



# FRIDAY MAILING

6/26/98

## INCLUDED IN THIS FRIDAY MAILING:

- Newsclippings

## CAB MEETINGS:

- OFF-SITE COMMITTEE MEETING:** The Off-Site Committee of the Fernald Citizens Advisory Board will meet on Monday, July 13, 1998, at 6:00 p.m. in the Alpha Building Classroom A.
- EFFICIENCY COMMITTEE MEETING:** The next meeting of the Efficiency Committee of the Fernald Citizens Advisory Board will be on Monday, July 13, 1998, at 7:15 p.m. in the Alpha Building Classroom A.
- FERNALD CITIZENS ADVISORY BOARD:** The Fernald Citizens Advisory Board will meet on Wednesday, July 15, 1998 at 6:30 p.m. at Dante's Restaurant (I-74 and Rybolt Road). Please note this is a special dinner meeting in honor of John Applegate's service as Chair. The cost of the dinner for CAB members is \$15.00, which includes gratuity and a contribution for a gift for John. Please RSVP to the CAB office by July 8, 1998.

## OTHER MEETINGS:

- MONTHLY PROGRESS BRIEFING:** The July Monthly Progress Briefing will be held on Tuesday, July 14, 1998, at 6:00 p.m. on the Fernald site in the Services Building Conference Room.

## QUESTIONS:

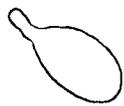
Please call John at [redacted] or Doug at [redacted] with questions or concerns. You may also fax or e-mail us at:

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PLEASE NOTE LOCATION



June 15, 1998

Complex Weapons Monitor

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"Fluor Daniel Fernald Awards Contracts for Silos Project"

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## FLUOR DANIEL FERNALD AWARDS CONTRACTS FOR SILOS PROJECT

Fluor Daniel Fernald last week awarded one-year proof-of-principle contracts to four companies to test technologies that might be used to treat radioactive residues from Silos 1 and 2. The testing will be conducted at the vendors' facilities using nonradioactive surrogate material with the same physical and chemical characteristics as the residues in the silos. The primary radioactive component in the silo waste is radium. After the year-long test phase, each company will submit a report summarizing the test results, which will include specific information about the safety, reliability, implementability, cost and schedule for each technology. The contracts were awarded two months ahead of schedule.

Fluor Daniel Hanford awarded a \$1.9 million contract to EnVitco of Toledo, Ohio to test Joule-heated vitrification; a \$1.3 million contract to Vortec Corp. to test other types of vitrification; a \$576,000 contract to Chem-Nuclear of Columbia, S.C. to test chemical stabilization; and a \$305,000 contract to IT Corp. of Monroeville, Penn., to test cement-based chemical stabilization. The silo waste originally was to have been vitrified along with chemically different waste from a third silo, but technical difficulties in mixing the different waste streams so complicated the procedure that the original plan was abandoned. The Silo 3 waste will now be treated separately. A request for proposals for treatment of that waste was issued May 13 via the internet (*WC Monitor*, Vol. 9 No. 21). ◀

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May 25, 1998

Weapons Complex Monitor

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"Fernald Silo Waste Transfer Procurement out Soon"

### FERNALD SILO WASTE TRANSFER PROCUREMENT OUT SOON

A procurement to select a contractor for the design, construction, testing, technical oversight and operation of a system to move waste from Silos 1 and 2 at Fernald to a transfer tank is expected to be issued in June according to Fluor Daniel Fernald officials. Known as the "Accelerated Waste Retirement Project," Fluor Daniel managers speaking at the "First Annual DOE-Ohio Business Forum" coordinated by the *Weapons Complex Monitor*, said the work "will require a contractor with the ability to construct tanks, monitor radioactive emissions, and remove the waste to new tanks. The awarding is to be a firm-fixed price contract that will be awarded for the total amount and then funded incrementally by phases of work. Payment for work will be done in different ways depending on the nature of the work. Some work, particularly design work, will be paid based on delivery of a specific milestone. Construction work will be reimbursed on a progress payment basis. The award is expected to be made in January 1999 and is expected to be valued in the \$30 million range. The AWR project was deemed necessary after site officials decided to seek alternative technologies to remove and treat the waste from the Silos 1 and 2 following the decision not proceed with vitrification (*WC Monitor*, Vol. 9 Nos. 8 & 9). ◀

