

Westinghouse Electric Co., Windsor Fuel Components Facility (WFCF) Plant Site Report Information

Address: 102 Addison Road, Windsor, Connecticut 06095

Lot area: 29,127 m², Building area: 5,574 m², Green ratio: 52%

Establishment: 1994, Employees: 140 (as of March 2011)

Major products: Fuel Assembly Components

ISO 14001 certified: March 2, 2011
(ISO Certificate number: UQA 0102162/E)



Message from Environmental Preservation Chief

The past year marked a major milestone in WFCF's environmental management journey with the implementation of an environmental management system and ISO 140001 certification. Using the principals of ISO 14001 and with the help of all employees, WFCF made positive improvements in our environmental performance. Those working at WFCF look forward to continually improving environmental performance in the future.



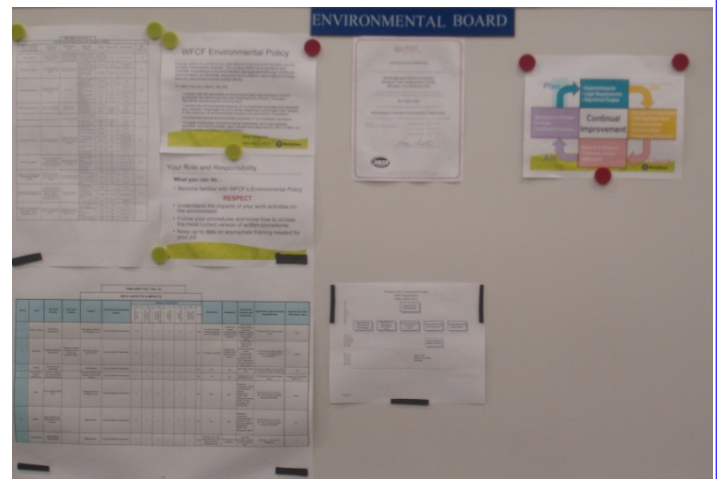
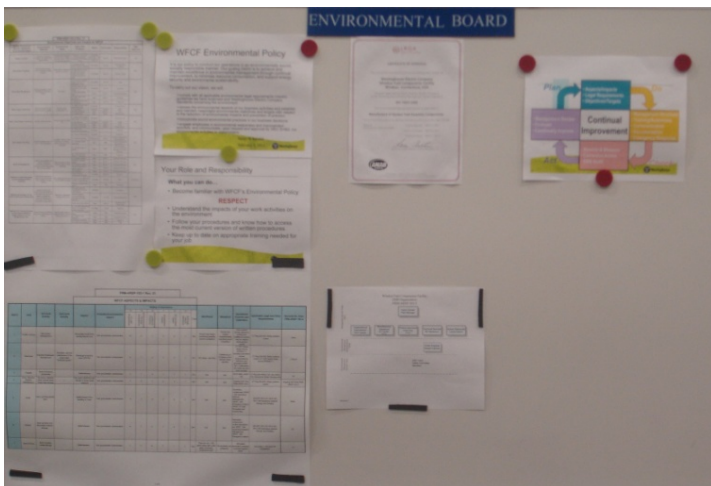
Bob Freeman
Principal Engineer
Environmental,
Health and Safety

Major Environmental Activities in FY2010

- (1) The most important Environmental Activity at WFCF was obtaining ISO 14001 certification in March of 2011. The journey of obtaining certification has changed how we look at the environment, how we setup our processes and buy our equipment.
- (2) We developed and implemented a building wide "One Stream Recycling Program" in August of 2010. Through this program 2200 kg of office wastes that use to go to the landfill, was recycled in FY 2011.
- (3) When the need for additional HVAC capacity arose an inefficient 20 ton unit was replaced by a very efficient 25 ton unit saving electricity and reducing the potential release of ozone depleting chemicals.
- (4) Added redundant failsafe features to the wastewater treatment system to prevent inadvertent discharges of untreated wastewater to the sanity sewer system.
- (5) Reduced the inventory of Nitric and Hydrofluoric Acid at the facility.
- (6) Donated 1,858 m² of open space land to the town of Windsor and added to our green space.

Environmental communication

Communicated internally using an Environmental Board and a Compliance Calendar:



And through issuance of Burning Issues and Monthly news letter.

Environmental Policy

Windsor Fuel Components Facility's Environmental Policy

It is our policy to conduct our operations in an environmentally sound, socially responsible manner. Our guiding vision is to achieve and maintain excellence in environmental management through continual improvement, to minimize resource consumption, and support energy security and environmental sustainability.

