

EXHIBIT 15

***Phase 1 Final Design Report
Hudson River PCBs Superfund Site***

***Remedial Action
Community Health and Safety Plan***



**General Electric Company
Albany, New York**

March 21, 2006

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LIST OF ABBREVIATIONS AND ACRONYMS

µg/L	micrograms per liter
µg/m ³	micrograms per cubic meter
BBL	Blasland, Bouck & Lee, Inc.
CD	Consent Decree
CENP	Community Education and Notification Program
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act
CFR	Code of Federal Regulations
CHASP	Community Health and Safety Plan
CHST	Construction Health and Safety Technician
CIH	Certified Industrial Hygienist
CMP	complaint management program
CO	Carbon Monoxide
CPR	cardiopulmonary resuscitation
CSP	certified safety professional
CWA	Clean Water Act
cy	cubic yards
dB	Decibels
dBA	A-weighted decibels
DO	dissolved oxygen
EGIA	East Griffin Island Area
EHS	environmental health and safety
EMP	<i>Environmental Monitoring Plan</i>
EMR	experience modification rate
EPA	(United States) Environmental Protection Agency
EPS	Engineering Performance Standards
FDR	<i>Final Design Report</i>
g/d	grams per day
GE	General Electric Company
H ₂ S	hydrogen sulfide
HASP	Health and Safety Plan
HAZWOPER	40-hour Hazardous Waste Operations
IDR	<i>Intermediate Design Report</i>

LIST OF ABBREVIATIONS AND ACRONYMS - CONTINUED

JSA	job safety analysis
kg/year	kilograms per year
MGD	Million gallons per day
mg/L	milligram per liter
MPA	mass per unit area
MSDS	material safety data sheet
NAAQS	National Ambient Air Quality Standards
NFPA	National Fire Prevention Association
ng/L	nanogram per liter
NTIP	Northern Thompson Island Pool
NYCRR	Official Compilation of NY State Codes, Rules and Regulations
NYSCC	New York State Canal Corporation
NYSDEC	New York State Department of Environmental Conservation
NYSDOH	New York State Department of Health
NYSDOT	New York State Department of Transportation
O ₃	ozone
OPA	Oil Pollution Act
OSHA	Occupational Safety and Health Administration
OSHT	Occupational Safety and Health Technician
PA systems	public address systems
PCBs	polychlorinated biphenyls
PFD	Personal Floation Device
Phase 1 RAM QAPP	Phase 1 <i>Remedial Action Monitoring Quality Assurance Project Plan</i>
PM ₁₀	particulate matter smaller than 10 microns in diameter
PM _{2.5}	particulate matter smaller than 2.5 microns in diameter
PPE	personal protective equipment
ppm	parts per million
PSCP	Performance Standards Compliance Plan
QoLPS	Quality of Life Performance Standards
RA	Remedial action
RAM	Remedial Action Monitoring
RM	river mile
ROD	Record of Decision
RQ	reportable quantity

LIST OF ABBREVIATIONS AND ACRONYMS - CONTINUED

SCBA	self-contained breathing apparatus
SO ₂	sulfur dioxide
SPCC	Spill Prevention, Control & Countermeasure
SWPPP	<i>Stormwater Pollution Prevention Plan</i>
TSS	total suspended solids
USCG	United States Coast Guard
VHF	very high frequency

SECTION 1

INTRODUCTION

1.1 PURPOSE OF PLAN

General Electric Company (GE) has developed this Community Health and Safety Plan (CHASP) to address potential community health and safety issues for the public in the vicinity of the first phase of the Hudson River dredging project.

Consistent with GE's agreements with the U.S. Environmental Protection Agency (EPA), GE has submitted to EPA the final design for the first phase of the dredging project. The design document, referred to as the Phase 1 Final Design Report (Phase 1 FDR) (Blasland, Bouck & Lee, Inc, (BBL), 2006), describes the first phase of the dredging project that EPA has selected for the Upper Hudson River, including construction and operation of a sediment processing and dewatering facility, construction and operation of an associated rail yard, the first year of actual dredging operations, an environmental monitoring program, the backfilling of dredged areas with clean fill; and a habitat reconstruction program.

The Phase 1 project is an environmental remediation project of unprecedented size and scope. EPA has established Engineering Performance Standards (EPS) (Malcolm Pirnie and TAMS 2004) and Quality-of-Life Performance Standards (QoLPS) (Ecology & Environment 2004) to minimize impacts on the local community and environment during the project, and GE has designed the project to comply with these standards. However, even if EPA's performance standards are achieved during all work activities, some activities will likely be heard and seen by nearby residents and visitors.

In addition, any construction project of this magnitude can present potential hazards to the public, if the project is not properly planned or executed. For example, EPA has required that recreational users continue to navigate the Upper Hudson River. During this time, several project vessels will be stationed in the river, increasing the potential for boating accidents with non-project vessels.

This CHASP describes potential hazards and impacts to members of the local community, and the steps that GE and its contractors will take to prevent and respond to them. Generally, GE followed this basic approach when developing this document:

- First, identify and evaluate potential hazards and community impacts which, absent preventive measures, could realistically occur during work activities;
- Second, evaluate "preventive measures" that could be put in place before the project begins and during activities to reduce the potential for hazards and impacts to occur. This evaluation included the use of modeling to predict some possible impacts (*e.g.*, noise and air emissions);