**THE TOP 100 DESIGN-BUILD FIRMS**

RANK BY RANK	FIRM	TOTAL	INTERNATIONAL	1997 RANK	
1	Bachtel Group Inc., San Francisco, Calif.	9,380.0	3,004.0	6,316.0	1
2	Fluor Daniel Inc., Irvine, Calif.	7,388.0	3,198.0	4,200.0	2
3	McDermott International Inc., New Orleans, La.	1,620.7	694.9	925.8	4
4	Foster Wheeler Corp., Clinton, N.J.	1,620.7	808.8	1,014.9	8
5	Raytheon Engineers & Constructors Int'l, Lexington, Mass.	1,378.0	688.0	710.0	5
6	The M.W. Kellogg Co., Houston, Texas	1,308.8	307.1	1,001.4	7
7	Black & Veatch, Kansas City, Mo.	1,157.0	382.0	775.0	10
8	ABB Lummus Global Inc., Bloomfield, N.J.	1,131.1	314.8	816.3	9
9	Stone & Webster, Boston, Mass.	888.0	184.0	488.0	11
10	Chicago Bridge & Iron Co., Plainfield, Ill.	633.0	285.0	348.0	13
11	Opus Group of Cos., Milan, Milan	589.8	589.8	.0	17
12	Brown & Root Inc., Houston, Texas	485.0	241.0	244.0	9
13	The Greiner Group, Tampa, Fla.	461.0	291.0	180.0	12
14	BE&K Inc., Birmingham, Ala.	405.0	354.0	51.0	38
15	Murrell Curran Associates Inc., Las Vegas, Nev.	388.0	388.0	.0	20
16	Carlson Design/Construct Corp., Atlanta, Ga.	348.2	348.2	.0	19
17	The Austin Co., Cleveland, Ohio	331.3	300.9	30.4	*
18	OC America Construction Inc., Los Angeles, Calif.	328.3	328.3	.0	65
19	The Heakell Co., Jacksonville, Fla.	313.3	304.0	9.3	22
20	The Turner Corp., New York, N.Y.	302.8	302.8	.0	46
21	Morrison Knudsen Corp., Boise, Idaho	285.0	285.0	40.0	39
22	The Walsh Group, Chicago, Ill.	288.1	288.1	.0	24
23	H&M/McDermott, Chicago, Ill.	283.2	280.2	3.0	*
24	International Technology Corp., Monroeville, Pa.	275.0	275.0	.0	25
25	Clack Corp., Pittsburgh, Pa.	272.0	188.0	117.0	35
26	HBE Corp., St. Louis, Mo.	268.5	268.5	.0	27
27	Kiewit Construction Group Inc., Omaha, Neb.	243.2	162.5	80.7	28
28	KTI Corp., San Olman, Calif.	237.0	79.0	188.0	29
29	The Stellar Group, Jacksonville, Fla.	228.0	214.0	10.0	31
30	The Clark Const. Group Inc., Bethesda, Md.	212.0	212.0	.0	68
31	Skanska (USA) Inc., Greenwich, Conn.	204.0	204.0	.0	87
32	James H. Gray Co., Lexington, Ky.	196.0	196.0	.0	41
33	Pitt-Oss Malina Inc., Pittsburgh, Pa.	188.9	184.3	38.8	21
34	Parsons Corp., Pasadena, Calif.	182.0	182.0	78.0	18
35	HK System Inc., New Berlin, Wis.	180.3	169.3	11.0	69
36	Sverdrup Corp., Maryland Heights, Mo.	180.1	181.0	28.0	51
37	Marshall Erdman & Associates Inc., Madison, Wis.	175.0	175.0	.0	37
38	ICF Kaiser International Inc., Fairfax, Va.	174.0	88.1	87.9	34
39	Ryan Cos. US Inc., Minneapolis, Minn.	164.0	164.0	.0	43
40	Clayco Construction Co., St. Louis, Mo.	157.8	157.8	.0	54
41	Hunt Building Corp., El Paso, Texas	154.9	154.9	.0	38
42	PCI Enterprises Inc., Denver, Colo.	152.0	85.0	67.0	30
43	Kajima Construction Services Inc., Englewood Cliffs, N.J.	150.0	150.0	.0	18
44	Devcon Construction Inc., Milpitas, Calif.	140.0	140.0	.0	16
45	The Moshare Cos., Rosemont, Ill.	138.8	138.8	.0	100
46	Bovis Inc., New York, N.Y.	136.6	138.0	.0	42
47	Big-O Construction Corp., Ogden, Utah	132.0	132.0	.0	53
48	Earth Tech Inc., Long Beach, Calif.	128.9	45.0	83.9	*
49	Holder Corp., Atlanta, Ga.	128.1	128.1	.0	28
50	The Facility Group Inc., Brynna, Ga.	127.0	127.0	.0	42

