of the National Historic Preservation Act
36 CFR 79 - Curation of Federally-Owned and Administered Archaeological Collections.
36 CFR 800 - Protection of Historic and Cultural Properties
40 CFR 50 - National Primary and Secondary Ambient Air Quality Standards
40 CFR 61- National Emission Standards for Hazardous Air Pollutants
40 CFR 66 - Assessment and Collection of Noncompliance Penalties by EPA
40 CFR 79 - Registration of Fuels and Fuel Additives
40 CFR 82 - Protection of Stratospheric Ozone
40 CFR 88 - Clean-Fuel Vehicles
40 CFR 110 - Discharge of Oil

40 CFR 112 - Oil Pollution Prevention
40 CFR 113 - Liability Limits for Small Onshore Storage Facilities
40 CFR 116 - Designation of Hazardous Substances
40 CFR 117 - Determination of Reportable Quantities for Hazardous Substances
40 CFR 122 - EPA Administered Permit Programs: The National Pollutant Discharge Elimination System (NPDES)
40 CFR 131 - Water Quality Standards
40 CFR 141 - National Primary Drinking Water Regulations
40 CFR 142 - National Primary Drinking Water Regulations Implementation
40 CFR 166 - Exemption of Federal and State Agencies for use of Pesticides under Emergency Conditions
40 CFR 171 - Certification of Pesticide Applicators
40 CFR 260-270 - Resource Conservation and Recovery Act (RCRA)
40 CFR 261 - Identification and Listing of Hazardous Waste
40 CFR 262 - Standards Applicable to Generators of Hazardous Waste
40 CFR 268 - Land Disposal Restrictions
40 CFR 273 - Standards for Universal Waste Management
40 CFR 279 - Standards for the Management of Used Oil
40 CFR 302 - Designation, Reportable Quantities, and Notification (CERCLA)
40 CFR 355 - Emergency Planning and Notification (CERCLA)
40 CFR 370 - Hazardous Chemical Reporting: Community Right -To-Know
40 CFR 401 - General Provisions - Effluent Guideline and Standards
40 CFR 403 - General Pretreatment Regulations for Existing and New Sources of Pollution
40 CFR 763 Subpart G - Asbestos Abatement Projects
49 CFR 107-199 - Transportation - Hazardous Materials Regulations
49 CFR 382-399 - Transportation - Federal Motor Carrier Safety Regulations
50 CFR 17 - Endangered and Threatened Wildlife and Plants
50 CFR 402 - Interagency Cooperation - Endangered Species Act of 1973
50 CFR 424 - Listing Endangered and Threatened Species and Designating Critical Habitat
50 CFR 450 - General Provisions - Endangered Species Exemption Process
50 CFR 451 - Application Process
<b>UNITED STATES CODE (USC)</b>
7 USC 136 et seq. - Environmental Pesticide Control Act
7 USC 136 et seq. - Federal Insecticide, Fungicide, and Rodenticide Act
7 USC 7701 Plant Protection Act 2000 (as amended by the Noxious Weed Control and Eradication Act 2004)
15 USC 2601 et seq.- Toxic Substances Control Act, Title II (Asbestos Hazard Emergency Response)
16 USC 431 et seq. - Antiquities Act of 1906
16 USC 470 et seq. - Archaeological Resources Protection Act of 1979 (ARPA)

16 USC 470 et seq. - National Historic Preservation Act of 1966 (NHPA)
16 USC 661 et seq. - Fish and Wildlife Coordination Act
16 USC 668 et seq. - Bald and Golden Eagle Protection Act
16 USC 703 et seq. - Migratory Bird Treaty Act
16 USC 1531 et seq. - Endangered Species Act of 1973
33 USC 1251, et seq. - Clean Water Act
33 USC 1321 - Oil and Hazardous Substances Liability (Clean Water Act, Section 311)
42 USC Sec. 300f et seq. - Safe Drinking Water Act, and 42 USC 201 - Safe Drinking Water Act Amendments of 1996
42 USC 6901 et seq. - Resource Conservation and Recovery Act (RCRA)
42 USC 7401 et seq. - Clean Air Act & Amendments
42 USC 9602 - CERCLA, Title I, Section 102 - Reportable Quantities and Additional Designations
42 USC 9603 - CERCLA, Title I, Section 103 - Notices, Penalties
42 USC 11000-11050 - Emergency Planning and Community Right-to-Know Act of 1986 (EPCRA)
42 USC 13101-13109 - Pollution Prevention Act of 1990
<b>EXECUTIVE ORDER (EO)</b>
EO 11593 - Protection and Enhancement of Cultural Environment 1971
EO 11738 - Providing for Administration of the Clean Air Act and the Federal Water Pollution Control Act with Respect to Federal Contracts, Grants or Loans
EO 11988 - Floodplain Management
EO 11990 - Protection of Wetlands
EO 12114 - Environmental Effects Abroad of Major Federal Actions
EO 12843 - Procurement Requirements and Policies for Federal Agencies for Ozone-Depleting Substances
EO 12856 - Federal Compliance with Right-to-Know Laws and Pollution Prevention Requirements
EO 12898 - Federal Actions to Address Environmental Justice in Minority Populations and Low Income Populations
EO 13112 - Invasive Species 1999
EO 13186 - Responsibilities of Federal Agencies to Protect Migratory Birds
EO 13423 – Strengthening Federal Environmental, Energy, and Transportation Management
EO 13514 – Federal Leadership in Environmental, Energy, and Economic Performance
<b>OTHER FEDERAL STANDARDS</b>
EPA Air Quality Standards
<b>DEPARTMENT OF ENERGY</b>
DOE P 456.1 – Secretarial Policy Statement on Nanoscale Safety (dated 09/15/05)
<b>CODE OF COLORADO REGULATIONS (CCR)</b>
2 CCR 402-2 - Water Well Construction
2 CCR 402-4 - Rules for Small Capacity Well Permits in Designated Ground Water Basins

