

Appendix A – Abbreviations and Acronyms

ALARA	As-Low-As-Reasonably-Achievable
amp	Ampere
AQCR	(Hampton Roads Intrastate) Air Quality Control Region
ARC	Applied Research Center (City of Newport News)
BMP	Best Management Practice
°C	(degrees) Celsius
CAMD	Center for Advanced Microstructures and Devices
CBPA	Chesapeake Bay Preservation Area
CBPADMR	Chesapeake Bay Preservation Area Designation and Management Regulations
CEBAF	Continuous Electron Beam Accelerator Facility
CEQ	Council on Environmental Quality
CFR	Code of Federal Regulations
CHL	Central Helium Liquefier
cm	Centimeter
CZMA	Coastal Zone Management Act
DEQ	(Commonwealth of Virginia) Department of Environmental Quality
DOE	Department of Energy
EA	Environmental Assessment
EH&S	Environment, Health, and Safety
EIS	Environmental Impact Statement
E&SC	Erosion and Sediment Control
EPA	Environmental Protection Agency
EPP	Environmentally Preferable Purchasing
ESR	End Station Refrigerator
°F	(degrees) Fahrenheit
FEL	Free Electron Laser
FONSI	Finding of No Significant Impact
FSAD	Final Safety Assessment Document
FY	Fiscal Year (1 October to 30 September)
GeV	Giga (billion) electron volt
Helios	High-energy lithography source
HRPDC	Hampton Roads Planning District Commission
HRSD	Hampton Roads Sanitation District
in	Inch
Jefferson Lab	Thomas Jefferson National Accelerator Facility
km	Kilometer
KVA	Kilovolt Amp

kW	Kilowatt
IR	Infrared
LINAC	Linear Accelerator
MeV	Million electron volts
ml	Milliliter
MW	Megawatt
mrem	Millirem
MSL	Mean Sea Level
MVA	Megavolt Amp
NAAQS	National Ambient Air Quality Standards
NASA	National Aeronautics and Space Administration
NCRP	National Commission on Radiation Protection and Measurement
NEPA	National Environmental Policy Act
OSHA	Occupational Safety and Health Administration
pCi	Picocuries
P2	Pollution Prevention
RF	Radio frequency
RMA	Resource Management Area
RPA	Resource Protection Area
SPCC	Spill Prevention, Control, and Countermeasure (Plan)
sq. ft.	Square Feet
SR	Storage Ring
SURA	Southeastern Universities Research Association, Inc.
SWP2	Stormwater Pollution Prevention (Plan)
TJNAF	Thomas Jefferson National Accelerator Lab (Jefferson Lab or JLab)
TGB	Technology Growth Building
UV	Ultraviolet
VADGIF	Commonwealth of Virginia Department of Game and Inland Fisheries
VADHR	Commonwealth of Virginia Department of Historic Resources
VADCRDNH	Commonwealth of Virginia Department of Conservation and Recreation, Division of Natural Heritage
VCP	Virginia's Coastal Resources Management Program
VPA	Virginia Pollution Abatement Permit
VOC	Volatile Organic Compound
VPDES	Virginia Pollutant Discharge Elimination System

