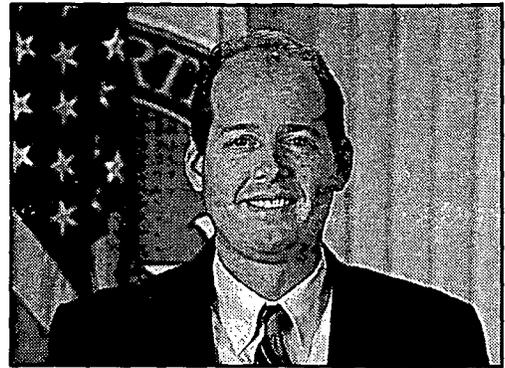


A Message from Jack Craig: **FEMP Construction Activities** **Impact Site and Local Roads**

Employees and visitors to the site will notice several construction-related activities associated with cleanup of the FEMP waste pits and the On-Site Disposal Facility. In fact, some of these changes may temporarily affect travelers passing by the northern part of the FEMP, along Ohio State Route 126, so I want to brief everyone about these activities.



Jack Craig, DOE-FEMP director (6171-177)

To support the Waste Pits Remedial Action Project, Fluor Daniel Fernald will be constructing a turn lane at the Original North Entrance Road along Ohio State Route 126 (Cincinnati-Brookville Road). The Original North Entrance Road is located north of the FEMP and approximately 0.5-mile west of the currently used Main North Access Road off Ohio State Route 126. (See figures 4529 and 4529.1.) Construction activities to complete the turn lane are scheduled to take 45 calendar days. Construction will begin the week of April 21 and will occur between 8 a.m. and 4 p.m., Monday through Friday, during which time it may be necessary to restrict traffic to one lane along State Route 126.

To ensure worker and motorist safety, Fluor Daniel Fernald construction crews will install warning signs and use flag personnel to forewarn motorists and control traffic through the road construction zone. Fernald Envoys are informing Ross, Morgan and Crosby Townships local schools, merchants, site neighbors and other stakeholders about the road construction project.

Reactivation of the Original North Entrance Road is necessary since ongoing work on the On-Site Disposal Facility project will require closure of a section of on-site roadway — the Fire Training Access Road. Closure of the Fire Training Access Road will block access to the north railyard and the waste pits from the current Main North Access Road. Therefore, the Original North Entrance Road is being reactivated to handle contractor supply and equipment deliveries only — it will not be open to normal personnel traffic.

During the turn lane construction, the Original North Entrance Road will be utilized for material and equipment deliveries by the rail contractor to complete the north railyard. Eight to 10 truck deliveries of materials per day (to support the rail contractor) are anticipated during the turn lane construction period from mid-April through June 30, with periodic deliveries thereafter.

As we progress through our cleanup, we will do everything possible to minimize any inconveniences to our community during peak construction periods. If you have any questions about these activities, please call DOE-FEMP Public Information Officer Gary Stegner, 513-648-3153.