RANK BY RANK	FIRM	TOTAL	INTERNATIONAL	1997 RANK	
51	NEPCO, Redmond, Wash.	1121.5	82.9	68.0	*
52	KUMAR Cos. Inc., Sioux City, Iowa	118.8	118.8	.0	47
53	Hathaway Dinwiddie Construction Group, Santa Clara, Calif.	114.0	114.0	.0	92
54	J.S. Alberici Const. Co. Inc., St. Louis, Mo.	112.9	82.9	58.0	68
55	The Walsh/Libbe Cos. Inc., Walbridge, Ohio	111.0	111.0	.0	86
56	The Whiting-Turner Contracting Co., Baltimore, Md.	108.0	108.0	.0	83
57	J.A. Jones Inc., Charlotte, N.C.	100.0	79.0	21.0	73
58	Heenan Phelps Construction Co., Greeley, Colo.	97.8	97.8	.0	78
59	Ray Anderson Corp., Gulfport, Miss.	95.5	95.5	.0	90
60	Greiner, Greenwood, Ill.	94.0	94.0	.0	81
61	Layton Construction Co. Inc., Sandy, Utah	82.5	82.5	.0	72
62	Elshamy Holdings Inc., Pittsburgh, Pa.	80.0	80.0	.0	91
63	Perini Corp., Framingham, Mass.	80.0	80.0	.0	58
64	The Weisman Co., Fort Collins, Colo.	88.2	88.2	.0	66
65	Landsart Organization Inc., Abotts, Texas	85.1	85.1	.0	64
66	Frank Messer & Sons Construction Co., Cincinnati, Ohio	84.9	84.9	.0	84
67	Huber, Hunt and Nichols Inc., Indianapolis, Ind.	84.0	84.0	.0	80
68	John S. Clark Co. Inc., Walnut Ridge, N.C.	82.1	82.1	.0	70
69	Dallas Construction Co., Richardson, Texas	81.4	81.4	.0	*
70	Choate Construction Co., Marietta, Ga.	81.0	81.0	.0	44
71	Northam Improvement Co., Fargo, N.D.	78.0	78.0	.0	*
72	M.B. Kahn Const. Co. Inc., Columbia, S.C.	75.7	75.7	.0	74
73	Shodt Corp., Tucson, Ariz.	69.9	59.8	10.8	56
74	Ellis-Oss Construction Inc., Livonia, Mich.	69.8	6.0	64.8	85
75	United Construction Co., Rose, Nev.	68.8	68.8	.0	*
76	O'Donoghue Construction Holdings Inc., Pleasanton, Calif.	62.0	62.0	.0	*
77	Barton Malow Co., Southfield, Mich.	60.0	60.0	.0	*
78	Walton Construction Co. Inc., Kansas City, Mo.	59.0	59.0	.0	*
79	Hartline Builders Inc., Silver Spring, Md.	58.3	58.3	.0	89
80	Korco Construction Co., St. Louis, Mo.	56.0	56.0	.0	*
81	Kierbaum Construction Corp., Lincolnshire, Ill.	55.2	55.2	.0	80
82	CENTEX, Dallas, Texas	55.0	55.0	.0	86
83	Granta Construction Inc., Watsonville, Calif.	55.0	55.0	.0	62
84	Miller Building Corp., Wilmington, N.C.	54.3	54.3	.0	*
85	Bartler Construction, Kansas City, Mo.	54.0	54.0	.0	59
86	Ioberg Inc., Hopkins, Minn.	51.5	33.0	18.5	87
87	Dan Yee Construction Co. Inc., Ada, Mich.	50.0	50.0	.0	81
88	Radiron Structures Co. LLC, Longmont, Colo.	50.0	50.0	.0	*
89	Swinerton Inc., San Francisco, Calif.	50.0	50.0	.0	82
90	Fro-Co Construction Corp., Baldwin, Mo.	50.0	50.0	.0	*
91	Eby Corp., Wichita, Kan.	48.8	48.8	.0	*
92	Day & Zimmermann International Inc., Philadelphia, Pa.	45.0	45.0	.0	*
93	Massary Const. Co. LP, Pittsburgh, Pa.	46.0	45.0	.0	*
94	Kinney Construction Inc., York, Pa.	43.7	43.7	.0	*
95	Bateman Engineering Inc., Denver, Colo.	43.2	18.0	24.2	*
96	Redden Building Co., North Attleboro, Mass.	41.0	41.0	.0	*
97	Tutor-Saliba Corp., Sylmar, Calif.	41.0	41.0	.0	84
98	McCarthy, St. Louis, Mo.	40.0	40.0	.0	*
99	The PFI Group of Cos., Memphis, Tenn.	40.0	40.0	.0	*
100	Restonkash Engineering Inc., Knoxville, Tenn.	37.8	37.8	.0	*

