Web Link Index

NRC: An Independent Regulatory Agency

Mission, Goals, and Statutory Authority

Strategic Plan (NUREG-1614) www.nrc.gov/reading-rm/doc-collections/nuregs/staff/sr1614

Statutory Authority www.nrc.gov/about-nrc/governing-laws.html

Major Activities

Public Involvement www.nrc.gov/public-involve.html

Freedom of Information Act (FOIA) www.nrc.gov/reading-rm/foia/foia-privacy.html

Agency Rulemaking Actions www.regulations.gov

Significant Enforcement Actions www.nrc.gov/reading-rm/doc-collections/enforcement/actions/

Organizations and Functions

Organization Chart www.nrc.gov/about-nrc/organization/nrcorg.pdf

The Commission www.nrc.gov/about-nrc/organization/commfuncdesc.html

Commission Direction-Setting and Policymaking Activities www.nrc.gov/about-nrc/policymaking.html

NRC Regions www.nrc.gov/about-nrc/locations.html

NRC Budget

Performance Budget: Fiscal Year 2012 (NUREG-1100) www.nrc.gov/reading-rm/doc-collections/nuregs/staff/sr1100

U.S. and Worldwide Nuclear Energy

U.S. Electricity

Energy Information Administration Official Energy Statistics from the U.S. Government www.eia.doe.gov

Worldwide Electricity Generated by Commercial Nuclear Power

International Atomic Energy Agency (IAEA) www.iaea.org IAEA Power Reactor Information System (PRIS) www.iaea.org/programmes/a2 Nuclear Energy Agency (NEA) www.nea.fr/ World Nuclear Association (WNA) www.world-nuclear.org/ World Nuclear Power Reactors and Uranium Requirements www.world-nuclear.org/info/reactors.html WNA Reactor Database www.world-nuclear.org/reference/default.aspx WNA Global Nuclear Reactors Map www.wano.org.uk/WANO_Documents/WANO_Map/WANO_Map.pdf NRC Office of International Programs www.nrc.gov/about-nrc/organization/oipfuncdesc.html NRC Regulatory Information Conference (RIC) www.nrc.gov/public-involve/conference-symposia/ric/index.html

International Activities

Treaties and Conventions www.nrc.gov/about-nrc/ip/treaties-conventions.html

Operating Nuclear Reactors

U.S. Commercial Nuclear Power Reactors

Commercial Reactors www.nrc.gov/info-finder/reactor/

Oversight of U.S. Commercial Nuclear Power Reactors

Reactor Oversight Process (ROP) www.nrc.gov/NRR/OVERSIGHT/ASSESS/index.html

NUREG-1649, "Reactor Oversight Process" www.nrc.gov/reading-rm/doc-collections/nuregs/staff/sr1649

ROP Performance Indicators Summary www.nrc.gov/NRR/OVERSIGHT/ASSESS/pi_summary.html

Future U.S. Commercial Nuclear Power Reactor Licensing

New Reactor License Process www.nrc.gov/reactors/new-reactor-op-lic/licensing-process.html#licensing

New Reactors

New Reactor Licensing www.nrc.gov/reactors/new-reactors.html

Reactor License Renewal

Reactor License Renewal Process www.nrc.gov/reactors/operating/licensing/renewal/process.html

10 CFR Part 51, "Environmental Protection Regulations for Domestic Licensing and Related Regulatory Functions"

www.nrc.gov/reading-rm/doc-collections/cfr/part051/

10 CFR Part 54, "Requirements for Renewal of Operating Licenses for Nuclear Power Plants"

www.nrc.gov/reading-rm/doc-collections/cfr/part054/

Status of License Renewal Applications and Industry Activities www.nrc.gov/reactors/operating/licensing/renewal/applications.html

U.S. Nuclear Research and Test Reactors

Research and Test Reactors www.nrc.gov/reactors/non-power.html

Nuclear Regulatory Research

Nuclear Reactor Safety Research www.nrc.gov/about-nrc/regulatory/research/reactor-rsch.html

State-of-the-Art Reactor Consequence Analyses (SOARCA) www.nrc.gov/about-nrc/regulatory/research/soar.html

Risk Assessment in Regulation www.nrc.gov/about-nrc/regulatory/risk-informed.html

Digital Instrumentation and Controls www.nrc.gov/about-nrc/regulatory/research/digital.html

Computer Codes www.nrc.gov/about-nrc/regulatory/research/comp-codes.html

Generic Issues Program www.nrc.gov/about-nrc/regulatory/gen-issues.html

The Committee To Review Generic Requirements (CRGR) www.nrc.gov/about-nrc/regulatory/crgr.html

