

APPENDIX D

Federal, State, and Local Laws and Regulations Pertinent to BNL

DOE Directives, Regulations, and Standards

DOE O 151.1E	Comprehensive Emergency Management System, effective 10/28/2024
DOE O 231.1B	Order: Admin Change 1: Environment, Safety and Health Reporting 11/28/2012
DOE O 413.3B	Program and Project Management for the Acquisition of Capital Assets, effective 6/21/2023
DOE O 414.1E	Quality Assurance 12/18/2024
DOE O 435.1	Order: Change 2: Radioactive Waste Management 01/11/2021
DOE O 456.1A	Safe Handling of Unbound Engineered Nanoparticles
DOE O 458.1	Order: Change 4: Radiation Protection of the Public and the Environment 9/15/2020
DOE O 460.1D, 2B	Hazardous Materials Packaging Safety and Management
DOE-STD-1153-2019	A Graded Approach for Evaluation of Radiation Doses to Aquatic and Terrestrial Biota 2/12/2019
DOE-STD-1196-2011	Derived Concentration Technical Standard 5/05/2011

Federal Laws and Regulations

10 CFR 1021	National Environmental Protection Act, Implementing and Procedures
10 CFR 1022	Compliance with Floodplain/Wetlands Environmental Review Requirements
10 CFR 830	Subpart A: Quality Assurance Requirements
16 USC 461-467	Historic Sites Act of 1935
16 USC 469	Archaeological and Historic Preservation Act
16 USC 470	National Historic Preservation Act
16 USC 470aa-470ll	Archaeological Resources Protection Act of 1979
16 USC 668 A-D	The Bald and Golden Eagle Protection Act
16 USC 703-712	Migratory Bird Treaty Act

APPENDIX D: FEDERAL, STATE, AND LOCAL LAWS AND REGULATIONS PERTINENT TO BNL

29 CFR 1910.119	Process Safety Management of Highly Hazardous Chemicals
29 CFR 1910.120	Emergency Response to Hazardous Substance Releases
36 CFR 60	National Register of Historic Places
36 CFR 63	Determination of Eligibility for Inclusion in the National Register of Historic Places
36 CFR 79	Curation of Federally Owned and Administered Archaeological Collections
36 CFR 800	Protection of Historic Properties
40 CFR 50-0	National Primary and Secondary Ambient Air Quality Standards
40 CFR 60, A	Standards of Performance for New Stationary Sources (NSPS)
40 CFR 60, Db	Standards of Performance for Industrial-Commercial-Institutional Steam Generating Units
40 CFR 60, IIII	Standards of Performance for Stationary Compression Ignition Internal Combustion Engine
40 CFR 60, JJJJ	Standards of Performance for Stationary Spark Ignition Internal Combustion Engines
40 CFR 61, A, G, H	National Emission Standards for Hazardous Air Pollutants
40 CFR 63	National Emissions Standards for Hazardous Air Pollutants for Source Categories: General Provisions; and Requirements for Control Technology Determinations for Major Sources in accordance with Clean Air Act Sections 112(g) and 112(j)
40 CFR 68	Chemical Accident Prevention Provisions
40 CFR 82	Protection of Stratospheric Ozone
40 CFR 82 F	Recycling and Emission Reduction
40 CFR 98	Mandatory Greenhouse Gas Reporting
40 CFR 109	Criteria for State, Local and Regional Oil Removal Contingency Plans
40 CFR 110.6	Discharge of Oil
40 CFR 112	Oil Pollution Prevention Act
40 CFR 117	Determination of Reportable Quantities for Hazardous Substances
40 CFR 121	State Certification of Activities Requiring a Federal License or Permit
40 CFR 122	National Pollution Discharge Elimination System (NPDES)
40 CFR 123	State Program Requirements
40 CFR 124	Procedures for Decision-making
40 CFR 125	Criteria and Standards for the National Pollutant Discharge Elimination System
40 CFR 126	Rule for limiting fugitive particulate matter emissions