Sincerely,

Jack Craig

Director, DOE-FEMP

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NOV

Fernald Report April 1997

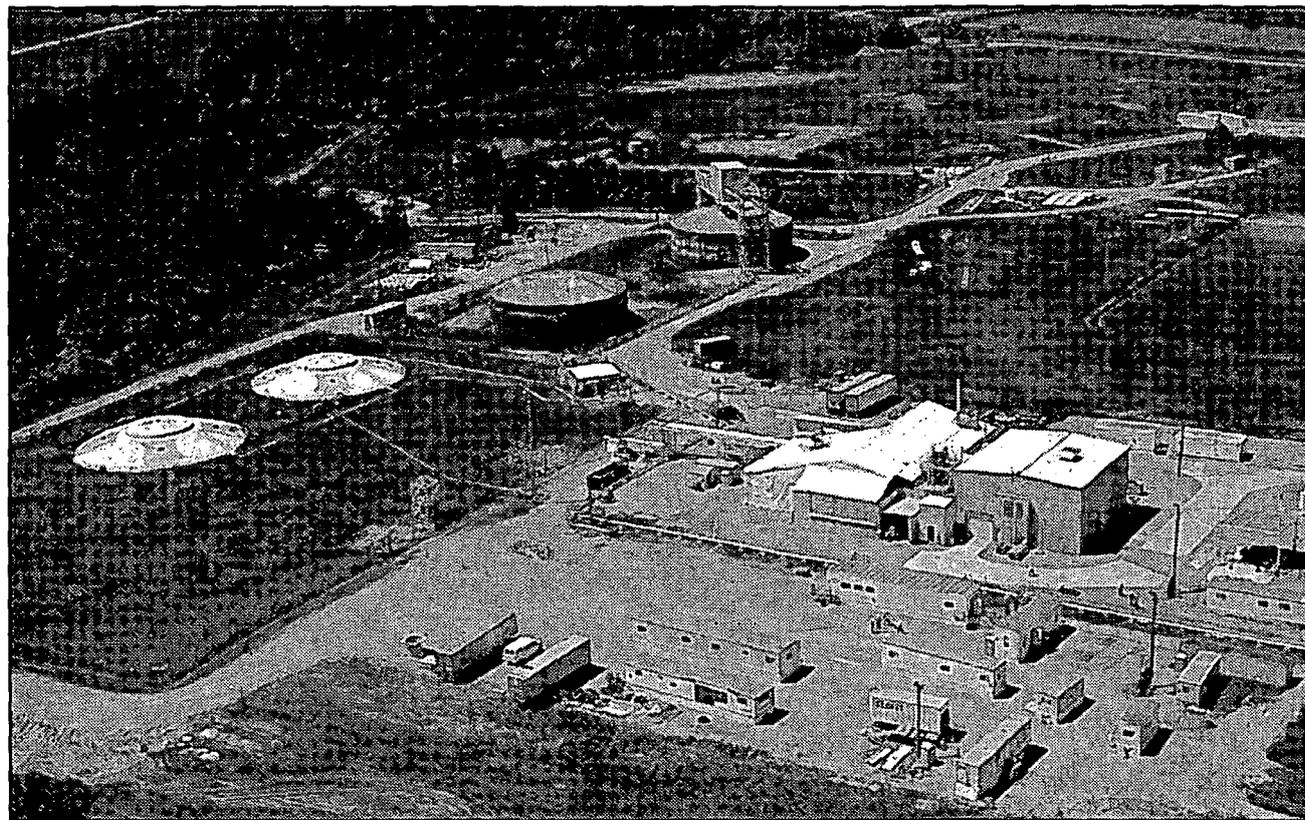
Fernald Report

April 1997

Public Workshop on Silos Project to be Held May 14

DOE will hold a public workshop on May 14, beginning at 7 p.m., at the Plantation in Harrison. The focus of the workshop will be the path forward for Silo 3 remediation. DOE and Fluor Daniel Fernald representatives will present various technological alternatives and will request feedback in determining the best path forward. The decision-making and associated public involvement process

for the remediation of Silo 3 will also be discussed. This workshop will be the first in a series of opportunities for the public to become involved with the new direction for the remediation of the FEMP's Silos Project. For more information, please call DOE-FEMP Public Information Director Gary Stegner, 513-648-3153.



On May 14, DOE will hold a public workshop to discuss the path forward for Silo 3 remediation (6385-142).

Soils, Water, Disposal Facility Meeting to be Held May 27

On May 27, at 7 p.m., DOE will hold a public workshop at the Plantation to discuss progress and issues regarding FEMP soils, water and the On-Site