\* denotes design-build contracts where the project is designed by employees of the firm or joint venture partner and built by its own force or subcontractors under the

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CONSTRUCTION MANAGEMENT-FOR-FEE

THE TOP 100 CM FIRMS

RANK	FIRM	TYPE	1997 REVENUE (\$ MIL)	1997 RANK
1	Foster Wheeler Corp., Clinton, N.J.	EC	647.2	2
2	Fluor Daniel Inc., Irvine, Calif.	EC	345.0	11
3	DRAM Hill Corp. Ltd., Denver, Colo.	EC	310.2	8
4	Haython Engineers & Constructors Int'l., Lexington, Mass.	EC	288.0	3
5	Bushnell Group Inc., San Francisco, Calif.	EC	254.0	7
6	The Kiewit Group, Tampa, Fla.	EC	216.0	5
7	The M.W. Kellogg Co., Houston, Texas	EC	204.8	4
8	Parsons Brinckerhoff Inc., New York, N.Y.	EC	191.0	9
9	Morrison Knudsen Corp., Boise, Idaho	EC	181.0	10
10	10F Kitcher International Inc., Fairfax, Va.	EC	183.7	15
11	Boyle Inc., New York, N.Y.	C	158.8	7
12	Huber, Hunt and Nichols Inc., Indianapolis, Ind.	C	137.0	8
13	Parsons Brinckerhoff Inc., New York, N.Y.	D	133.0	17
14	Earl Toth Inc., Long Beach, Calif.	EC	128.8	39
15	Urs Corp., San Francisco, Calif.	CM	114.5	19
16	Tishman Construction Corp., New York, N.Y.	CM	100.4	21
17	Rust Erection & Infrastructure, Oak Brook, Ill.	D	88.5	24
18	Beverly Corp., Maryland Heights, Mo.	EC	82.2	18
19	Ad Corroding Co. Inc., New York, N.Y.	C	81.0	20
20	Daniel, Mann, Johnson, & Mendenhall	EC	78.0	26
21	Hay International Inc., Atlanta, Ga.	D	70.0	23
22	Dug & Zimmerman International Inc., Philadelphia, Pa.	EC	68.8	28
23	Montgomery Watson Inc., Pasadena, Calif.	EC	64.0	25
24	Nadian International LLC, Austin, Texas	EC	62.0	0
25	The Turner Corp., New York, N.Y.	C	48.1	22
26	URS Greiner Woodward-Clyde	D	48.0	31
27	Brown & Root Inc., Houston, Texas	EC	42.0	16
28	Brinckerhoff Corp., Newport Beach, Calif.	C	38.0	0
29	Harcz Engineering Co., Chicago, Ill.	D	36.7	21.9
30	The PWB Corp., Miami, Fla.	D	36.0	0
31	HNI International Inc., Williamstown, N.J.	CM	35.5	14.2
32	Harcourts Inc., Atlanta, Ga.	CM	33.1	14.0
33	Morse Diesel International Inc., New York, N.Y.	C	28.0	0
34	Harris & Lawrence Inc., Concord, Calif.	D	28.7	0
35	The Hinch & Martin Group, Birmingham, Ala.	C	28.5	0
36	Lockwood Greene Engineers Inc., Broomfield, Colo.	D	28.0	0
37	Gilbane Building Co., Providence, R.I.	C	24.2	0
38	30/International Inc., Houston, Texas	D	21.2	0
39	Yonli, Beaumont, Calif.	CM	18.4	0
40	H&M/McClain, Chicago, Ill.	C	18.0	0
41	J.A. Jones Inc., Charlotte, N.C.	C	16.0	4.0
42	Skanska (USA) Inc., Greenwich, Conn.	C	16.0	0
43	The Lico Group, Ayerett, N.Y.	D	16.0	0
44	GENTEX, Dallas, Texas	EC	15.8	0
45	Johnson Garter Inc., Phoenix, Ariz.	C	15.7	0
46	K & M Engineering & Consulting Corp., Washington, D.C.	CM	15.4	13.2
47	Fort/Hunter Inc., New York, N.Y.	C	15.0	1.6
48	Agrius Corp., Dallas, Texas	D	14.8	0
