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Department of Energy
Ohio Field Office
Fernald Area Office
P. O. Box 538705
Cincinnati, Ohio 45253-8705
(513) 648-3155

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NOV 24 1998

Mr. James A. Saric, Remedial Project Manager
U.S. Environmental Protection Agency
Region V-SRF-5J
77 West Jackson Boulevard
Chicago, Illinois 60604-3590

DOE-0190-99

Mr. Tom Schneider, Project Manager
Ohio Environmental Protection Agency
401 East 5th Street
Dayton, Ohio 45402-2911

Dear Mr. Saric and Mr. Schneider:

STORMWATER/EROSION CONTROLS IN SUPPORT OF OU1 CONTAMINATED SOIL STOCKPILE CONSTRUCTION ACTIVITIES

The purpose of this letter is to summarize agreements reached with the U.S. Environmental Protection Agency (U.S. EPA) and Ohio Environmental Protection Agency (OEPA) concerning stormwater/erosion controls to be implemented in support of construction activities to be performed in and around the Operable Unit 1 (OU1) contaminated soil stockpile (i.e., Mt. Di).

As was discussed in the November 3, 1998, weekly conference call between the U.S. EPA and OEPA, Department of Energy, and Fluor Daniel Fernald, Inc. (FDF), it is necessary that a portion of the OU1 contaminated soil stockpile will need to be moved to support the construction of the OU1 remediation facilities. Specifically, in order to accommodate the hopper/conveyor which IT Corporation will construct from this stockpile to the Material Handling Building, about 2,000 yd^3 of material at the southern end of the stockpile need to be moved. IT anticipates that this work will take less than a week and will be performed in early December 1998. Since the extent of work in and around the stockpile had not been known at the time of the submittal of the Remedial Design (RD) package, this package did not reflect stormwater controls associated with activities in this specific area.

Therefore, DOE and FDF proposed to the U.S. EPA and OEPA during the subject conference call that controls be placed to minimize soil erosion from this work area similar to those being implemented by IT Corporation on its other construction activities including

silt fencing. The plan for stormwater controls does not include collection of the stormwater from this activity. Once these activities are completed, the proposal is to stabilize the newly exposed surfaces with clean fill or tarps. During the course of the call, no concerns were expressed over this proposal.

Subsequent to this call, discussions were held between Mr. Joe Bartozek and Messrs. Frank Johnston and Dennis Dalga of FDF. Mr. Bartozek had some questions about specifics of the activities being planned (e.g., duration), and also had some discussion with Mr. Johnston about previous stormwater sampling performed by FDF during the time that the stockpile was open during construction. Mr. Bartozek's questions/concerns were essentially addressed during those conversations, with the understanding that the work to be performed relates to the short term movement of soils in support of construction, and with the understanding that the past stormwater sampling data shows no evidence of increased contamination of the stormwater during the time period when the stockpile was previously open. As agreed during these discussions, this sampling information is being provided with this letter. With this information, therefore, DOE considers the subject proposal to be acceptable to the Agencies, and is planning on implementing the activities as such, unless notified otherwise.

If you have any questions or comments, or to schedule a time to discuss this package, please contact Dave Lojek at (513) 648-3127.

Sincerely,

Wayne Reis for

Johnny W. Reising
Fernald Remedial Action
Project Manager

FEMP:Hall

Enclosure

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Mr. James A. Saric
Mr. Tom Schneider

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cc w/enclosure
N. Hallein, EM-42/CLOV
G. Jablonowski, USEPA-V, SRF-5J
R. Beaumier, TPSS/DERR, OEPA-Columbus
T. Schneider, OEPA-Dayton (3 copies of enc.)
F. Bell, ATSDR
M. Schupe, HSI GeoTrans
R. Vandergift, ODH
F. Barker, Tetra-Tech
AR Coordinator

cc w/o enclosure:
D. Lojek, OH/FEMP
A. Tanner, DOE-FEMP
D. Carr, FDF/52-2
R. Fellman, FDF/52-1
T. Hagen, FDF/65-2
J. Harmon, FDF/90
R. Heck, FDF/2
S. Hinnefeld, FDF/2
EDC, FDF/52-7