2 CCR 406-8 Chapter 10, Article 2 and 3 - Non-Game Wildlife
5 CCR 1001. 1-20 - Colorado Department of Public Health & Environment, Air Quality Control Commission Regulations
5 CCR 1001-10, Regulation No. 8 - Control of Hazardous Air Pollutants
5 CCR 1001-19 - Control of Emission of Ozone Depleting Compounds
5 CCR 1002-31 - Basic Standards and Methodologies for Surface Water
5 CCR 1002-41 - The Basic Standards for Groundwater
5 CCR 1002-42 - Site-Specific Water Quality Classifications and Standards for Ground Water (Rocky Flats Area)
5 CCR 1002-61 - Colorado Discharge Permit System Regulations
5 CCR 1002-62 - Regulations for Effluent Limits
5 CCR 1002-63 - Pretreatment Regulations
5 CCR 1002-65 - Regulations Controlling Discharges to Storm Sewers
5 CCR 1003 -1 - Primary Drinking Water Regulations
5 CCR 1003-6 - Guidelines on Individual Sewage Disposal Systems
6 CCR 1007-1, Part 1 - General Provisions
6 CCR 1007-1, Part 2 - Registration of Radiation Producing Machines
6 CCR 1007-1, Part 3, Sections 1-7 - Exempt and General License Material
6 CCR 1007-1, Part 4 - Standards for Protection Against Radiation
6 CCR 1007-1, Part 8 - Radiation Safety Requirements for Analytical X-Ray Equipment
6 CCR 1007-1, Part 10 - Notices, Instructions, and Reports to Workers: Inspections
6 CCR 1007-1, Part 17 - Transportation of Radioactive Material
6 CCR 1007-3 - Colorado Hazardous Waste Regulations
7 CCR 1101-14 – Underground Storage Tanks and Aboveground Storage Tanks
8 CCR 1507-1 - Colorado Operation of Commercial Vehicles and Transportation of Hazardous Materials
8 CCR 1507-7 - Colorado Hazardous Materials Route Designation
8 CCR 1507-8 - Colorado Hazardous Materials Transportation Reporting
8 CCR 1507-9 - Colorado Transporting and Shipping of Hazardous Materials
Rules and Regulations Pertaining to the Administration and Enforcement of the Colorado Weed Management Act (Colorado State Weed List - No citation available yet.)
<b>COLORADO REVISED STATUTES (CRS)</b>
8 CRS 20.5, Parts 1-3 - Petroleum Storage Tanks
25 CRS 7 - Air Quality Control
25 CRS 8 - Colorado Water Quality Control Act
25 CRS 10 - Individual Sewage Disposal Systems Act
25 CRS 15, Part 1, Part 3 - State Hazardous Waste Management Program
25 CRS 15, Part 1, Part 4 - Infectious Waste
29 CRS 22 - Hazardous Substances Incidents
33 CRS 2 - Nongame and Endangered Species Conservation

33 CRS 6 - Law Enforcement and Penalties
35 CRS 5 - Pest Control Districts
35 CRS 5.5 - Colorado Weed Management Act
35 CRS 9 - Pesticide Act
35 CRS 10 - Pesticide Applicators Act
37 CRS 90 - 101, et seq. - Colorado Ground Water Management Act
<b>AMERICAN CONFERENCE OF GOVERNMENTAL INDUSTRIAL HYGIENISTS (ACGIH)</b>
ACGIH Threshold Limit Values for Chemical Substances and Physical Agents (Latest Edition)
<b>AMERICAN NATIONAL STANDARDS INSTITUTE (ANSI)</b>
ANSI Z136.1 - Safe Use of Lasers (Latest Version)
ANSI Z88.2 – American National Standard for Respiratory Protection
ANSI Z49.1:2005 – Safety in Welding, Cutting and Allied Processes
<b>AMERICAN SOCIETY OF MECHANICAL ENGINEERS (ASME)</b>
ASME Boiler and Pressure Vessel Code (Sections I – XII, including applicable Code cases)
<b>NATIONAL FIRE PROTECTION ASSOCIATION (NFPA)</b>
NFPA - National Fire Codes (Latest Version of Each Code, or as Adopted by the Authority Having Jurisdiction)
<b>NATIONAL INSTITUTE OF HEALTH (NIH)</b>
NIH - Guidelines for Research Involving Recombinant DNA Molecules (Latest Edition)
Excluding:
<ul style="list-style-type: none"> <li>• Section IV-B-2-a(3): Annual reporting to NIH including the roster of NREL’s Institutional Biosafety Committee (IBC).</li> <li>• Section IV-B-2-a(6): Open IBC meetings to the public, when possible.</li> <li>• Section IV-B-2-a(7): All IBC meeting minutes will be made available to the public for review and comment. Public comments and the IBC response is to be forwarded to NIH.</li> </ul>
<b>INTERNATIONAL CONFERENCE OF BUILDING OFFICIALS</b>
International Building Code (IBC) 2006
International Fire Code (IFC) 2006
<b>OTHER LOCAL STANDARDS</b>
Consolidated Mutual Water Company Rules
Jefferson County Dept. of Health and Environment, Individual Sewage Disposal Sys. Reg.
Metro Wastewater Reclamation District Rules and Regulations
Pleasant View Water and Sanitation District Rules and Regulations
West Metro Fire Rescue Amendments to the International Fire Code