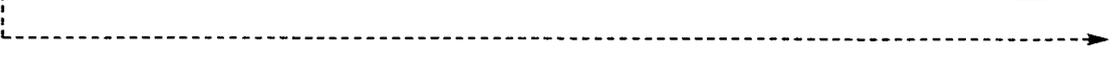


fernald Report

- Making a difference
- From Weapons to Wetlands
- History of the site

May/June 2001



message from

Steve McCracken

Our People Make the Difference

The 50th Anniversary was an impressive example of the positive difference our employees make here and in our community. On May 8, over 2,500 people came out to mark the 50th anniversary of the construction of our site. I could not help but think how fortunate we were to be able to pull everyone together. Former land owners, stakeholders and our workers all enjoyed the chance to get together. Retirees had an opportunity to re-connect with friends and share production era stories. This was a time to say "thank you" to the hundreds of people that served our country when the threat of nuclear war hung over our heads. It was clear from seeing the faces and the warm greetings that this day hit the mark perfectly with those in attendance.



In addition, students from local Crosby Elementary school volunteered their time handing out cookies and picking up after the visitors and the "Band of Class" from Ross High School provided music including the event's opening National Anthem. Also many exhibits were displayed, a documentary video providing the story of Fernald was debuted, pamphlets on Fernald's history were available and the sites Cold War Garden was dedicated. Bricks, which are displayed in the Cold War Garden, were presented to current and former land owners, local stakeholder and regulatory groups and three current employees that have in excess of 46 years each working at Fernald. The bricks are a thank you for the dedication and commitment the parties have provided to Fernald. Our 50th Anniversary Planning committee along with nearly 100 volunteers did an

outstanding job of putting this day together.

From the earliest days of production to the heart of site cleanup, our folks have chosen to do their best for Fernald and the community. This tradition of excellence will be remembered long after this site is gone. I am proud to be a part of the Fernald team.

A handwritten signature in cursive script that reads "Steve McCracken".

Steve McCracken
Director, DOE-Fernald

On the cover: 2nd District Congressman Rob Portman served as keynote speaker for the 50th Anniversary event held at Fernald. Following the presentation, Congressman Portman congratulated former land owners for their contributions (7606-d0022).



Left: Fernald retirees take a trip down memory lane as they look at one of the historical photo displays created for the 50th anniversary (7606-d02).

From Weapons to Wetlands

On May 8, the Department of Energy and Fluor Fernald commemorated the site's 50th anniversary by inviting Fernald employees, retirees, former landowners, neighbors and other stakeholders to a ceremony commemorating the contributions of each group. "In 50 years of history you're going to have good times and bad times," said Gene Branham, Fernald Atomic Trades and Labor Council vice president and 48-year Fernald employee. "This anniversary was about all of the good things that we've all done together. We have a lot to be proud of. All of us."

Approximately 2,500 people attended the event, including almost 450 retirees. "It was first-class all the way," said Melvin "Doc" Cleeter, who worked at the site for 41 years before retiring in 1996. "They made everybody there feel special, like what we had done was really important. I can't tell you how much it meant to me."

During his keynote address, Congressman Rob Portman thanked the employees who worked at Fernald during the production years and helped win the Cold War. Portman also commended the work of the Fernald Residents for Environmental Safety and Health for their efforts in making the Fernald cleanup a federal priority. "Had it not been for your dedication and perseverance, this cleanup would not be nearly as far along as it is," Portman said. "Because of your contributions, you can be as proud of Fernald's future as these retirees are of it's past."

Perhaps one of the most touching moments of the day's event came when the sacrifice of the former landowners was acknowledged. "Fifty years ago, the government claimed the land of a dozen families to build this plant," said Ron Peterson, Fluor Corp. "Please let me say something that should have been said half a decade ago, 'I'm sorry for your loss.' Thank you for making the ultimate sacrifice to help our country win the Cold War."

Fernald at 50

From Weapons to Wetlands



WHAT YOU CAN DO TO FIGHT COMMUNISM

AND PRESERVE

A - Let yourself - learn the true nature and tactics of communism.

M - Make civic programs for social improvement your business.