49	Carlisle Engineers, Santa Ana, Calif.	D	13.0	0
50	Law Engineering & Environmental Services Inc., Lancaster, Pa.	D	12.5	54
51	The Facility Group Inc., Smyrna, Ga.	EC	12.3	8.8
52	Dupont Delmars Inc., Indianapolis, Ind.	C	12.0	0
53	Burns & Webster Boston, Mass.	EC	12.0	0
54	Urban Engineers Inc., Philadelphia, Pa.	D	12.0	0
55	Kitchell Corp., Phoenix, Ariz.	C	10.8	0
56	Barton Malow Co., Detroit, Mich.	C	10.8	0
57	Borwell Engineering Inc., North Hattiesburg, Miss.	C	10.7	8
58	Boch Hesterman, N.J.	D	10.8	0
59	JDM Group, Los Angeles, Calif.	CM	10.4	8
60	Lea-Elliott Inc., Arlington, Texas	CM	10.1	2.0
61	Chazen Construction Co., Phoenix, Ariz.	C	10.0	0
62	Chimelli Construction Co., Buffalo, N.Y.	C	10.0	0
63	Dick Corp., Pittsburgh, Pa.	C	10.0	0
64	Don Todt Associates Inc., San Francisco, Calif.	CM	10.0	0
65	The Steiner Group, Jacksonville, Fla.	EC	10.0	10.0
66	H.J. Brown & Co., Atlanta, Ga.	C	9.5	0
67	Harbor Constructors Inc., Kaparville, Ill.	C	8.8	0
68	The Skidmore Corp., Indianapolis, Ind.	CM	8.8	0
69	The George Sollitt Const. Co., Wood Dale, Ill.	C	8.5	0
70	MHC Construction Ltd., Irvine, Calif.	C	8.1	0
71	Lester Group Inc., San Francisco, Calif.	CM	8.0	0
72	Elkley Holdings Inc., Pittsburgh, Pa.	EC	8.0	0
73	The Beamon Cos., Oklahoma City, Okla.	EC	8.0	0
74	M.A. Harrison Co., Minneapolis, Minn.	C	7.8	0
75	Fre-Cap Construction Corp., Baltimore, Md.	C	7.4	2
76	MARAG Facilities Group, Arlington, Va.	CM	7.2	3
77	Rich Tech Inc., Pasadena, Calif.	ENV	7.1	0
78	Barnett Fleming Inc., Harrisburg, Pa.	D	6.8	1
79	Pitt-Des Moines Inc., Pittsburgh, Pa.	EC	6.5	6.3
80	EAJ Constructors & Construction Managers, Minneapolis, Minn.	CM	6.2	0
81	TBS Consultants Inc., San Ramon, Calif.	CM	6.2	0
82	Bohannan Construction Corp., New York, N.Y.	C	6.1	0
83	Burns & McDonnell Engrs-Archts-Consultants, Kansas City, Mo.	D	6.0	1
84	L.S. Albert Const. Co. Inc., St. Louis, Mo.	C	6.0	6.0
85	Medonough Bolvard Park, Fairfax, Va.	CM	5.9	0
86	Harpold Construction Management Inc., Harrisburg, Pa.	CM	5.8	0
87	Hensel Phelps Construction Co., Greeley, Colo.	C	6.7	0
88	Fuqua Corp., New Haven, Conn.	C	5.8	0
89	Hardin Construction Group Inc., Atlanta, Ga.	C	5.6	0
90	The Manor Corp., Columbus, Ohio	C	5.6	0
91	Elmco Baker, Minneapolis, Minn.	EC	5.5	0
92	Kaith and Schantz P.A., Fort Lauderdale, Fla.	ENV	5.3	0
93	Hayden Wegman Inc., New York, N.Y.	D	5.2	0
94	American Bridge Co., Pittsburgh, Pa.	C	5.0	0
95	Bartfield Construction Co. Inc., Loveland, Ohio	C	5.0	0
96	M.B. Kahn Construction Co. Inc., Columbia, S.C.	C	4.9	0
97	Abida International Inc., San Francisco, Calif.	CM	4.8	0
98	Ecology and Environment Inc., Lancaster, N.Y.	EC	4.8	2.0
99	Lusk & Farley Architects and Engineers, Louisville, Ky.	D	4.8	0
100	Berry, Bette & Led Duke Inc., Albany, N.Y.	C	4.8	0

