

The Graystone Society and
The National Iron & Steel Heritage Museum in
The Lukens National Historic District
76 South First Avenue, Coatesville, PA 19320
610-384-9282
graystone@lukensnhd.org
www.lukensnhd.org
Copyright The Graystone Society, Inc. 2010 All rights reserved.

The Fifth Annual Rebecca Lukens Award

March, 2011

The Rebecca Lukens
Award has been
established to honor
individuals who exhibit
the qualities of Rebecca
Lukens:



Resilience
Loyalty
Caring
Practicality

Insightfulness
Tenacity
Resourcefulness
Patience



Join the
Graystone Society
on Facebook!

Keep up with all the latest events and
developments in the Historic District!

You can view videos of
our events at:

3ctvlive.com **3CTV**
LIVE.COM

Be a part of the
Graystone Society!
Donate now using



Programs

Upcoming Events in the Lukens National Historic District

December 10 2010, 4 to 7 pm — **Free Event**
Santa, Holiday Tours and Food Drive

2011

January 8, 1 to 3 pm — \$5
Inaugural Rebecca Lukens Birthday — Seed Planting

February 30, 6:30 pm — \$5, Members Free
Inaugural Black History Month Lecture:
Minorities in the Iron & Steel Industry

March 17, 5 to 8 pm — \$35
Fifth Annual Rebecca Lukens Award Presentation

March 19, 5:30 to 7:30 pm — \$5, Members Free
Inaugural Women's History Month Lecture:
Women in Iron & Steel

April 7, 6:30 pm — \$5, Members Free
Travel Lecture: Eugene L. DiOrio:
Italian Journey

April 20, 8:30 am to 1 pm — **Cost to be Determined**
Trip #1: Wheatland — Home of President Buchanan

May 5, 5:30 to 7:30 pm — \$5, Members Free
Spring Lecture #1:
Lukens and Leonardo's Horse

May 20, 10:30 am to 3:00 pm
Volunteer Day: Collections Management

June 2, 5:30 to 7:30 pm — \$5, Members Free
Spring Lecture #2:
Steelworkers at Lukens

June 18, 6 pm — \$30, Members \$5 Discount
Inaugural Members Only Garden Party

July 9, 11 am to 5 pm & 6 to 10:00 pm — **Free Events**
City of Coatesville & Coatesville Rotary Club present
Celebrate Coatesville

July 25 to 29 — \$175, Members, \$25 Discount
Inaugural Summer Camp: Science or Career Camp

August 4, 11, 18 & 25 — \$25/Class, \$75/Series, Members \$5 Discount
Inaugural Old Time Thursday Seminars

September 1, 7:30 to 10:30 am — **Free Event**
10th Anniversary World Trade Center Commemoration

September 28, 6:30 pm — \$5, Members Free
Travel Lecture: Eugene L. DiOrio:
Touring Naples

September 26 — **Cost to be determined**
Inaugural Golf Outing: — Merion Golf Club — West Course

October 6, 5:30 to 7:30 pm — \$5, Members Free
Fall Lecture #1:
The Lukens Athletic League

October 8 — \$15, Members \$5 Discount
Inaugural Fall Festival and Lukens Reunion

October 19 — **Cost to be Determined**
Trip #2: World Trade Center Memorial, New York, NY

November 3, - 5:30 to 7:30 pm — \$5, Members Free
Fall Lecture #2:
Victorian Era Thanksgiving

November 18, 10:30 am to 3:00 pm
Volunteer Day: Collections Management

December 9, 4 to 7 pm — **Donation Requested**
Holiday Open House: Santa, Food Drive

Boilerplate



Autumn 2010

The Graystone Society brings you the newsletter of the National Iron & Steel Heritage Museum in the Lukens National Historic District.

Events in Revue

Inaugural Coatesville Remembers 9/11 Event

The first *Coatesville Remembers 9/11* commemoration was held successfully on September 11, 2010 between 7:30 and 10:30 am, exactly nine years after the tragic event. Bells were rung to mark the most significant times of that day: the takeoff of the airliners, the moments of the crashes, and the collapses of the towers. In between various speakers helped to commemorate the day, and the Belletones Choir, the Redmen from Coatesville Area Senior High School and the Lukens Band provided appropriate music.



Among the government officials participating were Ted Reed, Acting Coatesville City Manager, County Commissioners Carol Aichele and Kathi Cozzone, Tim Hennessey, PA State Representative, John Rafferty, PA State Senator, and Jim Gerlach, United States Representative.



Also in attendance were representatives from local Fire Companies from Coatesville, Downingtown and Telford Fire and Rescue. The bells, mounted on the fire trucks, were rung at significant times during the



ceremony by children from the Girl Scouts and the YMCA Youth and Government Club.