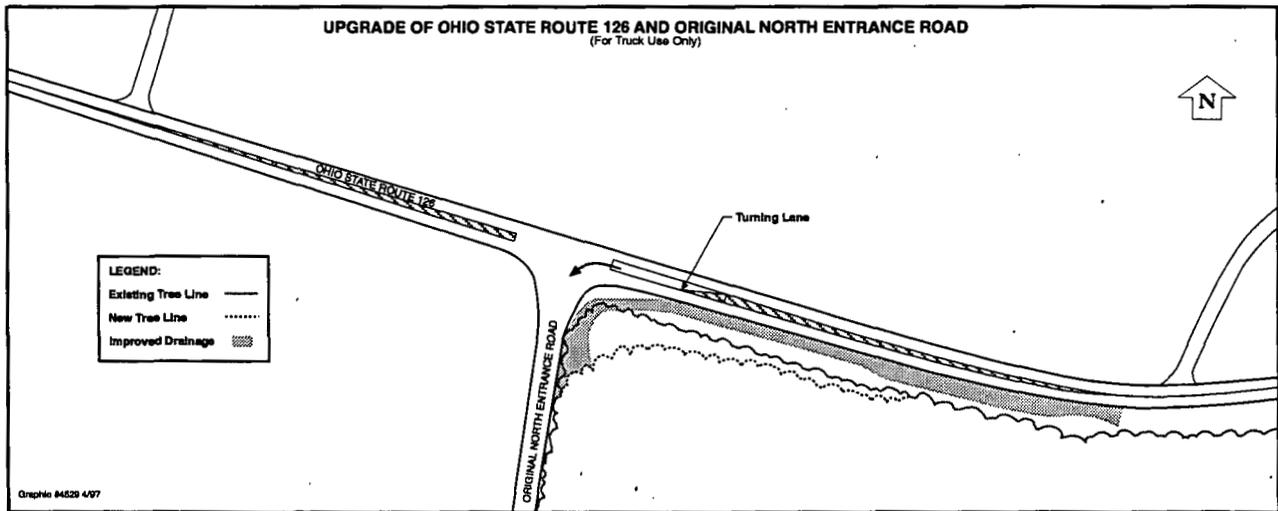
Disposal Facility. For more information, please call DOE-FEMP Public Information Officer Gary Stegner, 513-648-3153.



Most of the traffic along the Original North Entrance Road will support the Alternative Remedial Action Subcontracting Approach (ARASA) contractor. The ARASA contractor will begin to mobilize equipment for the cleanup of the waste pits in mid-1998, during which time approximately 75 to 100 trucks with equipment and material deliveries may use the Original North Entrance Road. These deliveries are expected to occur within a six-month period. The FEMP anticipates that the ARASA contractor will continue to use the Original North Entrance Road for periodic deliveries until the project is complete in mid-2005 (4529 Route 126 Upgrade).

Fernald Report April 1997

3



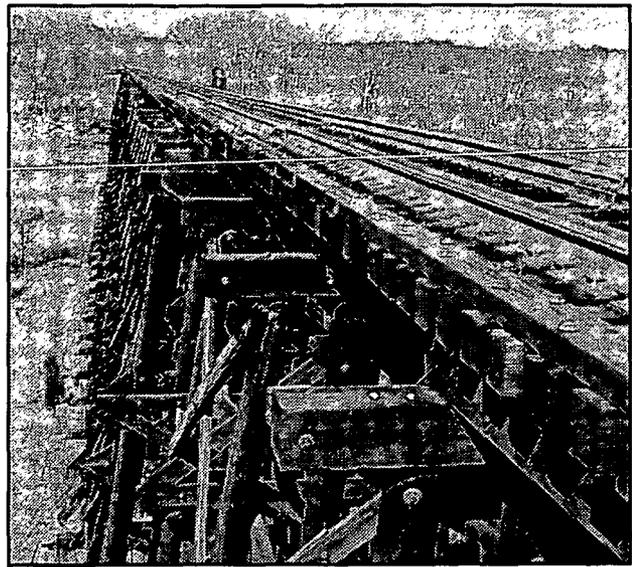
The turn lane for the Original North Entrance Road will essentially be a traffic island between the two lanes of through traffic. The Ohio Department of Transportation approved this arrangement because it provides the best safety condition for the reopening of the Original North Entrance Road and for traffic along State Route 126 (4529.1).

Okeana Train Trestle to be Refurbished

Representatives from Fluor Daniel Fernald, DOE, CSXT and Midwest Foundation Inc. recently conducted a pre-construction meeting to discuss the refurbishment of the Okeana railroad trestle and two other smaller trestles along the rail line from the FEMP to Cottage Grove, Ind. The upgrades are necessary to support the train traffic resulting from future Waste Pits Remedial Action Project (WPRAP) activities. Fluor Daniel Fernald has contracted with Midwest Foundation to upgrade the trestles. Because the trestle is owned by CSXT, its personnel will supervise construction of this project.

"I think the way this team is set up will be very effective," said Warren Hooper, Fluor Daniel Fernald WPRAP construction coach. "We were able to assemble all the expertise we need before the project even began, so we should be in good shape."

The project is scheduled to be completed in November 1997. "We are only replacing what is absolutely necessary to support the increased rail



The Okeana railroad trestle is being upgraded to support train traffic resulting from future Waste Pits Remedial Action Project activities (6349-565).

traffic," said Mike Jannelli, Fluor Daniel Fernald rail traffic team lead. "We will refurbish only 647 feet of the 847-foot-long Okeana trestle and perform minor upgrades to the other trestles, as required by CSXT."

