APPENDIX C
GLOSSARY

ACI. American Concrete Institute

AISC. American Institute of Steel Constructions

ALARA. as low as is reasonably achievable (radiation exposure)

ALI. annual limit on intake

ANS. American Nuclear Society

ANSI. American National Standards Institute

API. American Petroleum Institute

ASCE. American Society of Civil Engineers

ASME. American Society of Mechanical Engineers

ASTM. American Society for Testing and Materials

AWS. American Welding Society

B&PV. Boiler and Pressure Vessel (ASME Code)

BWR. boiling-water reactor

°C. degrees Celsius

CAM. continuous air monitor

Cask. Dry storage system

CERCLA. Comprehensive Environmental Response, Compensation and Liability Act (includes "Superfund")

CFR. *U.S. Code of Federal Regulations*, organized by titles (e.g., Title 10, "Energy"), chapters (e.g., Chapter 1, "U.S. Nuclear Regulatory Commission"), parts (e.g., Part 72, "Licensing Requirements for the Independent Storage of Spent Nuclear Fuel and High-Level Radioactive Waste,"), subparts (e.g., Subpart G, "Quality Assurance"), and sections (e.g., §72.230).

Ci. Curie

CSRP. Cask Standard Review Plan (NUREG-1536)

CWA. Clean Water Act

D&D. decontamination and decommissioning

DBE design-basis earthquake *[or "DE"]* for an ISFSI or MRS (equivalent to a "safe shutdown earthquake" for a reactor facility)

DCSS. dry cask storage system

EA. environmental assessment

EIS. environmental impact statement

ER. environmental report

°*F.* degrees Fahrenheit

FONSI. Finding of no significant impact

g. gravitational unit (1 g = the force vertically exerted on the mass by gravity)

HTGR. high-temperature gas-cooled reactor

HVAC. heating, ventilation, air conditioning

I&C Instrumentation and Control

ICRP. International Commission on Radiological Protection

ISFSI. independent spent fuel storage installation, which may be operated by public or private utilities, commercial entities, or governmental agencies (including the U.S. Department of Energy, DOE).

$k_{eff.}$ "k" effective. The ration of the total number of neutrons produced during a time interval (excluding neutrons produced by sources whose strengths are not a function of fission rate) to the total number of neutrons lost by absorption and leakage during the same interval.

kgf. kilogram-force

LWR. light-water reactor

MRS. monitored retrievable storage facility, defined as "a complex designed, constructed, and operated by the U.S. Department of Energy for the receipt, transfer, handling, packaging, possession, safeguarding, and storage of spent nuclear fuel aged for at least 1 year, and solidified high-level radioactive waste resulting from civilian nuclear activities, pending shipment to a high-level waste repository or other disposal." [Note: DOE may also operate an ISFSI]

MSL. mean sea level

MT. magnetic particle test

N-stamp/ symbol. ASME Code N-symbol (need not be applied to ISFSI or MRS components).

NA. not applicable

NCRP. National Council on Radiation Protection

NDT. nil ductility temperature

NEPA. National Environmental Policy Act

NMSS. NRC Office of Nuclear Material Safety and Safeguards

NR. not required

NRC. U.S. Nuclear Regulatory Commission

NTIS. National Technical Information Service (5285 Port Royal Road, Springfield, VA 22161), the source for NRC and other government and government-sponsored documents (including NUREG and NUREG/CR reports, Regulatory Guides, and Standard Review Plans)

NWPA.	Nuclear Waste Policy Act
ORNL	Oak Ridge National Laboratory
OSHA.	Occupational Safety and Health Administration
PT.	dye penetrant test
PWR.	pressurized-water reactor
PNNL.	Pacific Northwest National Laboratory
RAD.	unit of radiation absorbed dose
RC.	reinforced concrete
RCRA.	Resource Conservation and Recovery Act
RG.	regulatory guide (NRC)
RT.	radiographic test
Rule.	Unless used generically, a requirement stated in the *U.S. Code of Federal Regulations*.
SAR.	safety analysis report [See the related definition]
SER.	safety evaluation report [See the related definition]
SFPO.	Spent Fuel Project Office (NRC NMSS)
SNM.	special nuclear material(s)
SRP.	standard review plan
SSC.	structure, system, and/or components
SSE.	safe shutdown earthquake [derived per Appendix A to 10 CFR 100] (Used for reactor facilities; equivalent to a "Design-Basis Earthquake" or "DBE" for an ISFSI or MRS.)
std cc/s	standard cubic centimeter per second
UBC.	Uniform Building Code, published by the International Conference of Building Officials
USQ.	unreviewed safety question [used as defined by 10 CFR 72.48 for the purposes of the FSRP].
UT.	ultrasonic test
VT.	visual test
WPS.	welding procedure specification