To carry out our vision, **We Will:**

- Comply with all applicable environmental legal requirements industry guidelines we have endorsed and Westinghouse Electric Company standards concerning the environment
- Assess the environmental aspects of our business activities and establish and maintain meaningful environmental objectives and targets with respect to the reduction of environmental impacts and prevention of pollution
- Incorporate sound environmental practices in our business decisions
- Engage employees in environmental awareness and improvement activities, and communicate, upon request and approval by WEC EH&S, our environmental activities to stakeholders

Environmental Sustainability Principles

The following company-wide sustainability principles will guide our environmental management system:

Management Commitment: We will demonstrate commitment to environmental sustainability on a broad level through employee engagement; ensuring the availability of resources; transparent interaction with customers, regulators, suppliers and other stakeholders to promote environmentally sustainable business activities; and through minimizing the impacts of our global business activities on the environment.

Protection of the Biosphere: We will make continual progress toward eliminating release of substances that may cause environmental damage to the earth or its inhabitants. We will safeguard habitats affected by our operations and protect open space and wilderness, while promoting biodiversity.

Risk Reduction: We will minimize the environmental risks to our employees and the communities in which we operate.

Prevention of Pollution: We will analyze our operations and products to implement source reduction, waste reduction and increased reuse and recycling. Waste that is generated will be handled and disposed of in a safe and responsible manner.

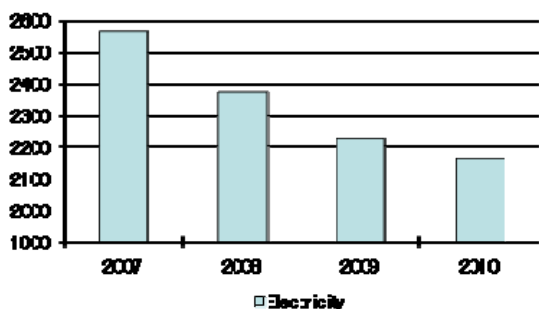
Energy Usage Reduction: We will monitor, analyze and implement continual improvements to reduce energy usage in our facilities, processes and applications, while improving the energy efficiency of our products and services.

Sustainable Use of Natural Resources: We will analyze our utilization of natural resources such as water, and set goals for reduction through continual improvement.

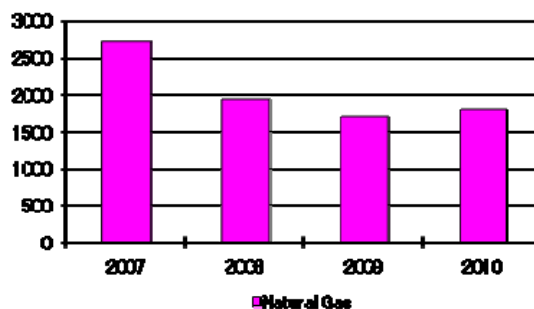
Air Quality Improvement and Climate Change Mitigation: We will offer very low air emission and non-carbon emission plants to the energy market. Our products and services will help customers reduce and manage their air emissions. In addition, we will actively manage the air and greenhouse gas emissions from our own operations, and establish goals for reducing these emissions and our carbon footprint.

Environmental Load Data

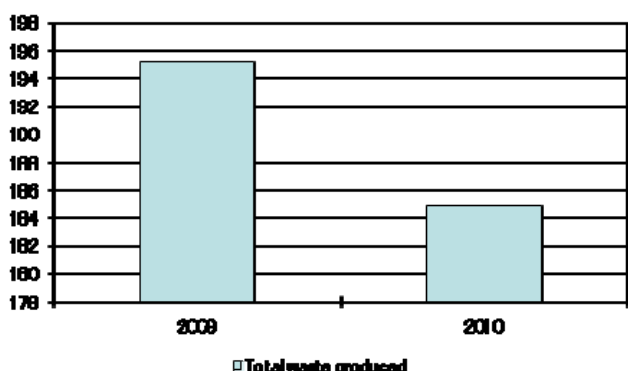
Electricity usage (unit: 1,000 KWH)



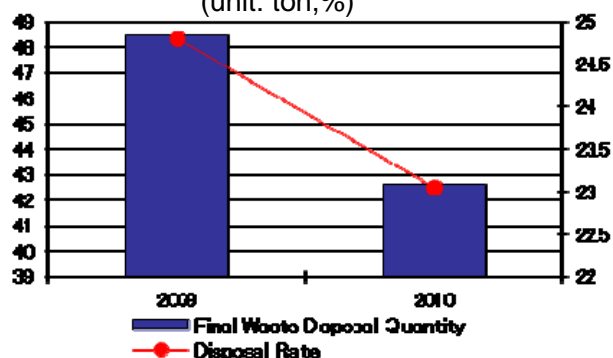
Natural Gas Usage (unit: 1000 Cu. Ft.)