Safe Shutdown Ahead of Schedule and Millions Under Budget



A Facilities Shutdown hazardous waste worker removes hold-up material from a dust collector in Plant 5 (6401-76).

On March 14, Safe Shutdown activities in Plant 5, the former Metals Production Plant, were completed 10 weeks ahead of schedule and more than \$1 million under budget. "This is a real credit to our team. We're very proud of this accomplishment," said Monty Morris, Fluor Daniel Fernald Facilities Shutdown program coach. Safe Shutdown activities include removing hold-up material from equipment and process lines and isolating utilities to prepare former production facilities for dismantling.

More than 172,000 pounds of hold-up material was removed from equipment and process lines in Plant 5. Operations in Plant 5 began in December 1995 and ended in March 1997.

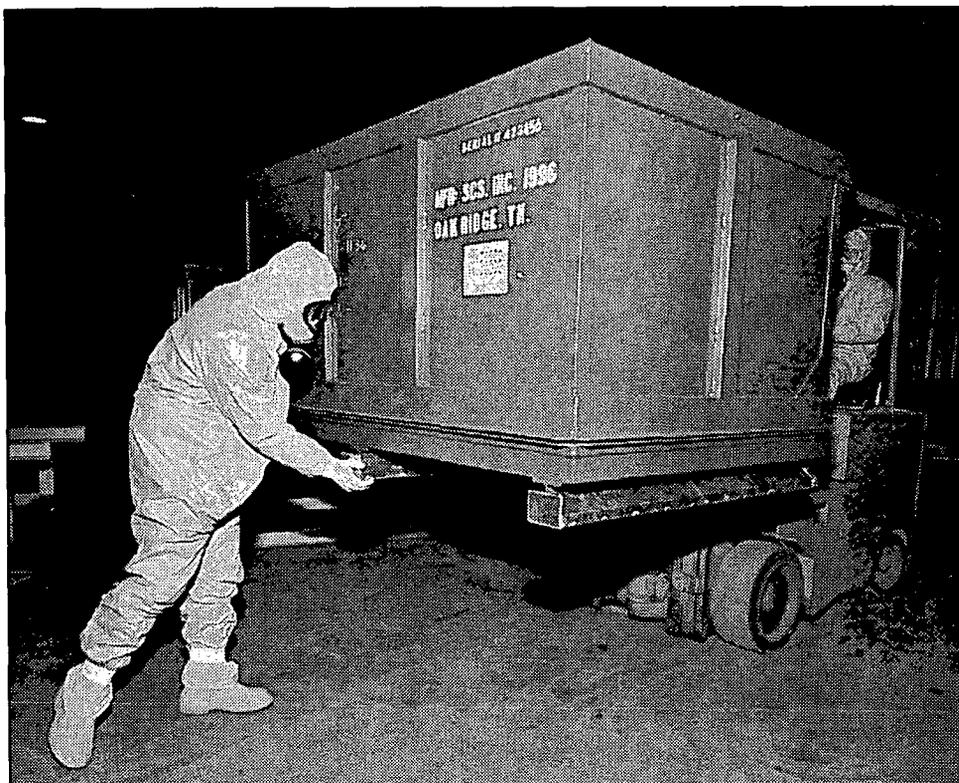
Safe Shutdown operations are ongoing in Plant 2/3, the former Ore Refinery Plant and Maintenance Building. Plant 3 activities are scheduled to be complete in September 1997; Plant 2 activities are scheduled for completion in July 1998.

DOE Issues Annual National Environmental Protection Act Planning Summary

The FEMP is currently "on hold" with respect to issuance of the *Environmental Assessment (EA) for the Disposition of Prehistoric Remains Associated with the Public Water Supply Project* (DOE/EA-1134). FEMP personnel are close to completing the Native American Graves Protection and Repatriation Act (NAGPRA) process with regard to cultural affiliation and claims made by the Miami Tribe of Oklahoma and the non-federal group Native Americans Alliance of Ohio. Burial of the remains on the FEMP site is being considered.

