GE's Commitment to Clean Up PCBs in the Hudson River

Presentation to the EPA Community Advisory Group
September 30, 2010

Where We Are

> Phase 1 dredging conducted in 2009

> GE, EPA evaluations: Major changes necessary

> Independent peer reviewers:

- > None of the performance standards met or could be met
- > New standards necessary for Phase 2; but until set:
  - Need more data on PCB depth and PCB redeposition (during dredging)
  - Need development of peer reviewed model

> GE issues proposal to follow recommendations:

- > Full season of full-scale dredging in 2011
- > Continue clean-up progress while collecting necessary data

Continue Cleanup, Collect Data

> GE proposes full season, full-scale dredging 2011
  > 24/6 operations, 500+ employees on job;
  > May 15 - October;
  > Collect data peer reviewers recommended;
  > More cleanup progress while collecting information to improve performance in Phase 2.

> Collect thousands of new sediment samples to identify depth of PCBs in dredging areas

> Collaborate with EPA to develop updated computer model

Embrace the path forward recommended by peer reviewers

Peer Reviewers' Unanimous Findings:

"There is a very real need to set an allowable load limit for the Hudson River dredging project, but neither the data nor tool(s) needed to do so currently exist."

— Peer Review Final Report, Page 37

GE Proposal

> Collect thousands of sediment samples this fall

> Conduct dredging and collect more data on PCB redeposition and loss

> Collaborate with EPA on development of model

Peer Reviewers' Unanimous Findings:

"To develop a useful resuspension standard, a single, defensible model is required. The Panel strongly recommends that EPA and GE work together to develop such a model to meet project needs."

— Final Report, Page 24

GE Proposal

> GE has provided EPA with next-generation computer model developed by AnchorQEA

> Peer Reviewers said GE model may be "useful foundation" for joint model

> EPA evaluating model

GE Moving Forward

> Collaborating with EPA on computer model

> Sediment sampling program, with EPA oversight (underway)

> Evaluating modifications to processing facility

> Evaluating contractors for 2011

> Evaluating three disposal facilities for 2011 (underway)

Sediment Sampling Program:

> Using two technologies approved by EPA

> Goal is to obtain accurate data on PCB depth

> Thousands of samples to be collected between Rogers Island and Snook Kill

> Data to be incorporated into next year's dredging project

Where from Here?

- > Peer Review panel:
  - > Information to set final standards and scope for Phase 2 do not exist
  - > New data must be collected while dredges are operating
- > GE proposes to collect data and continue cleanup in 2011
- > Provides EPA with most reliable, most up-to-date data necessary to set final performance standards and scope
- > Provides certainty clean-up progress continues
  - > Ensures no time is lost in cleanup
- > Employs hundreds of local companies, employees
- > Takes guesswork out of dredging: Ensures continued progress and final Phase 2 Standards can be based on best science