

# **Review and Analysis of the Davis-Besse March 2002 Reactor Pressure Vessel Head Wastage Event**

Prepared for

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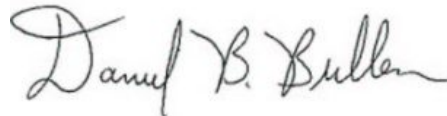
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## **Glossary of Terms and Abbreviations**

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ANO-1	Arkansas Nuclear One
AIT	Augmented Inspection Team (NRC)
ANL	Argonne National Laboratory
ANSI	American National Standards Institute
ASME	American Society of Mechanical Engineers
B&W	Babcock & Wilcox
BA	Boric Acid
BAC	Boric Acid Corrosion
BACC	Boric Acid Corrosion Control
BNL	Brookhaven National Laboratory
BWOG	B & W Owners Group
CAC	Containment Air Cooler
CAL	Confirmatory Action Letter
CE	Combustion Engineering
CEOG	CE Owners Group
CFD	Computational Fluid Dynamics
CGR	Crack Growth Rate
CNRB	Company Nuclear Review Board
CR	Condition Report
CRDM	Control Rod Drive Mechanism
CTMT	Reactor Containment
DB	Davis-Besse
DEI	Dominion Engineering Incorporated
ECT	Eddy Current Testing

EdF	Electricité de France
EFPY	Effective Full Power Years
EFPH	Effective Full Power Hours
EPRI	Electric Power Research Institute
FEA	Finite Element Analysis
FENOC	First Energy Nuclear Operating Corporation
FMEA	Failure Mode and Effects Analysis
GAO	US Congress General Accounting Office
GL	Generic Letter (NRC)
gpm	Gallons Per Minute
HVAC	Heating, Ventilation, and Air Conditioning
ID	Inner Diameter
IGA	Inner Granular Attack
ILRT	Integrated Leak Rate Test
IN	Information Notice (NRC)
INPO	Institute for Nuclear Power Operations
ISI	Inservice Inspection
ksi	Kilopounds per Square Inch
LER	Licensee Event Report
LLTF	Lessons Learned Task Force (NRC)
LOCA	Loss of Coolant Accident
MRP	Materials Reliability Program (EPRI)
MWe	Megawatts Electric
NDE	Non-Destructive Examination
NEI	Nuclear Energy Institute



NEIL	Nuclear Electric Insurance Limited
NRC	US Nuclear Regulatory Commission
NRR	Nuclear Reactor Regulation
NSSS	Nuclear Steam Supply System
NUMARC	Nuclear Management and Resource Council
OD	Outer Diameter
PCAQ	Potential Condition Adverse to Quality
psi	Pounds per Square Inch
PT	Dye Penetrant Testing
PWR	Pressurized Water Reactor
PWSCC	Primary Water Stress Corrosion Cracking
QA	Quality Assurance
QC	Quality Control
RAI	Request for Additional Information
RB	Reactor Building
RCPB	Reactor Coolant Pressure Boundary
RCS	Reactor Coolant System
RFO	Refueling Outage
RPV	Reactor Pressure Vessel
SCC	Stress Corrosion Cracking
SIA	Structural Integrity Associates
SWRI	Southwest Research Institute
TECO	Toledo Edison Company
TVA	Tennessee Valley Authority
UT	Ultrasonic Testing

VHP            Very High Pressure  
WOG           Westinghouse Owners Group