However, Ohio EPA may change the exact location of the on-site burial. Consistent with Ohio EPA counsel guidance, current plans include revising the EA and issuing a Finding of No Significant Impact for concurrent review by affected/interested parties. The target date for completion of the National Environmental Protection Act and NAGPRA review processes is either late spring or early summer 1997. No other EAs are anticipated to be prepared within the next 12 months, nor are any environmental impact statements anticipated to be prepared within the next 24 months.

Thorium Overpacking Is 75 Percent Complete



As of March 21, Thorium Overpacking Project workers were 75 percent finished with the project (6014-554).

Thorium Overpacking Project workers reached a major milestone on March 21 — the 4,200th drum was overpacked, marking 75 percent completion of the project!

As of March 28, a total of 4,436 drums had been packaged into 758 thorium overpacking containers since the project began May 6, 1996. During March, 64 thorium overpacking containers were shipped to the Nevada Test Site.

FEMP's Internet Site Provides Access to Up-to-Date Information on Projects and Activities

The FEMP's World Wide Web site on the Internet has been redesigned and updated. Computer users with Internet accounts and modems can access the FEMP's Web site by typing <http://www.fernald.gov> in the "location" field of their Web browsers ("location" field of Netscape Navigator or the "address" field of Microsoft Internet Explorer).

FEMP's Internet Web Site Content Highlights

Since the Internet is a dynamic medium, stakeholders are encouraged to visit the FEMP's Web site frequently for immediate access to the most up-to-date information about FEMP activities, issues and involvement opportunities. Detailed information about the following subjects is available on the FEMP's Web site.

- FEMP public involvement calendar, programs and organizations;
- FEMP-related news releases and FEMP publications, including back issues of the *Fernald Report*, and employee publication *Forward*;
- Fluor Daniel Fernald Training programs;
- FEMP Waste Management programs, including monthly waste shipping reports;
- Operable Units 1 through 5; FEMP Technology programs; and the Site Technology Coordination Group;
- FEMP history and chronological highlights;
- DOE Ohio Field Office and DOE Headquarters links; and
- Fluor Daniel Fernald history at the FEMP and links to Fluor Daniel's corporate Web site.

Stakeholders Invited to Provide Feedback on FEMP Web Site

In addition, by completing a special feedback form that is built into the FEMP's Web site, stakeholders can comment on the present content of the FEMP's Web site, as well as what they would like to see included in the future. For more information about the FEMP's Web site, please call DOE-FEMP Public Information Officer Gary Stegner, 513-648-3153, or send an e-mail to webmaster@fernald.gov via the Internet.

Section Designed for Stakeholders Who Want to be Involved

The FEMP's Web site includes a "Stakeholders" section, which contains specific information about upcoming public involvement programs and opportunities. For example, the "Stakeholders" section contains a "Public Involvement Calendar" which lists — in chronological order — the dates, times, and meeting locations of various activities including public meetings and workshops. The calendar is updated regularly as events are scheduled or changed. In addition, stakeholders can access FEMP-related news releases issued by the DOE-FEMP Office and Fluor Daniel Fernald since March 1997.

FEMP Participates in April 22 Earth Day Activities on Fountain Square

On April 22, FEMP representatives celebrated Earth Day with members of the Greater Cincinnati Earth Coalition on Fountain Square in downtown Cincinnati. The theme of this year's celebration, "Changing Perceptions," focused on educating

people by promoting environmentally friendly alternatives such as mass transit, natural landscaping, and unique waste solutions. The FEMP sponsored an exhibit in the "Solid Waste Solutions" section of the event.

National Academy of Sciences Reviews FEMP Technology Initiatives



Fluor Daniel Fernald Technology Programs representative Mark Peters (right) answers questions of Dr. Linda Wennerberg (left), who recently visited the FEMP on behalf of the National Academy of Sciences (6552-2).

On March 13 and March 14, Dr. Linda Wennerberg and Dr. Alfred Schneider, members of the National Academy of Sciences (NAS), visited the FEMP.

The Office of Science and Technology D&D Focus asked NAS to review the FEMP Large-Scale Technology Demonstration Project (LSTDP) and obtain detailed information about the successful demonstrations which have been conducted as part of the project.

The D&D Focus Area, based in Morgantown, W.VA., funded the project and requested an independent review of the project's effectiveness. Before concluding the FEMP tour, Wennerberg commented, "We are pleased with the openness and candor of the people at Fernald. We will take the information and make a report to the NAS committee. The full committee will then issue the final report on the D&D Focus Area's LSTDPs, including Fernald's."