TYPE: EC=Engineering-Construction; ENV=Environmental; CM=Construction Management; D=Design; C=Construction; EC+D=Engineering-Construction-Design

TYPE: 1997 REVENUE (\$ MIL); 1997 RANK

June 15, 1998

Inside Energy

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"Court Nixes Fluor Daniel Complaint Against Hanford Whistleblowers"

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## COURT NIXES FLUOR DANIEL COMPLAINT AGAINST HANFORD WHISTLEBLOWERS

Seven whistleblowers at the Hanford Site won a legal victory last week as the U.S. District Court in Spokane, Wash., ruled that they had not violated a settlement with a Fluor Daniel subsidiary at the DOE facility.

Judge Fred Van Sickle on Tuesday rejected a complaint by Fluor Daniel Northwest involving seven of its pipefitters, whom the company claimed violated the settlement by filing union complaints against three

other Fluor workers who had participated in the whistleblower investigation.

As a result of Van Sickle's decision, the court is expected to release to the seven pipefitters \$334,000 in damages that Fluor agreed to pay them under the settlement, which was reached in February. The money has been held by the court since Fluor sued in April, claiming the pipefitters' had breached the settlement by filing the union complaints.

The judge's decision was hailed by an attorney for the Government Accountability Project (GAP) who represented the pipefitters. "Once again, Hanford managers have wasted taxpayer money by filing frivolous litigation against whistleblowers, reemphasizing their hostility towards their own employees who raise safety and health complaints," Alene Anderson said in a statement issued by the group Tuesday.

Fluor Daniel Northwest, which provides engineering and construction services to Fluor Daniel Hanford Inc., DOE's manager at Hanford, and other contractors at the site, said it was "disappointed" by the court ruling. "We had negotiated, in good faith, a settlement agreement which we believed was clear in its intent to end ALL claims related to this matter, including any which might be filed separately against our employees," the company said in a statement Tuesday.

The pipefitters filed whistleblower discrimination complaints with the Labor Dept., alleging illegal reprisals by Fluor against them because they had disclosed safety and health violations at Hanford. The Labor Dept. agreed with their complaints. Fluor appealed, but then settled with the workers a day before a judge was scheduled to hear the case.

Fluor, which admitted no fault, agreed to reinstate the pipefitters to their jobs and to pay them a total of \$334,000 in damages and attorney fees. Soon after, according to GAP, the workers filed an internal union complaint against three union members regarding their conduct during the investigation. It was Fluor's challenge of that action that Van Sickle rejected last week.

"The treatment afforded Hanford whistleblowers is further evidence that the Department of Energy, which funds and encourages this type of litigation, should be removed from managing this vital cleanup effort," Tom Carpenter, director of GAP's Seattle office, said.

June 1998  
In Action  
Front Page

"March Fund Raising Luncheon a Big Success"

1548

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### MARCH FUND RAISING LUNCHEON A BIG SUCCESS

A capacity crowd attended the second annual *March is Red Cross Month* fund raising luncheon on March 11th. The luncheon featured **Anthony Munoz** as the guest speaker, a Red Cross video, and the honoring of two special people who had helped others with their Red Cross skills.

Before sharing his thoughts on commitment, **Munoz** traded UCLA and OSU jokes with Hamilton Mayor **Tom Nye**. **Anthony** compared the commitment and dedication of an athlete to that of Red Cross volunteers. His message was very meaningful. He even produced his Red Cross First Aid and CPR certification cards to show that he was trained.

**Gail Niehaus**, principal at Fairfield Intermediate School, was honored with the Red Cross "Help Can't Wait" award for her quick action in helping a student **Chris Edds** when he was choking. **Beth Simpson**, the second honoree, was cited for her care and attention to a young auto crash victim until the paramedics arrived.

