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LNG Clean Energy Project
Final Environmental Impact Statement

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ACRONYMS AND ABBREVIATIONS

°F	degrees Fahrenheit
ABSG	ABSG Consulting, Inc.
ACHP	Advisory Council on Historic Preservation
AMSC	Area Maritime Security Committee
AMSL	above mean sea level
APE	area of potential effect
API	American Petroleum Institute
AQCRs	Air quality control regions
ASME	American Society of Mechanical Engineers
BART	Best Available Retrofit Technology
Bayou Casotte Energy	Bayou Casotte Energy, LLC
BCDMMS	Bayou Casotte Dredged Material Management Site
Bcfd	billion cubic feet per day
BMPs	best management practices
Btu	British thermal units
Btu/ft^2-hr	British thermal units per square foot per hour
CAA	Clean Air Act
CAAA	Clean Air Act Amendments
CEII	critical energy infrastructure information
CEQ	Council on Environmental Quality
Certificate	Certificate of Public Convenience and Necessity
CFR	Code of Federal Regulations
Chevron	Chevron U.S.A., Inc.
CMMS	computerized maintenance management system
CMP	Coastal Management Program
CNEB	Canadian National Energy Board
CO	carbon monoxide
CO_2	carbon dioxide
Coast Guard	U.S. Coast Guard
COCs	contaminants of concern
COE	U.S. Army Corps of Engineers
COE Master Plan	Long-Term Comprehensive Master Plan for Beneficial Uses of Dredged Material along Coastal Mississippi
COI	Certificate of Inspection
COTP	Captain of the Port
Cove Point	Cove Point LNG, L.P.
CWA	Clean Water Act
CZMA	Coastal Zone Management Act of 1972
dBA	decibels on the A-weighted scale
DCS	distributed control system
Destin	Destin Pipeline Company, LLC
Distrigas	Distrigas of Massachusetts
DMMP	Dredged Material Management Plan for the Bayou Casotte Channel and Inner Harbor
DOD	U.S. Department of Defense
DOE	U.S. Department of Energy
DOT	U.S. Department of Transportation
EEZ	U.S. Exclusive Economic Zone
EFH	Essential Fish Habitat
EGS	Emergency Group Sites

EI	environmental inspector
EIA	Energy Information Administration
EIS	Environmental Impact Statement
EPA	U.S. Environmental Protection Agency
EPAct	Energy Policy Act of 2005
ERL	effects range-low
ESA	Endangered Species Act of 1973
ESD	Emergency Shutdown
Excelerate	Excelerate Energy, L.L.C.
FEMA	Federal Emergency Management Agency
FERC or Commission	Federal Energy Regulatory Commission
FLAG	Federal Land Manager's Air Quality Related Workgroup
FMSC	Federal Maritime Security Coordinators
FPC	Federal Power Commission
FSO	Facility Security Officer
FSRU	floating, storage, and regasification unit
Fugro	Fugro Consultants, LP
FWS	U.S. Department of the Interior, Fish and Wildlife Service
g	acceleration due to gravity
GBS	gravity-based structure
GIWW	Gulf Intracoastal Waterway
GMFMC	Gulf of Mexico Fishery Management Council
gpm	gallons per minute
GSMFC	Gulf States Marine Fisheries Commission
Gulf LNG	Gulf LNG Energy, LLC and Gulf LNG Pipeline, LLC
Gulfstream	Gulfstream Natural Gas System, LLC
HAP	hazardous air pollutant
HAZOP	hazard and operability
HCAs	high consequence areas
HDD	horizontal directional drill
HGM	hydrogeomorphic
hp	horsepower
IMO	International Maritime Organization
INGAA	Interstate Natural Gas Association of America
JCPA	Jackson County Port Authority
kPa	kilopascal
L_{dn}	day-night sound level
$L_{eq(24)}$	the level of steady sound with the same total (equivalent) energy as the time-varying sound of interest, averaged over a 24-hour period
LFL	lower flammability limit
LNG	liquefied natural gas
LOI	Letter of Intent
LOR	Letter of Recommendation
LPG	liquid petroleum gas
m^2	square meter
m^3	cubic meter
MARAD	U.S. Maritime Administration
MARSEC	Maritime Security
MDEQ	Mississippi Department of Environmental Quality
MDMR	Mississippi Department of Marine Resources