E - Exercise your right to vote; elect representatives of integrity.

R - Respect human dignity - communism and individual rights cannot coexist.

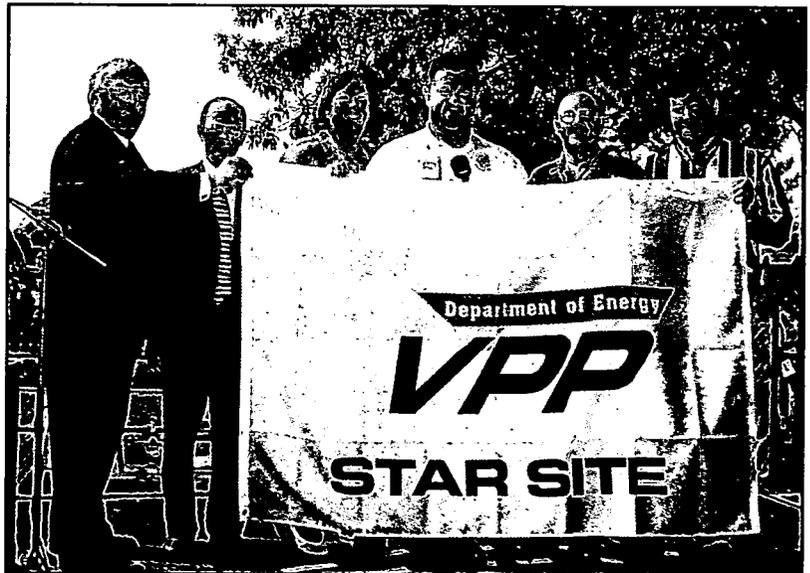
I - Inform yourself; know your country - its history, traditions, and heritage.

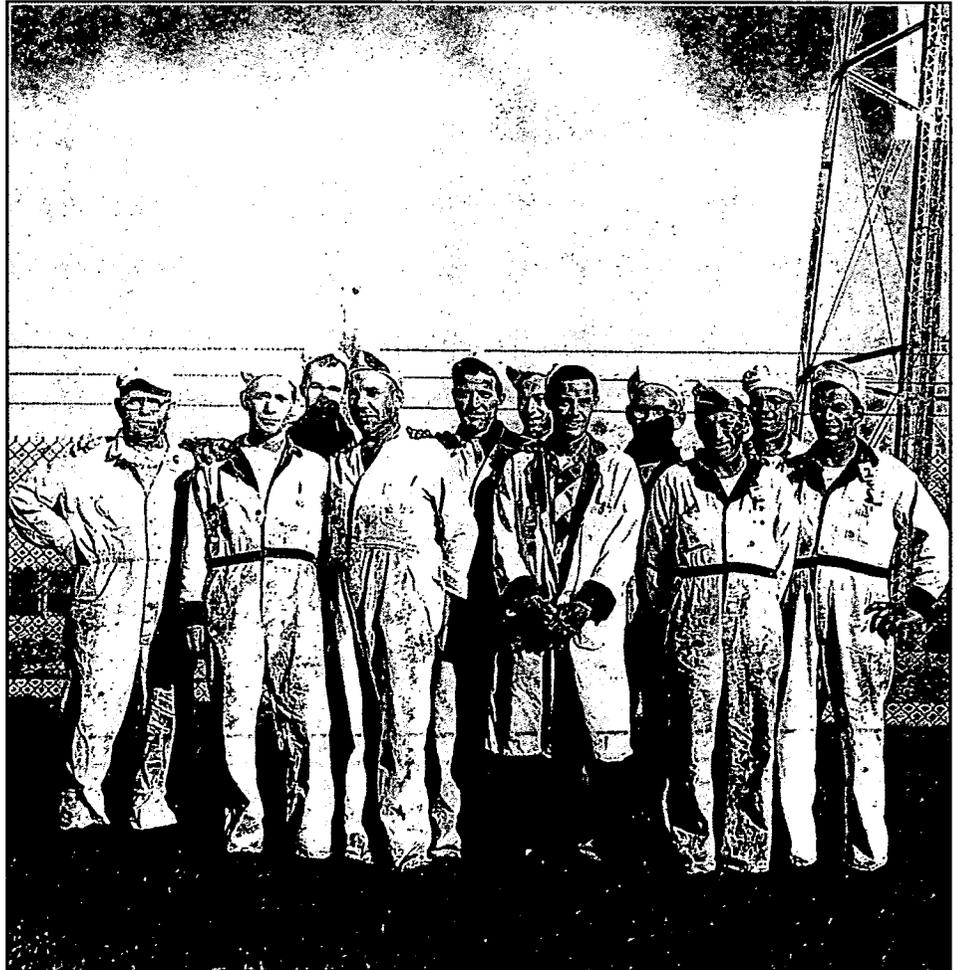
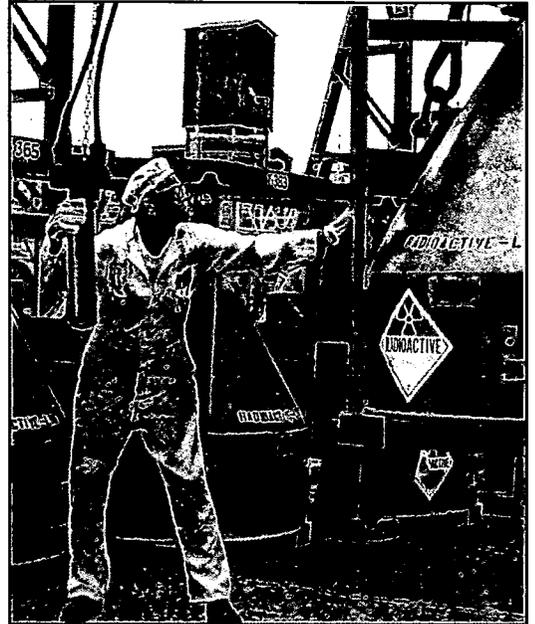
C - Combat public apathy toward communism - indifference can be fatal when national survival is at stake.