Nuclear Materials

U.S. Fuel Cycle Facilities

U.S. Fuel Cycle Facilities www.nrc.gov/info-finder/materials/fuel-cycle/

Uranium Recovery

Uranium Milling/Recovery www.nrc.gov/info-finder/materials/uranium/

U.S. Materials Licenses

Materials Licensees Toolkits www.nrc.gov/materials/miau/mat-toolkits.html

Medical Applications

Medical Applications www.nrc.gov/materials/medical.html

Medical Uses

Medical Uses www.nrc.gov/materials/miau/med-use.html

Nuclear Gauges and Commercial Product Irradiators

General Licenses Uses www.nrc.gov/materials/miau/general-use.html

Industrial Uses of Nuclear Material

Industrial Applications www.nrc.gov/materials/miau/industrial.html

Exempt Consumer Products www.nrc.gov/materials/miau/consumer-pdts.html

Radioactive Waste

U.S. Low-Level Radioactive Waste Disposal

Low-Level Radioactive Waste www.nrc.gov/waste/low-level-waste.html

U.S. High-Level Radioactive Waste Management: Disposal and Storage

High-Level Radioactive Waste www.nrc.gov/waste/high-level-waste.html

Spent Nuclear Fuel Storage

Spent Nuclear Fuel Storage www.nrc.gov/waste/spent-fuel-storage.html

U.S. Nuclear Materials Transportation

Nuclear Materials Transportation www.nrc.gov/materials/transportation.html

Decommissioning

Decommissioning www.nrc.gov/about-nrc/regulatory/decommissioning.html

Nuclear Security and Emergency Preparedness

Nuclear Security www.nrc.gov/security.html

Domestic Safeguards

Domestic Safeguards www.nrc.gov/security/domestic.html

Information Security

Information Security www.nrc.gov/security/info-security.html

Ensuring the Security of Radioactive Material www.nrc.gov/security/byproduct.html

Emergency Preparedness and Response

Emergency Preparedness and Response www.nrc.gov/about-nrc/emerg-preparedness.html

Research and Test Reactor Emergency Preparedness

Research and Test Reactors www.nrc.gov/reactors/non-power.html

Emergency Preparedness Stakeholder Meetings and Workshops

www.nrc.gov/public-involve/public-meetings/stakeholder-mtngs-wksps.html

Emergency Action Level Development

www.nrc.gov/about-nrc/emerg-preparedness/about-emerg-preparedness/emerg-action-level-dev.html

Hostile-Action-Based Emergency Preparedness Drills

www.nrc.gov/about-nrc/emerg-preparedness/respond-to-emerg/hostile-action.html

Exercise Schedules

NRC Participation Exercise Schedule www.nrc.gov/about-nrc/emerg-preparedness/about-emerg-preparedness/ exercise-schedules.html

Other Web Links

Employment Opportunities

NRC—A Great Place to Work www.nrc.gov/about-nrc/employment.html

Glossary

NRC Basic References www.nrc.gov/reading-rm/basic-ref/glossary/full-text.html

Glossary of Electricity Terms

www.eia.doe.gov/cneaf/electricity/epav1/glossary.html

Glossary of Security Terms

https://hseep.dhs.gov/DHSResource/Glossary.aspx

Public Involvement

NRC Library www.nrc.gov/reading-rm.html Freedom of Information and Privacy Acts www.nrc.gov/reading-rm/foia/foia-privacy.html Agencywide Documents Access and Management System (ADAMS) www.nrc.gov/reading-rm/adams.html Public Document Room www.nrc.gov/reading-rm/pdr.html Public Meeting Schedule www.nrc.gov/public-involve/public-meetings/index.cfm Documents for Comment www.nrc.gov/public-involve/doc-comment.html

Small Business and Civil Rights

Contracting Opportunities for Small Businesses www.nrc.gov/about-nrc/contracting/small-business.html

Workplace Diversity www.nrc.gov/about-nrc/employment/diversity.html

Discrimination Complaint Activity www.nrc.gov/about-nrc/civil-rights.html

Equal Employment Opportunity Program www.nrc.gov/about-nrc/civil-rights/eeo.html

Limited English Proficiency www.nrc.gov/about-nrc/civil-rights/limited-english.html

Minority Serving Institutions Program www.nrc.gov/about-nrc/grants.html#msip

NRC Comprehensive Diversity Management Plan brochure www.nrc.gov/reading-rm/doc-collections/nuregs/brochures/br0316

Index

A

Academic 2, 4, 13, 55, 60, 64, 178, 189, 198

Appropriation 13

- Agreement States 4, 60, 61, 64, 67, 68, 70, 72, 73, 80, 82, 92, 99, 145, 164, 170, 176, 178, 185
- Atomic Energy Act 4, 9, 24, 40, 87, 165

В

Bilateral programs 22

Boiling-water reactor 30, 33, 51, 110, 164,168

Byproduct 2, 129, 164, 168, 175, 176, 179, 180, 184

С

Cask 69, 79, 83, 85, 86, 87, 90, 147, 165, 168

D

Decommissioning 3, 4, 5, 13, 35, 43, 70, 72, 73, 78, 80, 92, 93, 128, 129, 144, 151, 154, 160, 167, 170, 188, 195

