

Acronym List for U.S. NWTRB Siting Workshop (8/29/23) and Public Meeting (8/30/23)

AEC	Atomic Energy Commission
AMP	aging management program
ANL	Argonne National Laboratory
AR	advanced reactor
ARDP	Advanced Reactor Demonstration Program
ASTM	American Society of Testing and Materials
ATF	accident-tolerant fuels
BEMAR	Back-End Management of Advanced Reactors
Board	U.S. Nuclear Waste Technical Review Board (NWTRB)
BSL	Biosafety Level
BU	burnup
BWR	boiling water reactor
cc	cubic centimeter
CIRFT	Cyclic Integrated-Reversible Bending Fatigue Test
CISF	consolidated interim storage facility
Clab	central interim storage facility for spent nuclear fuel (Sweden)
CPs	carbide particles
CUI	controlled unclassified information
DAD	decide, announce, defend
DETEC	Federal Department of the Environment, Transport, Energy and Communications, Switzerland
DNFSB	Defense Nuclear Facilities Safety Board
DOE	U.S. Department of Energy
DOE-GC	DOE, Office of General Counsel
DOE-NE	DOE, Office of Nuclear Energy
DSNF	DOE-managed spent nuclear fuel
EBR-II	Experimental Breeder Reactor II
EDRAM	International Association for Environmentally Safe Disposal of Radioactive Materials
EJ	environmental justice
EOCs	Emergency Operations Centers
EOL	end-of-life
ENSA	Equipos Nucleares S.A.
ENSI	Eidgenössisches Nuklearsicherheitsinspektorat (Federal Nuclear Safety Inspectorate, Switzerland)
EPA	U.S. Environmental Protection Agency
EPRI	Electric Power Research Institute
ESCP	Extended Storage Collaboration Program
F	France
FEPs	features, events, and processes
FOA	funding opportunity announcement

FY	fiscal year
GC	General Counsel
GIS	geographic information system
GWd/MTU	gigawatt-days per metric ton of uranium
HALEU	high-assay low-enriched uranium
HBHE	high burnup/high enrichment
HBU	high burnup
HLW	high-level radioactive waste
HM	heavy metal
IAEA	International Atomic Energy Agency
IFBA	integral fuel burnable absorber
INL	Idaho National Laboratory
IPT	integrated project team
IPyC	inner pyrolytic carbon
ISF	interim storage facility
ISFSI	independent spent fuel storage installation
IWM	integrated waste management
KBS	kärnbränslesäkerhet (Nuclear Fuel Safety, Sweden)
KNS	Eidgenössische Kommission für nukleare Sicherheit (Federal Nuclear Safety Commission, Switzerland)
L/ILW	low- intermediate-level radioactive waste
LITE	Land-area, Identification, Tagging, and Exploration
LVDT	linear variable differential transformer
LWR	light water reactor
MET	metallurgical testing
MMTT	Multi-Modal Transportation Test
MRS	monitored retrievable storage
MSI	minority-serving institution
MW	megawatt
MW _e	megawatt, electric
Nagra	Nationale Genossenschaft für die Lagerung radioaktiver Abfälle (National Cooperative for the Disposal of Radioactive Waste, Switzerland)
NDA	non-disclosure agreement
NDE	non-destructive examinations
NE	nuclear energy
NEA	Nuclear Energy Agency
NGO	non-governmental organization
NGSAM	Next Generation Systems Analysis Model
NPP	nuclear power plant
NRC	U.S. Nuclear Regulatory Commission
NWPA	Nuclear Waste Policy Act
NWPAA	Nuclear Waste Policy Act Amendments Act of 1987
NWTRB	U. S. Nuclear Waste Technical Review Board

OCRWM	Office of Civilian Radioactive Waste Management
ORNL	Oak Ridge National Laboratory
Pa	pascal
PCT	peak cladding temperature
PNNL	Pacific Northwest National Laboratory
PWR	pressurized water reactor
PyC	pyrolytic carbon
RCRA	Resource Conservation and Recovery Act
RD&D	research, development, and demonstration
R&D	research and development
RCT	ring compression test
RHT	radial hydride treatment
RIP	rod internal pressure
SCUREF	South Carolina Universities Research and Education Foundation
SEK	Swedish Krona
SERI	Social and Environmental Research Institute
SF	spent fuel
SFOE	Swiss Federal Office of Energy
SFR	Slutförvar för radioaktivt driftavfall (Final Repository For Short-Lived Radioactive Waste, Sweden)
SFWST	DOE-NE, Office of Spent Fuel & Waste Science and Technology
SKB	Svensk Kärnbränslehantering AB (Swedish Nuclear Fuel and Waste Management Company)
SLO	Social license to operate
SMS	short message service
SNF	spent nuclear fuel
SNL	Sandia National Laboratories
SÖW	sozioökonomisch-ökologische Wirkungsstudie (Socio-economic-ecologic impact studies, Switzerland)
SSC	structures, systems, and components
START	Stakeholder Tool for Assessing Radioactive Transportation
TBD	to be determined
TEM	transmission electron microscope
TEPP	Transportation Emergency Preparedness Program
TRISO	TRi-structural ISOtropic
TRU	trans-uranic
UCO	uranium oxycarbide
URF	underground research facility
URL	underground research laboratory
UVEK	Eidgenössisches Departement für Umwelt, Verkehr, Energie und Kommunikation (Federal Department of the Environment, Transport, Energy and Communications (DETEC), Switzerland)

WCDC
WIPP

Wayne County Development Corporation
Waste Isolation Pilot Plant