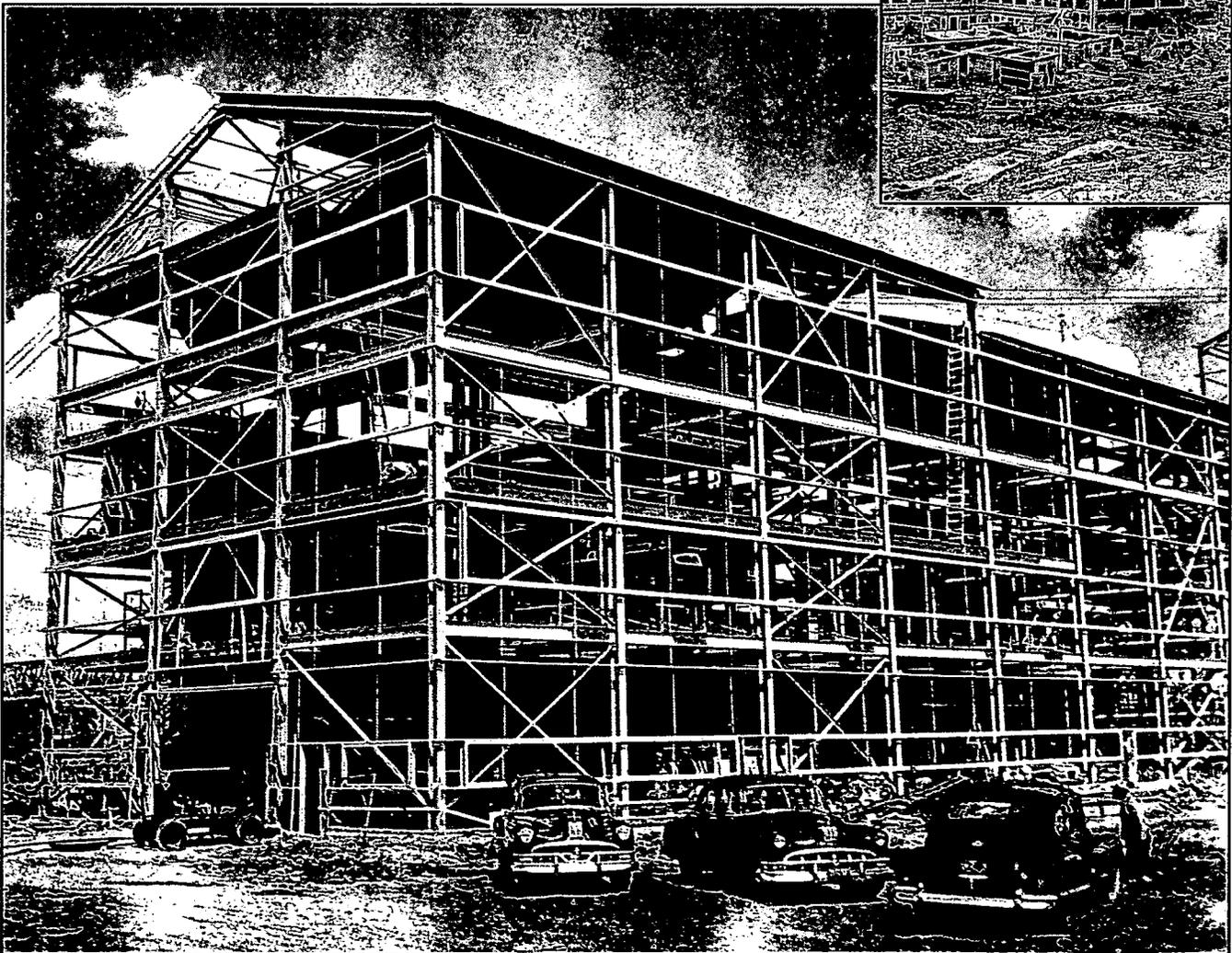
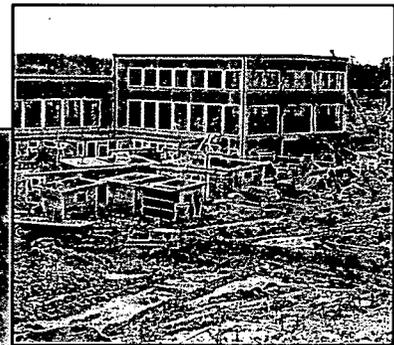
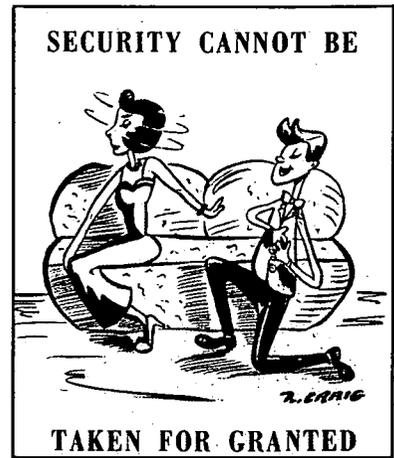
A - Attack bigotry and prejudice wherever they appear; justice for all is the bedrock of democracy.

