NPG Recycling Overview

Indiana Sustainability Workshop
June 5, 2008
Overview Focus

• Where we were

• Where we are now

• Where we are heading
Where We Used to Be
Where We Used to Be
The Need for Change

• Our communities do not have an endless supply of landfill space

• NPG was the largest non-hazardous waste generator within ICI (~18,000 tonnes)

• Our operations spent over a million dollars on waste in 2006.

• Increasing focus on Sustainable, environmentally-responsible business
A Collision Course for the Future

A Global Perspective

- Life supporting resources: declining
- Consumption of life supporting resources: rising

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Indianapolis Plant Recycling Overview

- In 2005, we disposed of 7,300 tonnes of non-hazardous waste

- In 2006, an operator suggested that we recycle more material
  - Site Recycling Committee formed

- In 2007, the site had reduced off-site material to landfill by >90%

- In 2008, the site is targeting being “landfill free”
First Steps In the Site Program

• Identify the materials we were throwing away

• Find a recycling outlet for the material

• Remove dumpsters and replace with recycling bins

• Train employees in an overview of the program and the new requirements
What We Recycle

- Waste starch
- Paper / bags
- Metal
- Wood / pallets
- Bulk bags (supersacks)
Recycling Awards

• 2007 National Recycling Coalition Corporate Leadership Award

• 2007 Keep America Beautiful Waste Reduction Award

• 2007 Indiana Governor’s Award for Environmental Excellence

• 2007 ICI Sustainability Award
NPG Recycle Program

• Aimed at minimizing our impact on the environments in which we work and live

• Promote the reuse and recycling of material, rather than the landfilling of it

• Ultimate goal is to reach “zero landfill” in our operations
“Zero Landfill”

• Need to refine the “zero landfill” criteria for the entire business

• Could look something like:
  – >99% of material avoidance to landfill
  – Procedure in place to require approval prior to any material going to landfill
  – Bulk of material is recycled
  – Remainder of material goes for incineration
Recycling Program Scope

NPG Recycling Program

- Supply Chain
  - Engineering Projects
- Plant Recycling
- Returned Product
- Warehouses & Tollers
  - Manufacturing
  - Procurement
Program Hurdles

- Recycling outlets for remote operations
- Awareness at the floor level
- Contractors
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