Total waste produced (unit: ton)

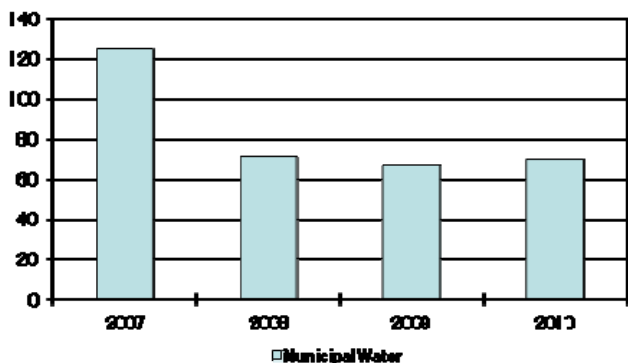


Final Waste Disposal Quantity & Disposal Rate (unit: ton,%)

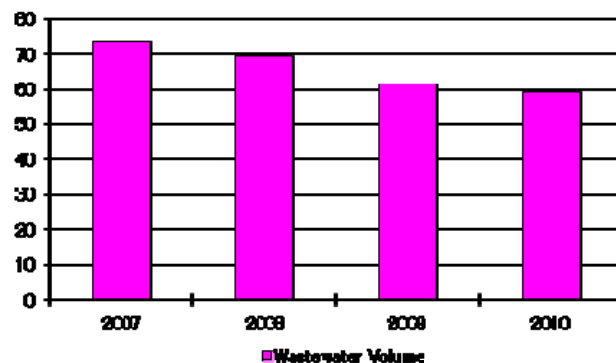


Major wastes: Acid, metal, cardboard, wood, office wastes and spent coolant.

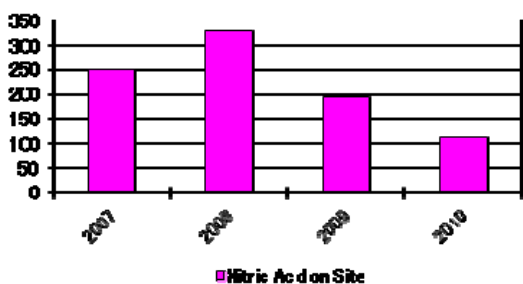
Water Usage (unit: 100 m³)



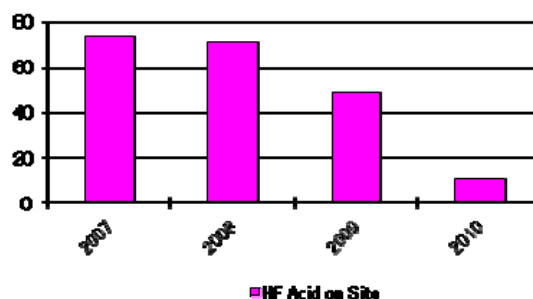
Wastewater Volume (unit: 100 m³)



Nitric Acid Inventory (unit: Average gal/day)



HF Acid Inventory (unit: Average gal/day)



Major chemical substances: Nitric Acid, Hydrofluoric Acid, Water Soluble Machine Coolant

Compliance management

Facility Industrial Wastewater Pre-Treatment Discharge. Discharge is to a POTW

	Regulation value	Self-control value	Actual measurement	Measurement frequency
Hydrogen ion concentration (pH)	6.0 – 10.0 Permit Value	6.3 – 9.5	6.2-8.8	Continuous
Oil & Grease	25.0 mg/l	NA	<1.4-4.1 mg/l	Bi-monthly
Chromium	0.5 mg/l	NA	<0.001 - 0.017 mg/l	Monthly
Cadmium	0.05 mg/l	NA	<0.001 mg/l	Monthly
Lead	0.05 mg/l	NA	<0.002 mg/l	Monthly
Zinc	0.5 mg/l	NA	<0.002 – 0.011 mg/l	Monthly
Copper	0.5 mg/l	NA	0.033 - 0.037 mg/l	Semi-annual
Nickel	0.5 mg/l	NA	<0.001 - 0.008 mg/l	Monthly
Silver	0.1 mg/l	NA	<0.001 mg/l	Semi-annual
Cyanide	0.65 mg/l	NA	<0.01 mg/l	Semi-annual

Environmental accidents, administrative advices and complaints

	State
Environmental accident	None
Environmental problem around the factory and in the local area	None
Administrative advice or direction	None
Complaint from neighboring residents	None