

## Abbreviations/Acronyms

°	degree
μ	micro
μCi	microcurie(s)
μCi/mL	microcurie(s) per milliliter
μGy	microgray(s)
μm	micrometer(s)
μSv	microsievert(s)
A/C	air conditioner
ac	acre(s) or alternating current
ACC	averted cleanup and decontamination cost
ADAMS	Agencywide Documents Access and Management System
AEA	Atomic Energy Act of 1954
AEC	U.S. Atomic Energy Commission
AOC	averted offsite property damage costs
AOE	averted occupational exposure
AOSC	averted onsite costs
APE	averted public exposure
AQCR	air quality control region
ATWS	anticipated transient without scram
Bq	becquerel(s)
Bq/mL	becquerel(s) per milliliter
Btu	British thermal unit(s)
Btu/ft <sup>3</sup>	British thermal unit(s) per cubic foot
Btu/kWh	British thermal unit(s) per kilowatt hour
C	Celsius
CAA	Clean Air Act
CARP	chemical and radiation protection
CDF	core damage frequency
CE	Combustion Engineering
CEOG	Combustion Engineering Owners Group
CEQ	Council on Environmental Quality
CFR	Code of Federal Regulations
Ci	curie(s)
cm	centimeter(s)
cm/s	centimeter(s) per second
COE	cost of enhancement

## Abbreviations/Acronyms

CSU Colorado State University  
CWA Clean Water Act  
| CWCP current water control plan

DBA design-basis accident  
dc direct current  
DOE U.S. Department of Energy  
| DPR demonstration project reactor  
DSM demand-side management

ECCS emergency core cooling system  
EDG emergency diesel generator  
EIA Energy Information Administration (of DOE)  
EIS environmental impact statement  
ELF-EMF extremely low frequency-electromagnetic field  
EPA U.S. Environmental Protection Agency  
ER Environmental Report  
ESA Endangered Species Act  
ESRI Environmental Systems Research Institute

F Fahrenheit  
FES final environmental statement  
FIVE fire-induced vulnerability evaluation  
FPS fire-protection system  
FR *Federal Register*  
ft foot (feet)  
ft/s foot (feet) per second  
ft<sup>3</sup> cubic foot (feet)  
ft<sup>3</sup>/s cubic foot (feet) per second  
ft<sup>3</sup>/yr cubic foot (feet) per year  
F–V Fussel–Veseley  
FWS U.S. Fish and Wildlife Service

gal gallon(s)  
gal/s gallon(s) per second  
GEIS *Generic Environmental Impact Statement for License Renewal of Nuclear Plants*,  
NUREG-1437  
gpd gallon(s) per day  
gpm gallon(s) per minute  
Gy gray(s)

## Abbreviations/Acronyms

ha	hectare(s)
HEPA	high-efficiency particulate air (filter)
HIC	high-integrity container
HLW	high-level waste
hr	hour(s)
HRA	human reliability analysis
Hz	Hertz
IDNR	Iowa Department of Natural Resources
in.	inch(es)
IPE	individual plant examination
IPEEE	individual plant examination of external events
ISLOCA	interfacing systems loss-of-coolant accident
J	joule(s)
km	kilometer(s)
kV	kilovolt(s)
kW	kilowatt(s)
kWh	kilowatt hour(s)
kWh/m <sup>2</sup>	kilowatt hour(s) per square meter
L	liter(s)
L/d	liter(s) per day
L/min	liter(s) per minute
L/s	liter(s) per second
lb	pound(s)
lb/MWh	pound(s) per megawatt hour
LOCA	loss-of-coolant accident
LOCCW	loss-of-component cooling water
LOOP	loss of offsite power
LOS	level of service
m	meter(s)
m/s	meter(s) per second
m <sup>3</sup>	cubic meter(s)
m <sup>3</sup> /d	cubic meter(s) per day
m <sup>3</sup> /s	cubic meter(s) per second
m <sup>3</sup> /yr	cubic meter(s) per year
mA	milliampere(s)
MAB	maximum attainable benefit

## Abbreviations/Acronyms

MACCS2	MELCOR Accident Consequence Code System 2
MBq	megabecquerel(s)
MBq/L	megabecquerel(s) per liter
mGy	milligray(s)
mi	mile(s)
mL	milliliter(s)
mm	millimeter(s)
mph	mile(s) per hour
mrad	millirad(s)
mrem	millirem(s)
mrem/yr	millirem(s) per year
MSA	Metropolitan Statistical Area
mSv	millisievert(s)
mSv/yr	millisievert(s) per year
MT	metric ton(s) (or tonne[s])
MTHM	metric ton(s) (or tonne[s]) of heavy metal
MT/yr	metric ton(s) (or tonne[s]) per year
MTU	metric ton(s) (or tonne[s])-uranium
MW	megawatt(s)
MWd/MTU	megawatt-day(s) per metric ton (or tonne) of uranium
MW(e)	megawatt(s) electric
MWh	megawatt hour(s)
MW(t)	megawatt(s) thermal
NA	not applicable
NAC	Nebraska Administrative Code
NDEC	Nebraska Department of Environmental Control
NDEQ	Nebraska Department of Environmental Quality
NDNR	Nebraska Department of Natural Resources
NEPA	National Environmental Policy Act of 1969
NESC	National Electric Safety Code
ng	nanogram(s)
ng/J	nanogram(s) per joule
NGPC	Nebraska Game and Parks Commission
NHPA	National Historic Preservation Act
NIEHS	National Institute of Environmental Health Sciences
NO <sub>x</sub>	nitrogen oxide(s)
NPDES	National Pollutant Discharge Elimination System
NPPD	Nebraska Public Power District
NRC	U.S. Nuclear Regulatory Commission
NSHS	Nebraska State Historical Society

## Abbreviations/Acronyms

ODCM	<i>Offsite Dose Calculation Manual</i>
OL	operating license
OPPD	Omaha Public Power District
PBq	petabecquerel(s)
pCi	picocurie(s)
pCi/L	picocurie(s) per liter
PDS	plant damage state
PM <sub>10</sub>	particulate matter, 10 micrometers or less in diameter
PORV	power-operated relief valve
PRA	probabilistic risk assessment
psig	pounds per square inch above atmospheric pressure
PWR	pressurized-water reactor
RAI	request for additional information
RAS	recirculation actuation signal
RAW	risk achievement worth
RCP	reactor coolant pump
RCS	reactor coolant system
rem	special unit of dose equivalent, equal to 0.01 sievert
REMP	radiological environmental monitoring program
RIMS	Regional Input-Output Modeling System
rkm	river kilometer
rmi	river mile
RPC	replacement-power cost
RRW	risk-reduction worth
RWPB	radioactive-waste-processing building
s	second(s)
SAMA	severe accident mitigation alternative
SAR	safety analysis report
SBO	station blackout
SEIS	supplemental environmental impact statement
SER	safety evaluation report
SG	steam generator
SGTR	steam-generator tube rupture
SHPO	State Historic Preservation Office
SIRWT	safety injection refueling water storage tank
SO <sub>2</sub>	sulfur dioxide
SO <sub>x</sub>	sulfur oxide(s)
Sv	sievert(s), special unit of dose equivalent

## Abbreviations/Acronyms

TBq            terabecquerel(s)  
TLD            thermoluminescent dosimeter

UFSAR        updated final safety analysis report  
U.S.            United States  
USACE        U.S. Army Corps of Engineers  
USBC         U.S. Bureau of the Census  
USC            United States Code  
USDA         U.S. Department of Agriculture  
| USGS        U.S. Geological Survey

V              volt(s)

yr             year(s)