



Department of Energy

Ohio Field Office
Fernald Area Office

P. O. Box 538705
Cincinnati, Ohio 45253-8705
(513) 648-3155



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DEC 19 2001

Mr. James A. Saric, Remedial Project Manager
United States Environmental Protection Agency
77 West Jackson Boulevard – Region V, SRF-5J
Chicago, IL 60604-3590

DOE-0198-02

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

Dear Mr. Saric and Mr. Schneider,

NOTIFICATION OF PLANS TO SHUTDOWN EXTRACTION WELLS

As we have discussed during the last couple of weekly site update conference calls, we are considering the long-term shutdown of some extraction wells due to their low uranium concentration. Uranium concentration versus time graphs for three South Field Module extraction wells: EWs-31565, -31564, and -31563, and a South Plume extraction well, RW-3927 (RW-4) were provided in the weekly report for December 1 to December 7 and for reference, are included as enclosures to this letter as well.

- Well 31565 (EW 13) has been shutdown since May 22, 2001 in order to remove the contaminated soil around the well as part of the Southern Waste Units remediation. This was reported in the Integrated Environmental Monitoring Plan (IEMP) report for the second quarter 2001. We are proposing that Well 31565 remain shutdown.
- We are intending to shut down of Well 31564 (EW 14) this month due to its persistent low uranium concentration and the need to finish remediating soils along its pipeline corridor.

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Mr. James-A. Saric
Mr. Tom Schneider

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- We are considering the long-term shutdown (or conversion to an injection well) of Well 31563 (EW 16) as part of the South Field Extraction System Phase II design. The shutdown or conversion would not take place until the summer of 2002 at the earliest.

The South Field Extraction System Module, Phase II Design will provide the backup groundwater modeling and other justification to support the long-term disposition of these extraction wells.

RW-4 is the easternmost well in the South Plume Extraction Module. This well has consistently (since 1993) pumped low uranium concentration groundwater. The purpose of pumping this well was the need to keep the "Knollman" lobe of uranium contamination within capture of the South Plume extraction wells. This lobe of contamination has dissipated and is approaching the uranium Final Remediation Level. We anticipate shutting this well down sometime next year. Justification to shut this well down will be provided in the South Plume Optimization Phase 2 pre-design report or design package.

Should you have any questions regarding this, please contact Robert Janke at (513) 648-3124.

Sincerely,



Johnny W. Reising
Fernald Remedial Action
Project Manager

FEMP:R.J. Janke

Enclosures: As Stated

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Mr. James A. Saric
Mr. Tom Schneider