The *Help Can't Wait* video

featured non-disaster volunteers who perform and teach the day-to-day Red Cross training, such as water safety, *Babysitting*, *Sesame Street Fire Safety*, CPR, first aid and the distribution of *K.I.S.S.* infant car seats. The video was produced by **Fluor Daniel Fernald's Tom Wagner** and sponsored by the firm.

Executive Director **Dick Johnson** announced the luncheon had raised over \$22,000 for the chapter and concluded by thanking everyone for their generous support of the Red Cross.



(l to r) Anthony Munoz, Larry Fiehrer  
and Dick Johnson



Anthony Munoz and Mike Townsend

May 1998

DOE This Month

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"Fernald Environmental Management Project"

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Workers at the **Fernald Environmental Management Project** recently exceeded one million safe hours of work, significant because of the ongoing environmental cleanup activities at the site. "This is a positive indicator and shows significant progress," said Dave Kozlowski, DOE-Fernald associate director for safety and assessment. "It's a sign of the employees' attention to safety and their working conditions." Fernald subcontractors also have demonstrated their commitment to safety by working for more than five years without a lost-time accident. The goal of Fluor Daniel Fernald, the current site contractor, is to reach 3.9 million safe work hours in 1998. ◆

June 17, 1998

The Energy Daily

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"Fluor Daniel Funds Silo Cleanup Tests

1548

## Fluor Daniel Funds Silo Cleanup Tests

The Energy Department's Fernald operator last week moved ahead on a key cleanup project by issuing contracts to four companies to demonstrate processing technologies for nuclear wastes now stored in unstable silos at the Ohio nuclear weapons site.

Fluor Daniel Fernald said the "proof of principle" contracts are the first step toward removal and stabilization of 6,800 cubic yards of radium-bearing wastes now being stored under clay barriers in Fernald's two K-65 silos.

The contracts are part of an effort by DOE to accelerate the removal of waste from the silos due to concerns about high radon emissions and potential accident scenarios related to the silos' structural weakness. The wastes will be processed into a more stable form and placed in interim storage tanks pending final disposal.

The contracts were awarded to:

- EnVitco of Toledo, Ohio, which received nearly \$2 million to test its joule-heated vitrification technology;
- Vortec Corp. of Collegeville, Pa., \$1.3 million for its vitrification technology;
- IT Corp. of Monroeville, Pa., \$305,000 for its cement-based chemical stabilization method; and
- Chem-Nuclear of Columbia, S.C., \$576,223 for its chemical stabilization method.

Each company will conduct its tests with nonradioactive "surrogate" wastes designed to have the same physical and chemical properties as the silo wastes. The testing is expected to last about one year.

Fluor Daniel and DOE will review the results with an eye toward proposing a new silo cleanup strategy to the Environmental Protection Agency by February 2000. The cleanup project is expected to get under way in 2001 and cost \$275 million, assuming no regulatory or funding delays.

The silo waste project has been delayed by problems with waste treatment processes. Efforts by Fluor Daniel to develop a treatment process have been unsuccessful, prompting DOE to take the project away from Fluor Daniel and order it subcontracted out to specialized waste treatment companies.

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"to Decide on Fernald Contract Extension by July"

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### DOE TO DECIDE ON FERNALD CONTRACT EXTENSION BY JULY

Department of Energy officials reported at the First DOE-Ohio Office Business Forum coordinated by Exchange/Monitor Publications that a decision on the remaining allowable one year extension on Fluor Daniel's current contract at Fernald will be made in June/July of this year. But given the broad measure of support expressed by local interest groups, union officials and local officials, it is almost a certainty that the extension will be approved. What happens after that is an open question. ◀

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"At Fernald.....Work Begins on Second Waste-Disposal Cell"

**AT FERNALD . . . . . WORK BEGINS ON SECOND WASTE-DISPOSAL CELL**

Fluor Daniel Fernald last week awarded a \$19.5 million contract to Petro Environmental Technologies, Inc. to

construct the second of eight planned disposal cells for the On-Site Disposal Facility. Petro Environmental was

hired in May 1997 to build the first disposal cell. Construction of the second cell, which measures 800 feet wide by 3,700 feet long by 65 feet high, is scheduled for completion in November 2000. The cell will have an 8.75-foot-thick liner and a capacity of 2.6 million cubic yards. The phased cell-construction for the on-site facility is expected to last through 2006. Fluor Daniel