MDOT	Mississippi Department of Transportation
Memorandum	Memorandum of Understanding on Natural Gas Transportation Facilities
mg/L	milligrams per liter
mgd	million gallons per day
MLLW	mean lower low water
mm	millimeter
MMBtu/hr	million British thermal units per hour
MMcfd	million cubic feet per day
MMS	Minerals Management Service
MNHP	Mississippi Natural Heritage Program
MOC	management of change
MP	milepost
MPC	Mississippi Power Company
mph	miles per hour
MPRSA	Marine Protection, Research and Sanctuaries Act of 1972, as amended
MSA	Magnuson-Stevens Fishery Conservation and Management Act
NAAQS	National Ambient Air Quality Standards
NEPA	National Environmental Policy Act of 1969
NESHAP	National Emissions Standards for Hazardous Air Pollutants
NFPA	National Fire Protection Association
NGA	Natural Gas Act
NHPA	National Historic Preservation Act
NMFS	U.S. Department of Commerce, National Oceanic and Atmospheric Administration, National Marine Fisheries Service
NO_2	nitrogen dioxide
NO_x	nitrogen oxides
NOAA	U.S. Department of Commerce, National Oceanic and Atmospheric Administration
NPC	National Petroleum Council
NPDES	National Pollutant Discharge Elimination System
NRCS	U.S. Department of Agriculture, Natural Resources Conservation Service
NRHP	National Register of Historic Places
NSA	noise-sensitive area
NSPS	New Source Performance Standards
NSR	New Source Review
NTU	nephelometric turbidity unit
NVIC 05-05	*Navigation and Vessel Inspection Circular - Guidance on Assessing the Suitability of a Waterway for Liquefied Natural Gas (LNG) Marine Traffic*
NWI	National Wetlands Inventory
NWR	National Wildlife Refuge
O_3	ozone
OCORM	Office of Coast and Ocean Resource Management
ODMDS	Ocean Dredged Material Disposal Site
OEP	Office of Energy Projects
OPS	Office of Pipeline Safety
PAHs	polycyclic aromatic hydrocarbons
Pascagoula Pilots	Pascagoula Bar Pilots Association
PCBs	polychlorinated biphenyls
PCEs	Primary Constituent Elements

PEL	probable effects level
PHMSA	Pipeline and Hazardous Materials Safety Administration
Plan	*Upland Erosion Control, Revegetation and Maintenance Plan*
$PM_{2.5}$	particulate matter with an aerodynamic diameter less than or equal to 2.5 microns
PM_{10}	particulate matter with an aerodynamic diameter less than or equal to 10 microns
ppm	parts per million
ppt	parts per thousand
Procedures	*Wetland and Waterbody Construction and Mitigation Procedures*
PSD	Prevention of Significant Deterioration
psig	pounds per square inch gauge
PWS	public water system
Quest	Quest Consultants, Inc.
re: 1 μPa	reference pressure of 1 micropascal
RM	Richter Magnitude scale
RMP	risk management plan
RPT	rapid phase transition
Sandia Report	*Guidance on Risk Analysis and Safety Implications of a Large Liquefied Natural Gas (LNG) Spill Over Water*
SAP	Sampling and Analysis Plan
SCV	submerged combustion vaporizer
Secretary	Secretary of the Commission
SHPO	Mississippi State Historic Preservation Office
SIGTTO	Society of International Gas Tanker and Terminal Operators
SIL	Significant Impact Level
SIS	Safety Instrumented System
SLOSH Model	Sea, Lake and Overland Surges and Hurricanes Model
SMA	Special Management Area
SO_2	sulfur dioxide
SO_x	sulfur oxides
SOLAS	International Convention for the Safety of Life at Sea
SOPEP	Shipboard Oil Pollution Emergency Plan
Southern	Southern LNG, Inc.
SPCC Plan	Spill Prevention, Containment, and Countermeasure Plan
SSURGO	Soil Survey Geographic
Strike Avoidance Procedures	*Vessel Strike Avoidance Measures and Injured or Dead Protected Species Reporting Procedures (revised May 5, 2006)*
STV	shell and tube vaporization
SWPPP	Stormwater Pollution Prevention Plan
Tcf	trillion cubic feet
TNT	trinitrotoluene
tpy	tons per year
Trunkline	Trunkline LNG Company, LLC
TSS	total suspended solids
USC	United States Code
USDA	U.S. Department of Agriculture
USGS	U.S. Geological Survey
UV/IR	ultra-violet/infrared
VOC	volatile organic compounds

VOL	volatile organic liquids
VSO	vessel security officer
WSA	Waterway Suitability Assessment
WSR	Waterway Suitability Report
yd^3	cubic yards