Realtors Visit FEMP, Learn About Future Plans

On April 3, the Hamilton-Fairfield-Oxford Board of Realtors toured the FEMP and learned about the history of the site and future plans. This was the second Board of Realtors group that has visited the FEMP.

About 20 local real estate agents were given a FEMP overview by DOE Deputy Director Glenn Griffiths, followed by a detailed site tour with DOE Associate Director Johnny Reising.

Presentations by Fluor Daniel Fernald managers Steve Wentzel and Pat Kraps focused on future initiatives with local emergency response organizations and the FEMP's Environmental Monitoring Program.

DOE-FEMP Public Affairs Information Officer Gary Stegner spoke about the Community Reuse Organization, which will advise DOE on local economic development issues resulting from downsizing and eventual closure of the FEMP.



DOE-FEMP Deputy Director Glenn Griffiths briefed the Hamilton-Fairfield-Oxford Board of Realtors, who toured the FEMP April 3 (6559-4).

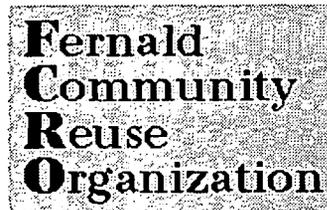
Team Evaluating Fluor Daniel Fernald Contract Extension

DOE Assistant Secretary for Environmental Management Al Alm has convened a panel to develop and evaluate options for the extension and/or recompetition of the current Fluor Daniel Fernald contract, which expires Nov. 30.

The panel includes representatives from the DOE Ohio Field Office, DOE Headquarters Office of Field Management and DOE Headquarters Procurement Organization. As more information becomes available, it will be published in future issues of the *Fernald Report*, as well as on the FEMP's Internet Web site (<http://www.fernald.gov>).

Community Reuse Organization Meet May 6

The Fernald Community Reuse Organization will meet May 6, at 7 p.m., at the Ross High School Media Center, 3425 Hamilton-Cleves Road. For more information, call 513-648-4168.



Public Comments Invited at May 10 Fernald Citizens Task Force Meeting

The next meeting of the Fernald Citizens Task Force will be held on Saturday, May 10, from 8:30 a.m. to 10:30 a.m., at the Alpha Building, Classroom D, 10967 Hamilton-Cleves Road. Topics to be discussed include an update on the Silos Project and cost and schedule issues.

In addition, the public will have an opportunity to comment. Following the meeting, the task force will tour the Fernald site with a focus on remediation projects underway. For more information, please call Sue Walpole, 513-648-4026.

Fernald Health Effects Subcommittee to Meet May 7 and 8

The Fernald Health Effects Subcommittee will meet May 7, from 1 p.m. to 9 p.m., and May 8, from 8:30 a.m. to 5 p.m., at the Plantation, 9660 Dry Ford Road in Harrison. The public is invited to attend. This committee is part of the Citizens Advisory Committee on Public Health Service Activities and Research at DOE sites. For more information, please call Steven Adams, Centers for Disease Control, 770-488-7611.



Technology Programs Personnel Invited to Discuss Achievements and Experiences

In early April, Fluor Daniel Fernald Technology Programs personnel traveled to Morgantown, W. Va., to present a Large-Scale Technology Demonstration (LSTD) project status. The presentation highlighted several accomplishments that have been achieved during the LSTD. The

American Society of Mechanical Engineers (ASME) then conducted a detailed peer review of the project. Initial feedback from the ASME was very positive and the final results are expected by late April.

DOE Under Secretary Tom Grumbly Resigns

On March 24, DOE Secretary Federico Peña issued a statement regarding Under Secretary Tom Grumbly's resignation. "Perhaps Tom's most lasting contribution is his work with the communities near DOE sites," Peña said. "Under his watch, the department began including the public in decision-making about our sites and their

communities — changing a decades-old culture based on secrecy. We will miss his leadership and wish him all the best." Grumbly was the third-ranking official at the Department of Energy (DOE) and has served at DOE since June 1993. He became Under Secretary of Energy in May 1996.