Fernald began putting waste, consisting of soil from Fernald's East Field, into the completed cell in December 1997. Waste destined for the on-site facility is low-level waste, mostly soil, with some debris from demolition of former production buildings. Highly contaminated materials will be sent off-site for disposal. ◀

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"New Fluor Daniel Hanford Chief promises Tight Controls on Work"

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## NEW FLUOR DANIEL HANFORD CHIEF PROMISES TIGHT CONTROLS ON WORK

Ron Green, the newly named President of Fluor Daniel Hanford, is promising to keep a sharp eye on the bottom line when he takes over from Hank Hatch June 1. Green was making the rounds in Washington, D.C. last week and, during a meeting with *Weapons Complex Monitor*, declared the Fluor Daniel contract at Hanford is entering a new phase. "It's time to focus on project management," he said. "It's a time of transition."

Green was widely quoted at the time he was named to the post as promising to bring "commercial practices" to the site. He elaborated on that promise last week, explaining that, in the 10 years he served as president of Fluor Daniel Power Operating Company, he's noticed the formula of commercial contracts change. "It's now fixed-price, turnkey, damages on schedule slip, damages on emissions. There are high risks involved, but Hanford has the highest risks." he commented.

To deal with those risks, Green stated he'll be imposing discipline on his contractors, as he did when he managed power plant projects. "I impose limits on the design stage. You've got to know when to freeze design, when to say enough's enough. Otherwise, it can go on forever. And, I take a hard line on change control. I like to bring all the issue to the table up front to avoid change orders. I know DOE is different, I know they have their own way they like to manage projects, but I think I can work with that."

In terms of the problems plaguing Fluor Daniel Hanford, especially those surrounding the K-Basing project, Green claimed the company could have avoided much of the current mess if it had good information up front, during the bidding process. "If the amount we knew about the

K-Basins, about PFP, had that been higher, maybe we would have proposed something different," he asserted. "We could not know more than we knew. The K-Basins were characterized from a sample. Is the real waste the same? We didn't know until we got there and found out that no, it wasn't the same."

Essentially, Green said, he wants to make sure the money is going to the right places. "The question I'm going to be asking most often is 'are we allocating our limited funds appropriately? Are we prioritizing correctly?'"

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The cost to bid D&D projects is a significant cost to contractors. The potential benefit to contractors is improved by increasing the size or combining D&D projects (i.e., the larger the project, the more attractive it is to contractors). This is because cost efficiencies in both bidding and project operations can be obtained, which also lower the total price to FDF, given the above, is there any potential of combining adjacent complexes like plants 5 & 6 at Fernald to obtain cost benefits to all parties?

*Jack Wright  
IT Corporation*

Fernald does recognize the cost benefit to the contractor and the government in the size of D&D projects and associated subcontracts. In reviewing project or subcontract size, many factors are evaluated including required site support, funding profile for multi year projects and availability of structures and facilities for contract performance. It must also be noted that at the same time larger projects present potential benefits to some contractors, other contractors may be priced out of the market in ability to support large projects. Fernald has combined other projects in the past such as the Thorium/Plant 9 Complex and the Maintenance/Tank Farm Complex and will continue to look at the most effective total project cost D&D activities. Currently, two additional facility complexes are being evaluated; the Plant 5/Plant 6 Complex and the Plant 2/3 and 8 Complex.

*Jack R. Craig  
Director, DOE-FEMP*

*And in an upcoming edition, the following question will be answered...*

Quanterra Inc. over the last 18 months, has responded to requests for "Expressions of Interest" to five separate DOE sites on privatization/outsourcing of the analytical on-site labs. The "EOIs" were reviewed and met with favorable response by the M&I or M&O contractor who then went through a make-or-buy decision and in some instances presented the concept to the regional DOE office for review. We have been told that at the point the "EOI" reached the DOE field office review level it was denied due to "work force restructure" implications. My question is when headquarters preaches "privatization and outsourcing" at sites where their mission has clearly ended, and when it has been proven time and time again that the commercial lab community can meet the analytical needs of the site more cost-effectively and when our "EOIs" have included an approach to offer positions to retain core competency and expand total jobs over time, why are the DOE field offices reluctant to make the change?

*Cathy Knudsen  
Director of Federal Program  
Quanterra*

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