J. Edgar Hoover
Director, Federal Bureau of Investigation

PATRIOTISM IS EVERYBODY'S JOB!







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Now, that's a cap!

The Soil and Disposal Facility Project initiated spring construction activities, which include excavation of approximately 20,000 cubic yards of soil and final cap preparations for Cell 1 of the On-site Disposal Facility. A one-foot thick contouring layer of soil was recently placed on Cell 1 prior to the placement of a final 8.75-foot cap.

Truckloads of stone are being delivered to the site for construction of the cover drainage layer and bio-intrusion barrier. In addition to the contouring layer of soil, cover drainage layer and bio-intrusion barrier, the cap will also include: a topsoil layer covered by prairie grass, a vegetative soil layer, a granular filter layer, geosynthetic liners and compacted clay. Construction of Cell 1 cap is expected to be complete in September 2001.

Left: Approximately 110,000 tons of stone and rock will be used in the cap construction for the cover drainage layer and biointrusion barrier. (7466-d0153).

Technology improves efficiency

Since deployment in February, the survey remote prismless total station (SRPTS) has played a key role in saving time, money and most importantly, improving safety to the workers. The SRPTS is a land surveying tool that provides highly accurate prismless measurements to distances of more than 500 feet. The robotic tool, which automatically tracks the surveyor's position, reduces the surveying crew size from three to one and eliminates the need to enter potentially hazardous work areas.

The On-Site Disposal Facility is currently utilizing the prismless system for the development of the multi-layer liner and cap. Measurements are taken at multiple intervals during construction of the liner, during waste placement and throughout construction of the Cell 1 cap. These measurements verify the cell is being constructed according to design and create a map, which provides tracking of the waste placement for post-closure use. The tool is also used to measure soil volumes and determine the amount of waste removed from the waste pits, and provides immediate information for erosion measurement of Paddy's Run Creek.



Above: The survey remote prismless total system supports engineering, construction and environmental remediation activities (7543-d0052).



First Link: A Story of Fernald

The Fernald Living History Project (FLHP) began in late 1997 when the community, DOE and Fluor Fernald began a volunteer advisory group in partnership with the University of Cincinnati, Miami University and Crosby Township Historical Society. The main objective was historical preservation, and the FLHP decided the most effective way to preserve human history of the site was through videotaped interviews.

In the summer of 1998, the FLHP committee enlisted the help of Fluor Fernald's Multimedia Visual Services Department to shoot six interviews and produce a pilot video, which would be used to determine further interest. The committee showed the pilot video to various community groups and at local festivals.

After identifying interested interviewees, the full-scale production on in-depth interviews began in the summer of 1999. Over 100 community members, former workers, current workers and local elected officials were interviewed.

The interviews usually lasted 2-3 hours and most were recorded on location at private homes. More than 120 hours of videotape were used. A team transcribed each interview and placed the full transcript and video in Fernald's Public Environmental Information Center (PEIC) and the Crosby Township Historical Society archive to insure the interviews would be readily available to the public.

With Fernald's 50th anniversary on the horizon, a decision was made to produce a full-scale, hour-long documentary on the history of the Fernald site and

its impact to surrounding communities.

Post production of the documentary began in the spring of 2000 by reviewing transcripts, selecting sound bites and conducting extensive historical research. The final product, *First Link: A Story of Fernald* was ready in April of 2001. Everyone who attended the 50th Anniversary event received a copy of the documentary.

Above: Visitors and stakeholders looked at the display and spent some of their time reflecting back on the memories the site offered over the last 50 years (7176-d17).

Lighting the Way

Volunteers can and do make a difference. Just ask Jamie Jameson, Fluor Fernald Project Execution senior project director, and the many employee volunteers who have been helping out at New Beginnings, a group home for girls, trying to overcome the devastating effects of sexual and physical abuse.

For the past five years, the team has undertaken projects that have helped to renovate or otherwise improve the home. Some of these projects include constructing a new craft room and library, building a gazebo, sprucing up the kitchen and making sure the girls are well taken care of during the holidays.

These efforts have not gone unnoticed. Jameson and the entire group were recently presented a Beacon of Light Humanitarian Award. According to Patty Lovaglio, director of New Beginnings, "In more than 20 years of social service, I have never come across a group of volunteers like the employees from Fernald. Each person is committed and always follows through on whatever project they are working on. They are an altruistic group of volunteers. It's never about them, it is always for the girls."



Above: The honorees for the 2001 "Beacon of Light Humanitarian Award" enjoy a moment together at a banquet held in their honor. Winners are chosen for their support of community programs and projects that enhances the lives of children and families. From left to right, Jamie Jameson, Fluor Fernald, Dorothy Dobbins, Cincinnati Public School art teacher, Dr. Leon Boothe, President Emeritus and professor of History, Northern Kentucky University and Mr. O. Lavelle Bond, retired Vice President of Worldwide Diversity for Procter & Gamble (7600-d1).



Above: Pat West (right), Chairman of the Board for the Greater Hamilton Safety Council presents Danny Whitaker-Sheppard (left), Fluor Fernald Environment, Safety, Health & Quality program director and Bob Nichols (center), Fluor Fernald Maintenance & Infrastructure Support project director with one of five awards in recognition for Fernald employees' outstanding safety performance (7605-d011).

