

Abbreviations

ADAMS – Agencywide Documents Access and Management System
AF – As Fabricated
ANL – Argonne National Laboratory
AR – As Received
ASTM – American Society for Testing and Materials
AVG – Average
BWR – Boiling Water Reactor
BWROG – Boiling Water Reactor Owner Group
C – Centigrade (degree)
CFR – Code of Federal Regulations
COLR – Core Operating Limits Report
CP-ECR – Cathcart-Pawel – Equivalent Cladding Reacted
DBA – Design Basis Accident
DBT – Ductile Brittle Transition
DG – Draft Regulatory Guide
ECCS – Emergency Core Cooling System
ECR – Equivalent Cladding Reacted
EFPD – Effective Full Power Days
EOL – End of Life
EPRI – Electric Power Research Institute
FR – Federal Register
FRN – Federal Register Notice
GDC – General Design Criterion
GNF – Global Nuclear Fuel
GSI – Generic Safety Issue
[H] – Hydrogen
HBR – H. B. Robinson (nuclear plant)
HF – Hydrofluoric Acid
HPU(F) – Hydrogen pickup (fraction)
LAR – License Amendment Request
LTC – Long-Term Cooling
LOCA – Loss of Coolant Accident
LWR – Light Water Reactor
M5 – brand name zirconium alloy
NEI – Nuclear Energy Institute
NRC – United States Nuclear Regulatory Commission
ORNL – Oak Ridge National Laboratory

PCT – Peak Cladding Temperature
PH – Pre Hydrided
PNNL – Pacific Northwest National Laboratory
ppm – parts per million
PQD – Post Quench Ductility
PRA – Probabilistic Risk Assessment
PRM – Petition for Rulemaking
PWR – Pressurized Water Reactor
QA – Quality Assurance
RCT – Ring Compression Test
RG – Regulatory Guide
RIL – Research Information Letter
RIN – Regulation Identifier Number
SBLOCA – Small Break Loss of Coolant Accident
SRLR Supplemental Reload Licensing Report
TC or T/C – thermocouple
TGA Thermogravimetric Analysis
TR – Topical Report
TS – Technical Specification
UFSAR – Updated Final Safety Analysis Report
VHE – Vacuum Hot Extraction
wppm - weight part per million
WRFP – Water Reactor Fuel Performance
Zr or Zry-4 - zircaloy (zirconium alloy)