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40 CFR 127	NPDES Electronic Reporting
40 CFR 129	Toxic Pollutant Effluent Standards
40 CFR 130	Water Quality Planning and Management
40 CFR 131	Water Quality Standards
40 CFR 133	Secondary Treatment Regulation
40 CFR 136	Guidelines Establishing Test Procedures for the Analysis of Pollutants
40 CFR 141	National Primary Drinking Water Regulations
40 CFR 142	National Primary Drinking Water Regulations Implementation
40 CFR 143	National Secondary Drinking Water Regulations
40 CFR 144	Underground Injection Control (UIC) Program
40 CFR 145	Underground Injection Control (UIC) Program
40 CFR 146	Underground Injection Control (UIC) Program: Criteria and Standards
49 CFR 147	Underground Injection Control (UIC) Program
40 CFR 148	Hazardous Waste Injection Restrictions
40 CFR 167	Submissions of Pesticide Reports
40 CFR 168	Statements of Enforcement Policies and Interpretations
40 CFR 170	Worker Protection Standard
40 CFR 171	Certification of Pesticide Applicators
40 CFR 194	Waste Characterization Program Documents Applicable to Transuranic Radioactive Waste from Rocky Flats Environmental Technology Site for Disposal at the Waste Isolation Pilot Plant
40 CFR 230	Section 404(b)(1) Guidelines for Specification of Disposal Sites for Dredged or Fill Material
40 CFR 260	Hazardous Waste Management Systems: General
40 CFR 261	Identification and Listing of Hazardous Waste
40 CFR 262	Standards Applicable to Generators of Hazardous Waste
40 CFR 263	Standards Applicable to Transporters of Hazardous Waste
40 CFR 264	Standards for Owners and Operators of Hazardous Waste Treatment, Storage, and Disposal Facilities
40 CFR 265	Interim Status Standards for Owners and Operators of Hazardous Waste Treatment, Storage, and Disposal Facilities



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40 CFR 268	Land Disposal Restrictions
40 CFR 270	EPA Administered Permit Program: The Hazardous Waste Permit Program
40 CFR 273	Standards for Universal Waste Management
40 CFR 279	Standards for the Management of Used Oil
40 CFR 280	Technical Standards and Corrective Action Requirements for Owners and Operators of Underground Storage Tanks (USTs)
40 CFR 300	National Oil and Hazardous Substances Pollution Contingency Plan
40 CFR 302	Designation, Reportable Quantities, and Notification
40 CFR 302.6	Notification Requirements under CERCLA and Title III of the Superfund Amendments and Reauthorization Act of 1986
40 CFR 355	Protection of the Environment/Emergency Planning and Notification
40 CFR 370	Hazardous Chemical Report: Community Right-to-Know
40 CFR 372	Toxic Chemical Release Report: Community Right-to-Know
40 CFR 704	Toxic Substances Control Act: Reporting and Recordkeeping Requirements
40 CFR 707	Chemical Imports and Exports
40 CFR 710	Inventory Reporting Regulations
40 CFR 712	Chemical Information Rules
40 CFR 721	Significant New Users of Chemical Substances
40 CFR 745	Lead-Based Paint Poisoning Prevention in Certain Residential Structures
40 CFR 750	Procedures for Rulemaking Under Section 6 of TSCA
40 CFR 761	PCBs Manufacturing, Processing, Distribution in Commerce, and Use Prohibitions
40 CFR 763	Asbestos
40 CFR 1500	Council on Environmental Quality: Purpose, Policy, and Mandate
40 CFR 1501	NEPA and Agency Planning
40 CFR 1502	Environmental Impact Statement
40 CFR 1503	Commenting
40 CFR 1504	Predecision Referrals to the Council of Proposed Federal Actions
40 CFR 1505	NEPA and Agency Decision-making
40 CFR 1506	Other Requirements of NEPA
40 CFR 1507	Agency Compliance



40 CFR 1508	Terminology and Index
40 CFR 1604	Reporting of Accidental Releases
43 CFR 10	Native American Graves Protection and Repatriation Regulations
49 CFR 172	Transportation/Hazardous Materials Regulations/ Hazardous Materials Table, Special Provisions, Hazardous Materials Communications, Emergency Response Information, and Training Requirements
49 CFR 173	Transportation/Shippers - General Requirements for Shipments and Packaging
50 CFR 17	Endangered and Threatened Wildlife and Plants
50 CFR 21	Migratory Bird Permits 16 USC 703-712 Migratory Bird Treaty Act
50 CFR 22	Eagle Permits 16 USC 668a-d Bald and Golden Eagle Protection Act