Who's responsible for safety? I am.

Through April Fluor Fernald employees had worked more than 8 million safe work hours without a lost workday, which represents the longest consecutive safe work hour streak since the site began its environmental restoration mission. As a result of this accomplishment, the Greater Hamilton Safety Council presented Fernald with several prestigious safety awards including:

- Chairman's Award – for best industrial safety record for working 750,000 or more man-hours without a lost-time accident;
 - Group Award – for the lowest incident rate;
 - 100% Award – for working entire year without a lost-time injury;
 - Achievement Award – For decreasing our incident rate by at least 25 percent from the previous year;
 - Special Award – for accumulating at least 500,000 hours and achieving six months without a lost-time injury.
- Fernald's Leadership Team attributes this achievement to all employee's diligence in making safety their highest priority.

Recent Tours



On May 15, Hamilton County Commissioner Todd Portune and his staff visited Fernald to gain insight on the cleanup and progress that has been made at the site.

Left: From left to right: Johnny Reising, DOE Fernald associate director, Todd Portune, County Commissioner and Steve McCracken, Director DOE-Fernald. Commissioner Portune was interested in how the county can be of assistance during transition between cleanup and post-closure

May 8, marked the fifth year that DOE hosted an evening tour of the Fernald Site for the public. The tour allows people who can't come during the day an opportunity to see the progress and hear about the remediation projects. This year about 100 guests took the tour.

Right: Prior to the tour, the visitors learned about the local history of the community and the rich cultural resources of this area. Joe Schomaker, Fluor Fernald Cultural Resource Manager, spoke about the numerous archaeological investigations and the many cultural resource sites that have been discovered (7606-d155).

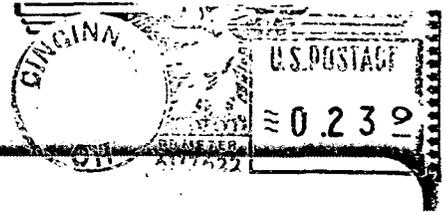


Rail shipments provide safe transport

37 Train Shipments vs. 11,312 Truck Shipments

Fernald has safely shipped 37 unit trains to Envirocare of Utah since 1999. The total amount of material transported is 226,235 tons. Assuming a truck can hold 20 tons of material, it would have taken 11,312 trucks to transport this much material.

RESORTED
STANDARD



New documents - Public Environmental Information Center

The following information was added to the Public Reading Room, Administrative Record files and Post Record of Decision files at DOE's Public Environmental Information Center (PEIC):

- Soil Characterization and Excavation Project
 - ◆ Certification Report for Area 2, Phase II Part Three Soil Stockpile 3 Footprint Revision 0 Final April 2001
 - ◆ Certification Report for Area 2, Phase I Active Flyash Pile Footprint and Adjacent Area East of the South Construction Road Revision 0 Final April 2001
 - ◆ USEPA Letter: On-Site Disposal Facility Material Transfer Area
 - ◆ Calibration of NAI In Situ Gamma Spectroscopy Systems
 - ◆ USEPA Letter: Area 8, Phase II. Natural Resource Restoration Project Completion-Report
- Silos Project
 - ◆ DOE Letter: Request for Extension of Silo 3 Amended Consent Agreement Milestone
- Miscellaneous
 - ◆ 2000 Hazardous Chemical Inventory Forms and Maps
 - ◆ Path to Closure 2000 Annual Report for the Fernald Environmental Management Project
 - ◆ Consolidated Consent Agreement / Federal Facility Compliance Agreement / Federal Facility Agreement / Remedial Investigation/Feasibility Study / Consent Decree Monthly Report for the Period March 1, 2001, Through March 31, 2001, and Quarterly Report January 1, 2001, Through March 31, 2001, Including Effluent Radiation Reports, Radon Reports, and Removal Action Status Report

*Note: This does not represent the complete list of new documents added to the PEIC for the month of April.
Contact the PEIC, 513-648-7480 for a complete list of new documents.*



Fernald Report

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