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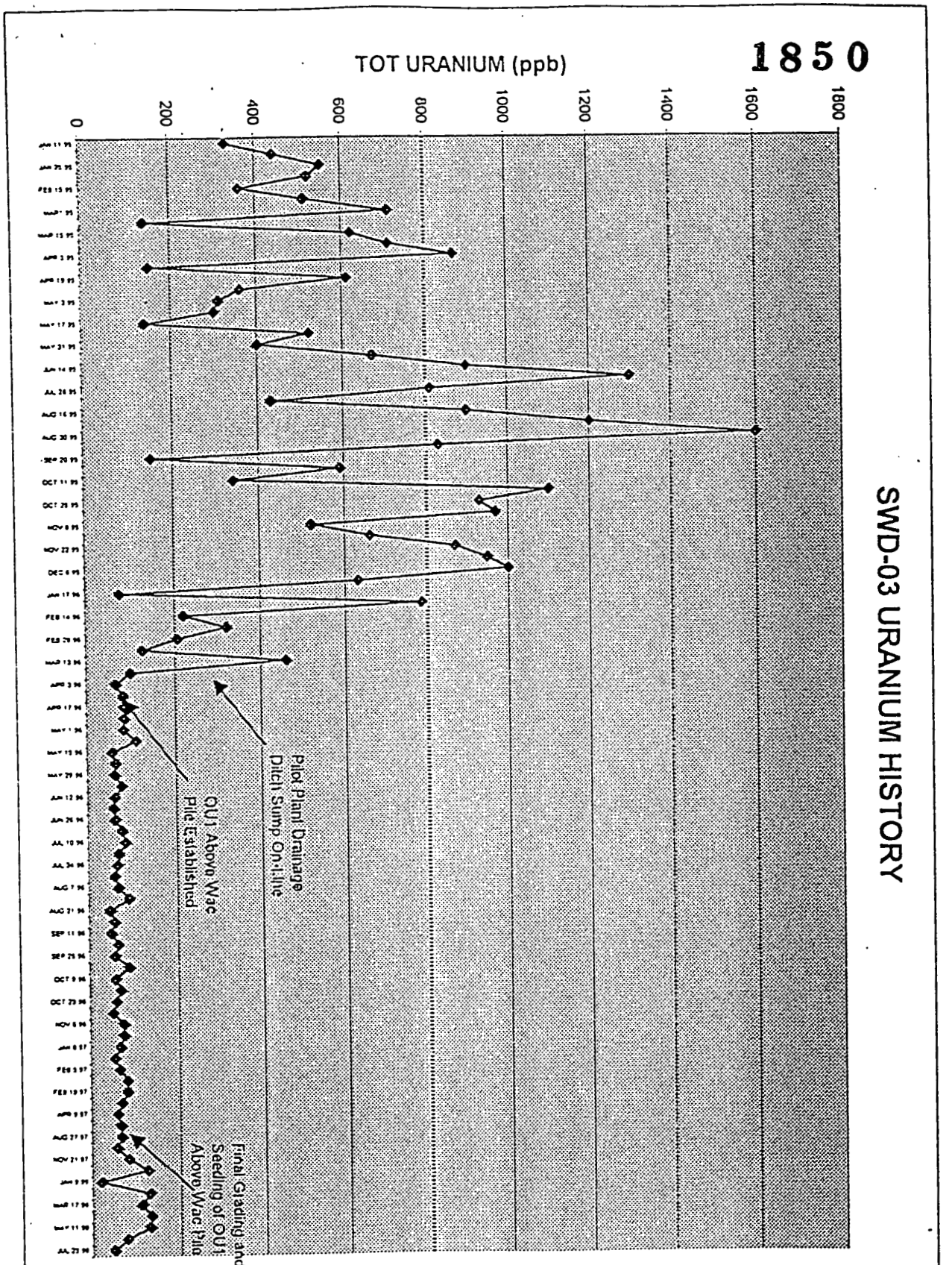
DATE	TOTAL-U (ppb)
JAN 11 95	330
JAN 18 95	440
JAN 25 95	550
FEB 1 95	520
FEB 15 95	360
FEB 22 95	510
MAR1 95	710
MAR 8 95	140
MAR 15 95	620
MAR 29 95	710
APR 5 95	870
APR 12 95	150
APR 19 95	610
APR 26 95	360
MAY 3 95	310
MAY 10 95	300
MAY 17 95	140
MAY 24 95	520
MAY 31 95	400
JUN 7 95	670
JUN 14 95	900
JUN 28 95	1300
JUL 26 95	810
AUG 9 95	430
AUG 16 95	900
AUG 23 95	1200
AUG 30 95	1600
SEP 13 95	830
SEP 20 95	150
OCT 4 95	590
OCT 11 95	340
OCT 18 95	1100
OCT 25 95	930
NOV 2 95	970
NOV 8 95	520
NOV 15 95	660
NOV 22 95	870
NOV 29 95	950
DEC 6 95	1000
DEC 27 95	630
JAN 17 96	76
JAN 31 96	785
FEB 14 96	220
FEB 21 96	320
FEB 28 96	205
MAR 6 96	125
MAR 13 96	458
MAR 27 96	98
APR 3 96	65
APR 10 96	81
APR 17 96	83
APR 24 96	83
MAY 1 96	81
MAY 8 96	109
MAY 15 96	55
MAY 26 96	63
MAY 29 96	61
JUN 5 96	76
JUN 12 96	61
JUN 19 96	58
JUN 26 96	60
JUL 3 96	76
JUL 10 96	83
JUL 17 96	68
JUL 24 96	64
JUL 31 96	58
AUG 7 96	66
AUG 14 96	89
AUG 21 96	46
AUG 28 96	57
SEP 11 96	48
SEP 18 96	64
SEP 25 96	56
OCT 2 96	88
OCT 9 96	58
OCT 16 96	69
OCT 23 96	59
OCT 30 96	51
NOV 6 96	75
JAN 1 97	75
JAN 8 97	67
JAN 22 97	53
FEB 5 97	64
FEB 12 97	81
FEB 19 97	81
FEB 26 97	69
APR 9 97	59
APR 16 97	66
AUG 27 97	67
OCT 27 97	56
NOV 21 97	82
DEC 11 97	124
JAN 9 98	20
FEB 12 98	129
MAR 17 98	111
APR 13 98	132
MAY 11 98	129
JUN 17 98	78
JUL 23 98	48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SWD-03 URANIUM HISTORY
TOT URANIUM (ppb)
0
200
400
600
800
1000
1200
1400
1600
1800
Pilot Plant Drainage
Ditch Sump On-Line
QU1 Above Wac
Pile Established
Final Grading and
Seeding of QU1
Above Wac Pile

5