DOE Secretary Peña Names Key Staff

DOE Secretary Federico Peña has announced new staff to fill key positions. Elgie Holstein will serve as DOE's chief of staff. Elizabeth A. Montoya has been named deputy chief of staff. Brooke Anderson will serve as director of public affairs. In addition, two special assistants from within DOE program offices will join Secretary Peña's staff — Anna Pulido Ferrera and Leigh A. Slaughter. Peña also named John C. Angell and Tom Vellenga as senior policy advisors. Dan Reicher and Kyle Simpson will join Peña's staff as senior policy advisors.

"The collective talent and experience of this team will ensure that the agency successfully implements my priorities and continues to meet its commitments to President Clinton and the American people," Peña said. "This team reflects my priorities for diverse leadership and proven experience. I appreciate their willingness to continue in public service."

Moler to be Nominated as DOE Deputy Secretary
President Bill Clinton intends to nominate Elizabeth Moler as DOE deputy secretary and will serve as chief operating officer. Moler is presently chair of the Federal Energy Regulatory Commission (FERC). Prior to joining FERC in 1988, she served as senior counsel to the Senate Energy and Natural Resources Committee and worked for the late Senator Henry M. Jackson and Senator J. Bennett Johnston.

For more information about Peña's key staff members and other DOE staff appointments, visit DOE Headquarters' news releases Web page on the Internet (<http://www.doe.gov/html/doe/whatsnew/pressrel/pr97016.html>).

FEMP Donates Coal to Cincinnati Public Schools

What would you do with 178 tons of coal? That was the question facing the FEMP as the switch was made from a coal-fired boiler to a gas-fired boiler. Through the FEMP excess equipment donation program, a home for the coal was found in the Cincinnati Public Schools System. Four schools within the city still use coal as fuel and gratefully accepted the donation. It was no small feat to move so much coal, but over a few days, the coal was moved off site and put to use. In addition, during March, 16 schools and non-profit organizations received nearly 200 pieces of equipment such as computers, printers, calculators and typewriters.



Four schools within the Cincinnati Public Schools System will use the 178 tons of coal donated by the FEMP (6550-2).

FEMP Produces Video for American Red Cross

March was "Red Cross Month," and Fluor Daniel Fernald assisted the Hamilton Area Chapter by producing a six-minute video titled "Help Can't Wait," which was shown at the organization's 80th

anniversary luncheon. The video contained footage from national and local disasters and the American Red Cross' efforts to bring relief to the victims.

Fluor Daniel Fernald Corporate Contributions for March

The Corporate Contributions Program was developed to offer financial assistance to townships, groups, organizations, schools, and clubs located within the FEMP community as part of the Fluor Daniel Fernald good-neighbor policy and in the spirit of community service and support.

Education — \$1,658

- Buses for Morgan Elementary students to visit Cincinnati Gas & Electric
- Hamilton County Soil and Water Conservation District Waterfest at the University of Cincinnati
- Junior Achievement of Greater Cincinnati

Health and Human Services — \$1,834

- American Red Cross, Hamilton Chapter
- Clippard YMCA
- American Red-Cross Flood Relief

Civic — \$1,160

- Colerain Township Business Association
- Middletown Jaycees
- Girl Scouts
- Three baseball teams