Disposal 2, 5, 9, 59, 69, 72, 80, 81, 82, 85, 86, 87, 88, 89, 152, 165, 167, 172, 174, 176, 178, 184, 190, 191, 195

Ε

Energy Reorganization Act 4 Enrichment 8

Environmental issues 40

F

Fabrication 58, 59, 60, 68, 69, 72, 74, 77, 80, 98, 146, 164, 172, 177, 180, 190 Fuel facilities 13, 60, 72, 96, 98 Fuel rods 39, 76, 77, 84, 172, 182

G

Gaseous diffusion 5, 58, 75, 146, 173 Gauges 64, 65, 173, 184, 195 Gross generation 178

Η

Heap Leach 28, 68, 70, 71 Hexafluoride 72, 74, 146, 172, 190 High-level radioactive waste 13, 75, 83, 85, 87, 165, 175, 195

I

Industrial 2, 4, 16, 26, 60, 64, 65, 102, 159, 170, 178, 180, 184, 189, 195

In situ leach 175

Inspection 3, 7, 9, 13, 24, 28, 34, 35, 36, 37, 42, 43, 45, 68, 90, 96, 98, 170, 178, 182, 186

International v, vii, xi, 5, 7, 11, 22, 24, 25, 26, 57, 58, 158, 175, 177, 183, 186, 191, 193

L

Licensing 3, 5, 7, 8, 9, 13, 22, 24, 25, 29, 30, 35, 40, 45, 46, 47, 49, 52, 56, 68, 72, 76, 87, 89, 90, 137, 163, 176, 193

Low-level radioactive waste 4, 5, 9, 12, 13, 80, 82, 152, 166

Μ

- Materials 1, 2, 3, 4, 5, 6, 7, 8, 9, 12, 13, 15, 22, 25, 43, 53, 54, 55, 57, 60, 61, 63, 64, 65, 66, 67, 68, 90, 92, 96, 99, 104, 106, 159, 167, 171, 175, 176, 178, 179, 180, 183, 185, 186, 189, 191, 194, 195
- Medical 2, 4, 13, 60, 63, 64, 67, 80, 102, 164, 170, 175, 176, 178, 180, 184, 186, 189, 195

Milling 59, 69, 177, 191, 194

Mission 2

Mixed oxide 8, 53, 74, 146, 172, 177

Ν

Nuclear Waste Policy Act 4, 87, 174

0

Operating reactors 18, 24, 34, 35, 53, 54, 112-127

Ρ

Pressurized-water reactor 7, 30, 32, 51, 111, 176, 183

Probabilistic risk assessment 53, 111, 158, 183, 187

Public participation 45, 47

R

Radiation exposure 2, 38, 174, 175

Radioactive waste 1, 4, 5, 9, 13, 25, 54, 75, 78, 80, 82, 83, 84, 85, 86, 129, 152, 165, 166, 167, 170, 175, 176, 180, 195

Radionuclide 54, 60, 64, 161, 186

Reactor Oversight Process 7, 36, 52, 186, 193

Rulemaking 3, 7, 8, 49, 87, 186, 192

Rules 4, 34, 42, 46, 82, 164, 169

S

- Safety 2, 4, 5, 6, 7, 8, 9, 13, 15, 22, 24, 25, 26, 32, 34, 35, 36, 37, 38, 40, 42, 43, 46, 47, 51, 53, 54, 57, 60, 67, 68, 72, 80, 87, 89, 90, 95, 99, 101, 102, 104, 105, 106,107, 139, 164, 167, 168, 169, 170, 171, 174, 175, 177, 181, 182, 186, 187, 188, 191
- Security 2, 5, 7, 8, 13, 24, 25, 29, 37, 45, 52, 53, 54, 55, 65, 69, 90, 94, 96, 97, 98, 99, 104, 109, 164, 165, 171, 187, 190, 196

Significant events 38, 139, 170

Spent fuel 22, 25, 78, 79, 80, 83, 84, 85, 86, 87, 88, 89, 90, 91, 129, 147, 148-151, 153, 168, 172, 175, 188, 189, 195

Statutory authority 4, 22, 192

U

Uranium 4, 5, 7, 13, 58, 59, 60, 68-76, 78, 84, 92, 93, 98, 146, 164, 168, 171-175, 177, 178, 180, 182, 185, 188-191, 193

W

Waste 2, 4, 5, 7, 8, 9, 11, 13, 15, 19, 22, 25, 29, 53, 54, 55, 68, 72, 74, 75, 76, 77, 78, 79, 80-92, 99, 129, 152, 164-167, 170, 172, 174-177, 180 189, 191, 195

Υ

Yellowcake 58, 68, 70, 70, 172, 190,191

Yucca Mountain 8, 89, 174