2010 Lead Sponsors

ArcelorMittal
TheHuston Foundation
Citadel Credit Union
Pennsylvania Historical
& Museum Commission

Be a part of the Graystone Society!

Now Donate using PayPal!

It's easy — Join us on Facebook or go to www.lukensnhd.org and click on the **Donate, Join** or **Sponsorship** tabs, or call today 610-384-9282.

We can't do it without you!

The Graystone Society is a 501(c)3 corporation registered with the Pennsylvania Bureau of Charitable Organizations.

Upcoming Events

Holiday House Tours

We'll be getting into the holiday spirit with the Holiday House Tour to be held on the evening of **December 10 from 4 to 7 pm**. The festive atmosphere will include a model train display, lights, luminaries, and music by the Lukens Band and the Belletones Choir. All of the buildings will be decorated for the season, refreshments will be available and of course Santa will be there! Activities will be both indoors and outdoors, so dress warmly and bring your flashlight (or purchase one here for a nominal fee). And don't forget, our gift shop will be open for those last minute gifts and stocking-stuffers. This is a free event.



We are also having a food drive at the Lukens Executive Office Building to benefit the Coatesville Food Cupboard. Please help us to help those less fortunate during this Holiday Season.

Lukens – 1940 to the Present

History Corner Part Four

During World War II, Lukens turned its attention to developments in heat-treated armor plate for naval vessels and military ground vehicles. Employment at the Lukens Steel Company soared and the mill was enlarged with the building of the 140" Mill to produce the huge amounts of materials needed to supply the U.S. Navy with plate steel.

The 1950s and 1960s saw continued expansion. Lukens produced the hull plate for the first nuclear-powered submarine, the Nautilus; and produced steel for nuclear aircraft carriers, such as the Enterprise; oil tankers, such as the Manhattan; and skyscrapers, like the World Trade Center.

continued on page 3



President's Message

Our 200th Anniversary Year

2010 was a year I have been looking forward to for a long time. We marked 200 years of iron and steel making in Coatesville with events throughout the year, beginning with the Rebecca Lukens Award in March, right through to our Holiday House Tour, which will take place on December 10.



Scott G. Huston

In between we experienced the emotional return of the World Trade Center Trees, and even exceeded our own expectations with the Garden Party and other 200th Anniversary Events. We continued our successful and well-attended series of lectures, and somberly commemorated the tragic events of September 11, 2001.

I would like to thank everyone who helped make this a successful year: Eugene DiOrio, Sharon Tandarich, Sam Radziviliak, Fran Ciarrocchi, and the newest member of our team Caroline Keene.

Thanks also to the first responders, truck drivers and others who helped bring the trees back to Coatesville. It is also important to note that we could never have accomplished so much this year without our volunteers and our sponsors, committee members and most of all the City of Coatesville and people in the community who have supported us all year.

I believe we will continue in 2011 to build on the success we have seen this past year, and move on to even bigger and better things in Coatesville and the Lukens National Historic District.

Collections

Donations from ArcelorMittal

Thanks to a generous donation from ArcelorMittal we have added the contents of Lukenweld Building #1 to our collections. Included in this acquisition is a pressure vessel, some Open Hearth crane hooks, tools, equipment and machines. We were also able to salvage three "Lukens Blue" picnic tables from the locker room. The salvaged objects are currently in storage.



Welders face mask.

Volunteer Day

Volunteer Day was held on November 19, 2010. Volunteers continued to organize the items taken from Rebecca Lukens House during the last volunteer day. Shelving was built in Terracina, and archives were organized in Lukens Executive Office Building.

Your Donation is Tax Deductible

The Graystone Society is a 501(c)3 corporation registered with the Pennsylvania Bureau of Charitable Organizations.

Development

Annual Appeal

The Graystone 2010 Annual Appeal is under way. Annual Appeal donations are earmarked for general operating expenses. These funds are critical as the year comes to a close, so your support is more important than ever.

It is now easier than ever to donate with a credit card using PayPal, available on our website: www.SteelMuseum.org, and remember to follow us on FaceBook.

Graystone Society Store

The Graystone Society Store will be stocking many new items suitable for gift giving this Holiday Season. Among the new items are hats, coats, golf shirts, T-shirts, visors, coffee mugs, travel mugs, water bottles, books, water colors, hard hats, children's fire hats, key chains and flashlights.

Interested in the The Naval Academy Museum in Annapolis, MD

Visitors to the U. S. Naval Academy in Annapolis Maryland make a point of stopping in at the Naval Academy Museum located in Preble Hall on the grounds of the Academy. The museum is an educational resource for understanding of the history of the theory and practice of sea power.

