

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)