New York State Laws, Regulations, and Standards

6 NYCRR 182	Endangered and Threatened Species of Fish and Wildlife, Species of Special Concern
6 NYCRR 193.3	Trees and Plants/Protected Native Plants
6 NYCRR 200	General Provisions
6 NYCRR 201	Subpart 201-1: General Provisions
6 NYCRR 202	Part 202: Emissions Verification
6 NYCRR 205	Architectural and Industrial Maintenance (AIM) Coatings
6 NYCRR 207	Control Measures for an Air Pollution Episode
6 NYCRR 208	Landfill Gas Collection and Control System for Certain Municipal Solid Waste Landfills
6 NYCRR 211	General Prohibitions
6 NYCRR 212	Process Operations
6 NYCRR 215	Open Fires
6 NYCRR 217	Environmental Conservation Rules and Regulations [Exhaust and Emission Standards]
6 NYCRR 218	Subpart 218-1 [More on Vehicle Exhaust]
6 NYCRR 221	Asbestos-Containing Surface Coating Material
6 NYCRR 225	Subpart 225-1: Fuel Composition and Use – Sulfur Limitations
6 NYCRR 226	Solvent Metal Cleaning Processes
6 NYCRR 227	Subpart 227-2: Reasonable Available Control Technology (RACT) for Major Facilities of Oxides of Nitrogen (NOx)
6 NYCRR 228	Subpart 228-1: Surface Coating Processes

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6 NYCRR 229	Petroleum and Volatile Organic Liquid Storage and Transfer
6 NYCRR 230	Gasoline Dispensing Sites and Transport Vehicles
6 NYCRR 231	New Source Review for New and Modified Facilities
6 NYCRR 234	Graphic Arts
6 NYCRR 241	Asphalt Pavement and Asphalt Based Surface Coating Regulation and Update of VOC Lists. (Effective Date 01-01-2011)
6 NYCRR 320	Pesticides - General
6 NYCRR 325	Application of Pesticides
6 NYCRR 326	Registration and Classification of Pesticides
6 NYCRR 360	Solid Waste Management Facilities General Requirements
6 NYCRR 361	Siting of Industrial Hazardous Waste Facilities
6 NYCRR 364	Waste Transporter Permits
6 NYCRR 370	Hazardous Waste Management Regulations
6 NYCRR 371	Identification and Listing of Hazardous Waste
6 NYCRR 372	Hazardous Waste Manifest System and Related Standards for Generators, Transporters and Facilities
6 NYCRR 373	Hazardous Waste Management Facilities
6 NYCRR 374	Standards for the Management of Specific Hazardous Wastes
6 NYCRR 375	Environmental Remediation Programs
6 NYCRR 376	Land Disposal Restrictions
6 NYCRR 595-599	New York State Department of Environmental Conservation, "Hazardous Substance Bulk Storage Regulations,"
6 NYCRR 608	Article 15, Title 5 – Protection of Waters
6 NYCRR 610	New York State Navigation Law - Article 12 Oil Spill Control and Compensation Act
6 NYCRR 611-613	Handling and Storage of Petroleum
6 NYCRR 662-663	Article 24 - Freshwater Wetlands
6 NYCRR 666	Article 15, Title 27 - Wild, Scenic, Recreational River Systems Act
6 NYCRR 700	Classification and Standards of Quality and Purity
6 NYCRR 701	Classification – Surface Waters and Groundwaters
6 NYCRR 702	Derivation and Use of Standards and Guidance Values



6 NYCRR 703	Surface Water and Groundwater Quality Standards and Groundwater Effluent Limitations
6 NYCRR 750	Obtaining a SPDES Permit
8 NYCRR 101	New York State Environmental Quality Review Act
10 NYCRR 5	State Sanitary Code – Part 5
ECL – Article 27	Title 21 – Section 2: NYS Environmental Conservation Law, Mercury-Added Consumer Products
ECL – Article 27	Title 9 – Section 27-0908: NYS Environmental Conservation Law of 1990, Hazardous Waste Reduction Plan
NYSDOH Article 28;	Public Health Law Pertaining to Cooling Tower Legionella Prevention

Suffolk County Rules, Regulations, and Standards

Suffolk County Memorandum of Agreement

SCSC Art. 12	Toxic and Hazardous Material Storage, Handling and Control Substance Bulk Storage Regulations
SCSC Art. 18	Petroleum Bulk Storage Regulations



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