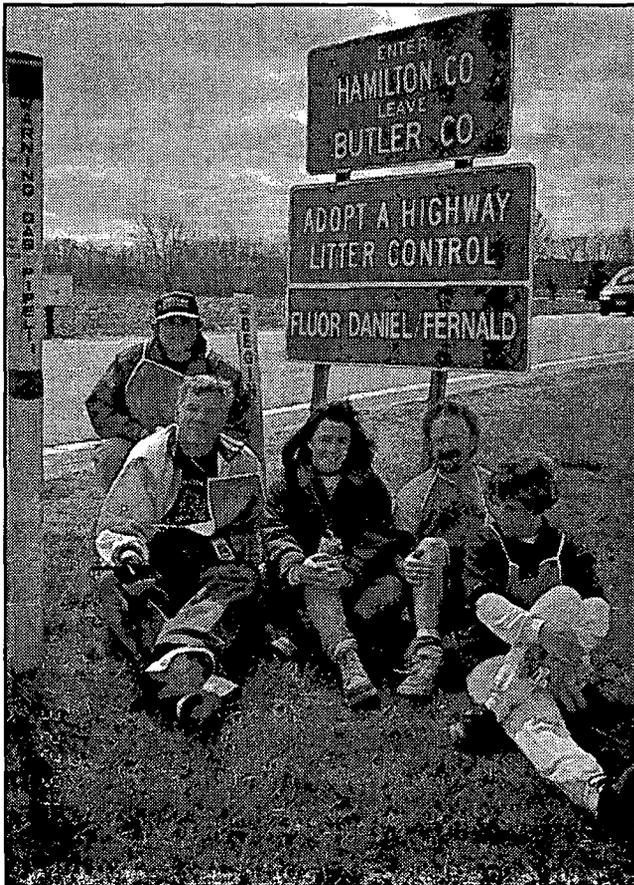


Kevin Kenney, Greater Hamilton Safety Council (far right) presents safety awards to Fluor Daniel Fernald representatives (from left) Chuck Little, Barry Ko, Stu Hinnefeld and Steve Wentzel (6563-6).

Fluor Daniel Fernald Receives Safety Awards

On April 9, the Greater Hamilton Safety Council presented Fluor Daniel Fernald five safety awards, including the "President's Award" for member companies which accrued more than 750,000 safe work hours during 1996. The Ohio Bureau of Workers Compensation also awarded Fluor Daniel Fernald four awards — the Group Award, the 100 Percent Award, the Achievement Award, and the Special Award. These awards were for special achievements, including improvement in safety performance from the previous year, no lost days away from work, and a reduction in the number of recordables injuries. Fluor Daniel Fernald was one of more than 30 companies recognized for its safety achievements in southwest Ohio.

FEMP Employees Keep Highway Stretch Clean



Adopt-A-Highway volunteers who picked up trash along State Route 128 on March 22 were, from left: Carla Fultz, Ed Zobrist, Leslie Williams, D.Q. Benedikt, and Connie Kidd (6484-25).

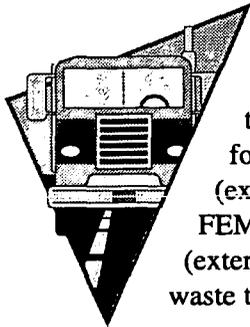
On March 22, Fluor Daniel Fernald employees D.Q. Benedikt, Carla Fultz, Connie Kidd, Sherry Webb, Leslie Williams and Ed Zobrist patrolled Fluor Daniel Fernald's adopted 1.2-mile stretch of State Route 128, south of Ross, for litter. The volunteers collected approximately 36 bags of trash. The next Adopt-a-Highway event will be in late June or early July.

FEMP Employees Serve Local Science Fairs

On March 4 and March 6, nine FEMP employees judged more than 500 projects at Madeira Junior and Senior High School. Project categories included behavioral science, biochemistry, environmental science, engineering, mathematics, physics and zoology.

Twenty-two FEMP employees judged the Hopewell Junior High School Science Fair, held March 18. The volunteers judged 330 different projects ranging in categories including botany, earth science, consumer projects, animal psychology and chemistry.

FEMP Waste Shipping Report



The volume, in cubic feet (cf), of low-level radioactive waste shipped to the Nevada Test Site (NTS) for March 1997 was 22,410 (external). As of March 28, the FEMP has shipped 123,720 cf (external) of low-level radioactive waste to NTS for fiscal year 1997.

Low-level radioactive waste volume reduction includes approximately 2,388 containers of legacy low-level uranium residue and 3,064 containers of thorium oxalates/hydroxides identified in *FY 1996 Inventory Reduction Plan for Legacy Wastes at the FEMP*.

During fiscal year 1997, the FEMP will direct efforts toward reducing legacy uranium residue and asbestos inventories, as well as the thorium oxalate/hydroxide inventory in Building 65.

The volume of low-level radioactive waste materials per waste stream shipped to NTS in March 1997 follows:

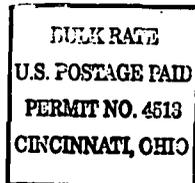
<u>Waste Stream</u>	<u>External Vol. (cf)</u>
Process Area Scrap	0
Thorium Residues	5,943
Contaminated Trash	15,347
Construction	0
Stabilized Mixed Waste	0
	1,120

The volume of low-level radioactive waste materials per waste stream shipped to NTS during fiscal year 1997 (as of March 28, 1997) follows:

<u>Waste Stream</u>	<u>External Vol. (cf)</u>
Process Area Scrap	1,109
Thorium Residues	65,644
Contaminated Trash	43,034
Construction	7,567
Stabilized Mixed Waste	4,126
	2,240

Fernald Report

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