

License Application
Boundary Hydroelectric Project (FERC No. 2144)

Seattle City Light

September 2009

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List of Abbreviations and Acronyms

ADA	Americans with Disabilities Act
ADAS	automated data acquisition system
AF	acre-feet
AGC	Automatic Generation Control
AHTSP	Advanced Hydro Turbine System Program
AISCPP	Aquatic Invasive Species Control and Prevention Plan
aMW	average megawatt
APE	area of potential effect
BA	Biological Assessment
BIA	Bureau of Indian Affairs
BLM	Bureau of Land Management
BMI	benthic macroinvertebrates
BMP	Best Management Practices
BPA	Bonneville Power Administration
BWP	Boundary Wildlife Preserve
CART	combined acoustic and radio tags
CEII	Critical Energy Infrastructure Information
CFR	Code of Federal Regulations
cfs	cubic feet per second
CIP	capital improvement project
CNF	Colville National Forest
CRWG	Cultural Resources Workgroup
CWA	Clean Water Act
CWCS	Comprehensive Wildlife Conservation Strategies
CZMA	Coastal Zone Management Act
DFDS	Dam Failure Detection System
DO	dissolved oxygen
DOE	determination of eligibility
DPS	Distinct Population Segment
DVDS	Daily Visual Dam Safety
EA	Environmental Assessment
EAP	Emergency Action Plan
Ecology	Washington Department of Ecology
EID	Early Information Development
EPA	U.S. Environmental Protection Agency
EPRI	Electric Power Research Institute

EPUI	environmental and public use
ESA	Endangered Species Act
ESI	Effective Spawning Index
FAMP	Fish and Aquatics Management Plan
FAWG	Fish and Aquatics Workgroup
FERC	Federal Energy Regulatory Commission
FPA	Federal Power Act
FPC	Federal Power Commission
fpm	feet per minute
fps	feet per second
FR	Forest Road
GIS	geographic information system
gpm	gallons per minute
HABS	Historic American Buildings Survey
HAER	Historic American Engineering Record
HEC-RAS	Hydrologic Engineering Centers River Analysis System
hp	horsepower
HPMP	Historic Properties Management Plan
HQR	habitat quality rating
HRM	hydraulic routing model
HSC	habitat suitability curves
HSI	habitat suitability index
IDC	interest during construction
ILP	Integrated Licensing Process
I&E	Information and Education
INFISH	Inland Native Fish Strategy
IRA	Integrated Resource Analysis
ISR	Initial Study Report
IT	information technology
IWMP	Integrated Weed Management Plan
KDNR	Kalispel Tribe Department of Natural Resources
KOP	Key Observation Point
kW	kilowatt
LAETs	Lowest Apparent Effects Threshold
LAU	Lynx Analysis Units
LMZ	Lynx Management Zone
LWD	Large woody debris

m	meter
MAF	million acre feet
Mg/kg	milligrams per kilogram
mg/L	milligrams per liter
MHz	megahertz
mm	millimeter
MW	megawatt
MWh	megawatt hour
NAVD 88	North American Vertical Datum of 1988
NBT	neutrally-buoyant targets
NEPA	National Environmental Policy Act
NERC	North American Electric Reliability Council
NFS	National Forest System
NGO	non-governmental organization
NGVD 29	National Geodetic Vertical Datum of 1929
NHP	Natural Heritage Program
NHPA	National Historic Preservation Act
NMWSE	normal maximum water surface elevation
NOI	Notice of Intent
NPDES	National Pollutant Discharge Elimination System
NPS	National Park Service
NRCS	Natural Resources Conservation Service
NRHP	National Register of Historic Places
NWPPC	Northwest Power and Conservation Council
NWU	Northeast Washington Unit
O&M	operations and maintenance
OCRM	Office of Ocean and Coastal Resource Management
ORV	off-road vehicle
OSHA	Occupational Health and Safety Administration
PAD	Pre-Application Document
PCBs	polychlorinated biphenyls
PFMA	Potential Failure Mode Analysis
PLP	Preliminary Licensing Proposal
PM&E	protection, mitigation and enhancement
PMF	probable maximum flood
PNCA	Pacific Northwest Coordination Agreement
POMMC	Pend Oreille Mines and Metals Company

PRM	Project river mile
PSP	Proposed Study Plan
PUD	Public Utility District
RCO	Washington State Recreation and Conservation Office
RCW	Revised Code of Washington
RD	recreation days
REA	Ready for Environmental Analysis
RM	river mile
RNA	Recreation Needs Analysis
ROS	Recreation Opportunity Spectrum
ROW	right-of-way
RP	Relicensing participant
rpm	rotations per minute
RRMP	Recreation Resources Management Plan
RSP	Revised Study Plan
RTE	rare, Threatened, and Endangered
SAP	Sampling and Analysis Plan
SCA	Selkirk Conservation Alliance
SCADA-EMS	Supervisory Control and Data Acquisition-Emergency Management System
SCC	System Control Center
SCL	Seattle City Light
SCORP	Washington State Comprehensive Outdoor Recreation Plan
SD1	Scoping Document 1
SD2	Scoping Document 2
SHPO	Washington State Historic Preservation Officer
SMA	strong motion accelerometer
SPCC	Oil Spill Prevention, Control and Countermeasure
SRP	soluble reactive phosphorous
ST	Scenario Tool
STI	Supporting Technical Information (report)
TCP	traditional cultural property
TDG	total dissolved gas
TES	Threatened and Endangered species
TKN	total Kjeldahl nitrogen
TMDL	total maximum daily load
TP	total phosphorus
TRMP	Terrestrial Resources Management Plan

TRWG	Terrestrial Resources Workgroup
USACE	U.S. Army Corps of Engineers
USDA	U.S. Department of Agriculture
USFS	U.S. Forest Service
USFWS	U.S. Fish and Wildlife Service
USGS	U.S. Geological Survey
USR	Updated Study Report
WAC	Washington Administrative Code
WCWCS	Washington Comprehensive Wildlife Conservation Strategy
WDAHP	Washington Department of Archaeology and Historic Preservation
WDFW	Washington Department of Fish and Wildlife
WDG	Washington Department of Game
WECC	Western Electricity Coordinating Council
WNHP	Washington Natural Heritage Program
WPRC	Washington Parks and Recreation Commission
WRIA	watershed resource inventory area
WSDOT	Washington Department of Transportation
WUA	weighted usable area
7-DADMax	seven-day average of the daily maximum temperature
7Q10	seven-day, ten-year high river flow
µg/L	micrograms per liter
µS/cm	microsiemens per centimeter

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