The Museum is charged with collecting, preserving, and interpreting the objects, documents, and works of art which relate the history and traditions of the United States Navy. Emphasis is given to objects that illustrate the role of the naval officer and, in particular, that of alumni of the U. S. Naval Academy in the events of our past.

For more information go to the Naval Academy website at www.usna.edu and click on the link for the Naval Academy Museum.



The Battleship U.S.S. New Jersey.



Book Nook

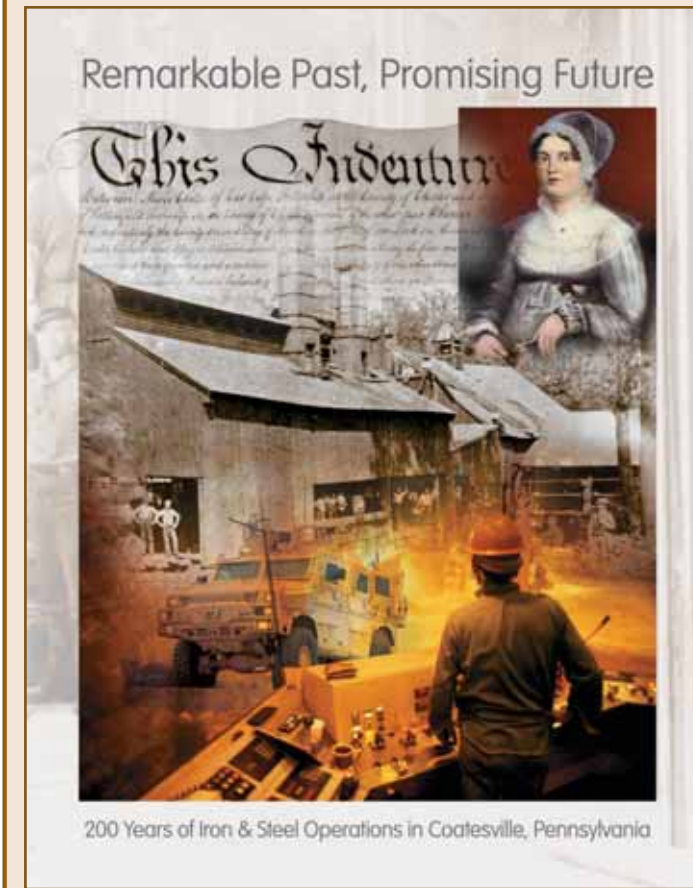
Remarkable Past, Promising Future

Remarkable Past, Promising Future is a pictorial history of the 200th Anniversary of the present day ArcelorMittal's Coatesville Operations, the oldest continuously operating steel mill in the North America.

Founded on July 2, 1800 as the Brandywine Iron Works & Nail Factory and later know as Lukens Steel, the book, written by the Graystone Society and ArcelorMittal, features over 300 photographs and illustrations dating from the 1800's to the present of the people, process and products that made the mill.

Also available is a DVD featuring a video version of the history as well as videos taken at the Graystone Society's June 26th Garden Party & Historic Marker Dedication, and the Rose Garden Dedication at Brandywine Mansion on July 2nd. Also included are videos taken at ArcelorMittal's 200th anniversary Celebration and Workers Reunion held on July 5th.

The book will sell for \$40, the DVD for \$5, and both are available through The Graystone Society.



200 Years of Iron & Steel Operations in Coatesville, Pennsylvania

History

History Corner continued from page 1

The first Electric Arc Furnaces came on-line in the late '50s — replacing the old Open Hearths. These furnaces reduced drastically the time between taps from 8 hours per heat to 1.5 hours per heat. They used less fuel and the electricity, they



Tapping the Electric Arc Furnace

used was more environmentally friendly than the Open Hearths, which burned coal.

During this period Lukens diversified by purchasing Allenwood Steel, the facility in Conshohocken (which now runs a Steckel mill), and Washington Steel with a stainless operation. However industrial decline in the northeast and midwest saw the rise of the rust belt. At Lukens this meant the closing of the Open Hearths, and the sale of the Spun Heads division and Lukenweld.



Lukens steel went into the S.S. Manhattan, the first commercial vessel to transit the "Top of the World" route.

In 1997 Lukens Steel was sold to Bethlehem Steel. When that company went into bankruptcy in the early 2000s, the Coatesville plant was bought by International Steel Group. ISG was bought out by Mittal in 2003, and since Mittal merged with Arcelor Steel in 2006 is now part of ArcelorMittal.



Lukens produced a great deal of structural steel for use in bridges.

Today, after 200 years the mill is a still busy place — the arc furnaces, 140" mill and 206" mill are all in operation, producing the high-end specialty steels needed by the modern world.

Your Donation is Tax Deductible

The Graystone Society is a 501(c)3 corporation registered with the Pennsylvania Bureau of Charitable Organizations.