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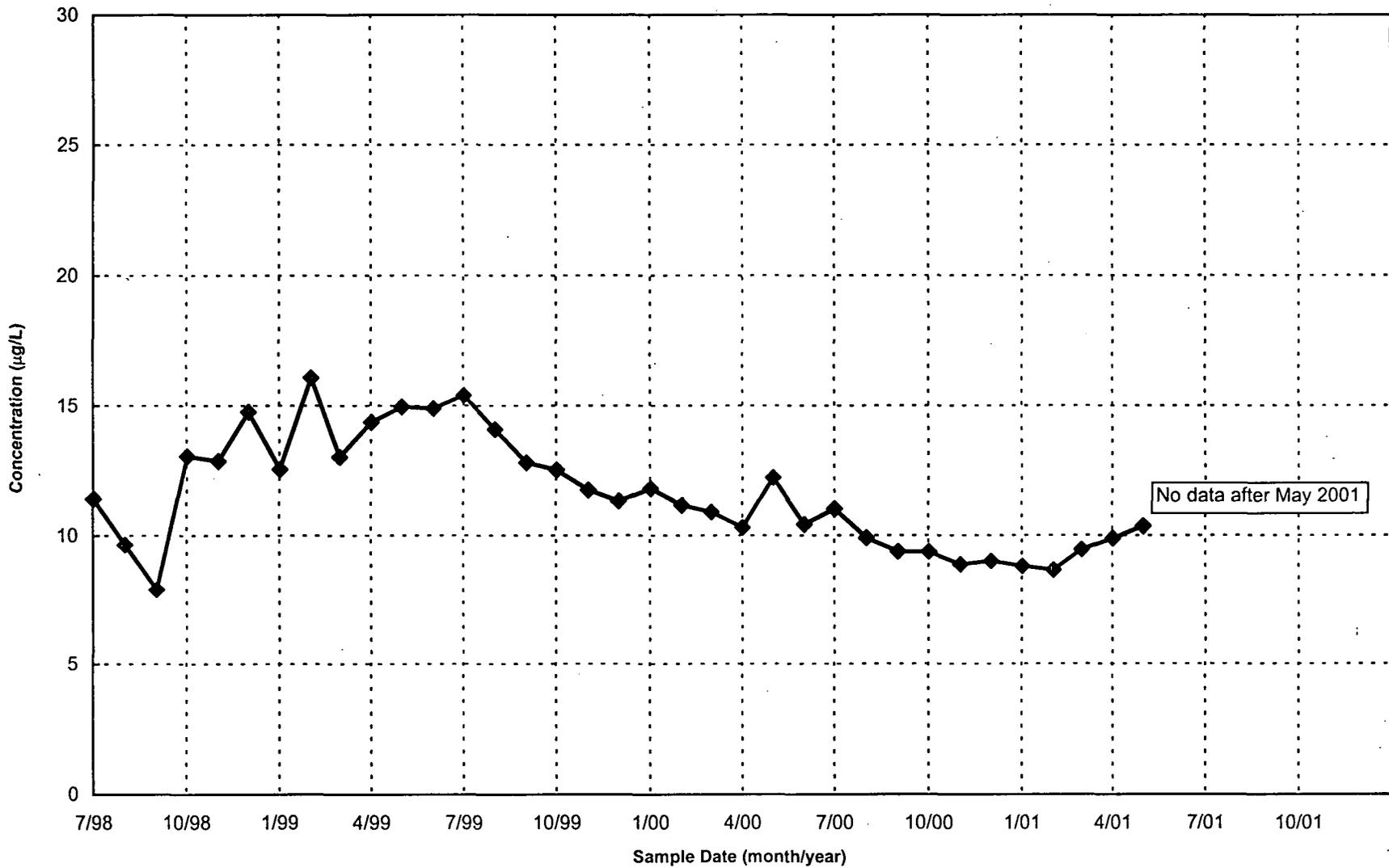
DOE-0198-02

cc w/enclosures:

R. J. Janke, OH/FEMP
J. Kappa, OH/FEMP
K. Nickel, OH/FEMP
T. Schneider, OEPA-Dayton (three copies of enclosures)
G. Jablonowski, USEPA-V, SRF-5J
F. Bell, ATSDR
F. Hodge, Tetra Tech
M. Schupe, HSI GeoTrans
R. Vandegrift, ODH
AR Coordinator, Fluor Fernald, Inc./MS78

cc w/o enclosures:

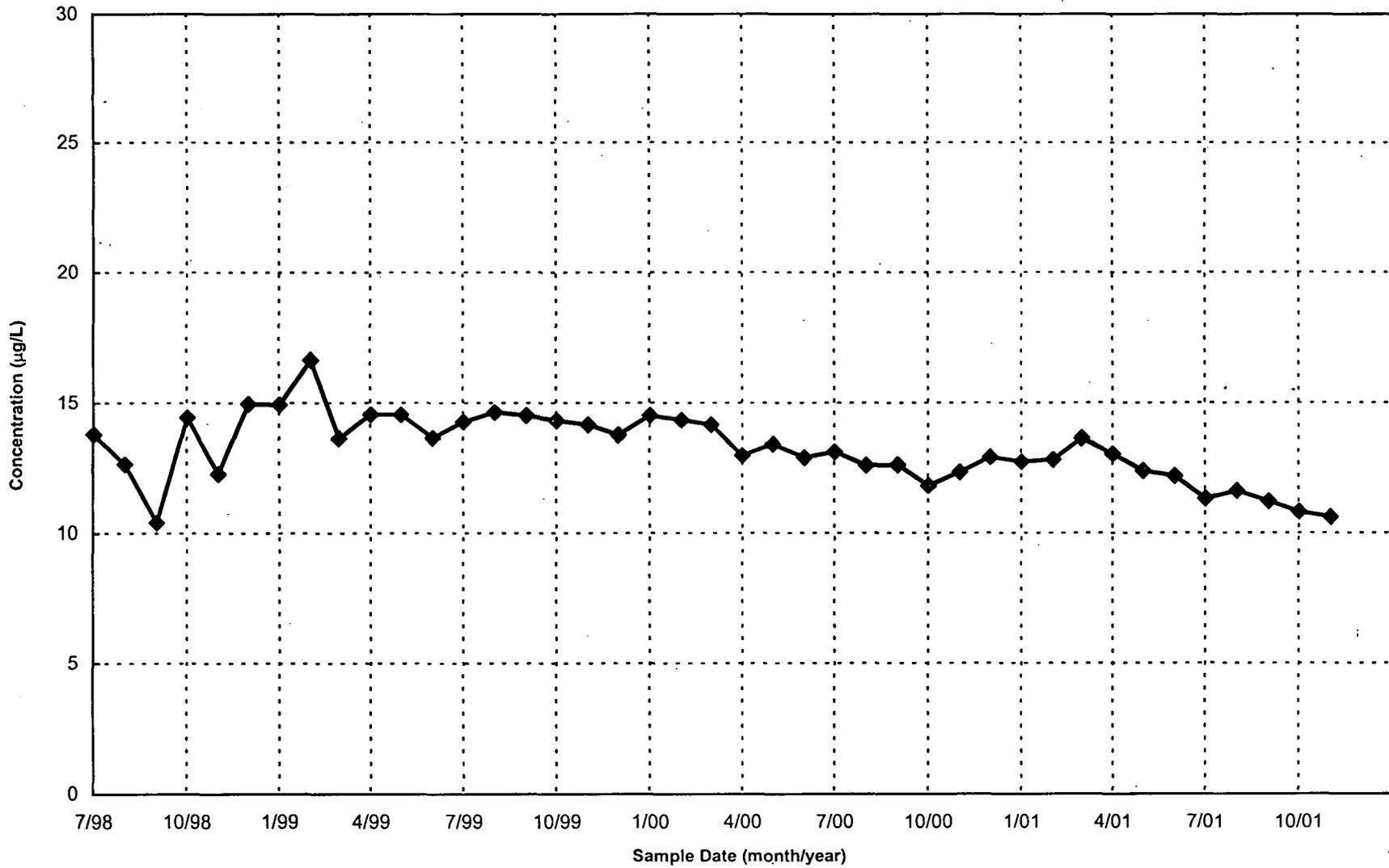
R. Greenberg, EM-31/CLOV
N. Hallein, EM-31/CLOV
A. Tanner, OH/FEMP
D. Brettschneider, Fluor Fernald, Inc./MS52-5
D. Carr, Fluor Fernald, Inc./MS2
M. Frank, Fluor Fernald, Inc./MS90
T. Hagen, Fluor Fernald, Inc./MS65-2
W. Hertel, Fluor Fernald, Inc./MS52-5
S. Hinnefeld, Fluor Fernald, Inc./MS52-2
M. Jewett, Fluor Fernald, Inc./MS52-2
T. Walsh, Fluor Fernald, Inc./MS46
ECDC, Fluor Fernald, Inc./52-7



TOTAL URANIUM MONTHLY AVERAGE CONCENTRATION VS. TIME PLOT
FOR EXTRACTION WELL 31565 (EW 13)

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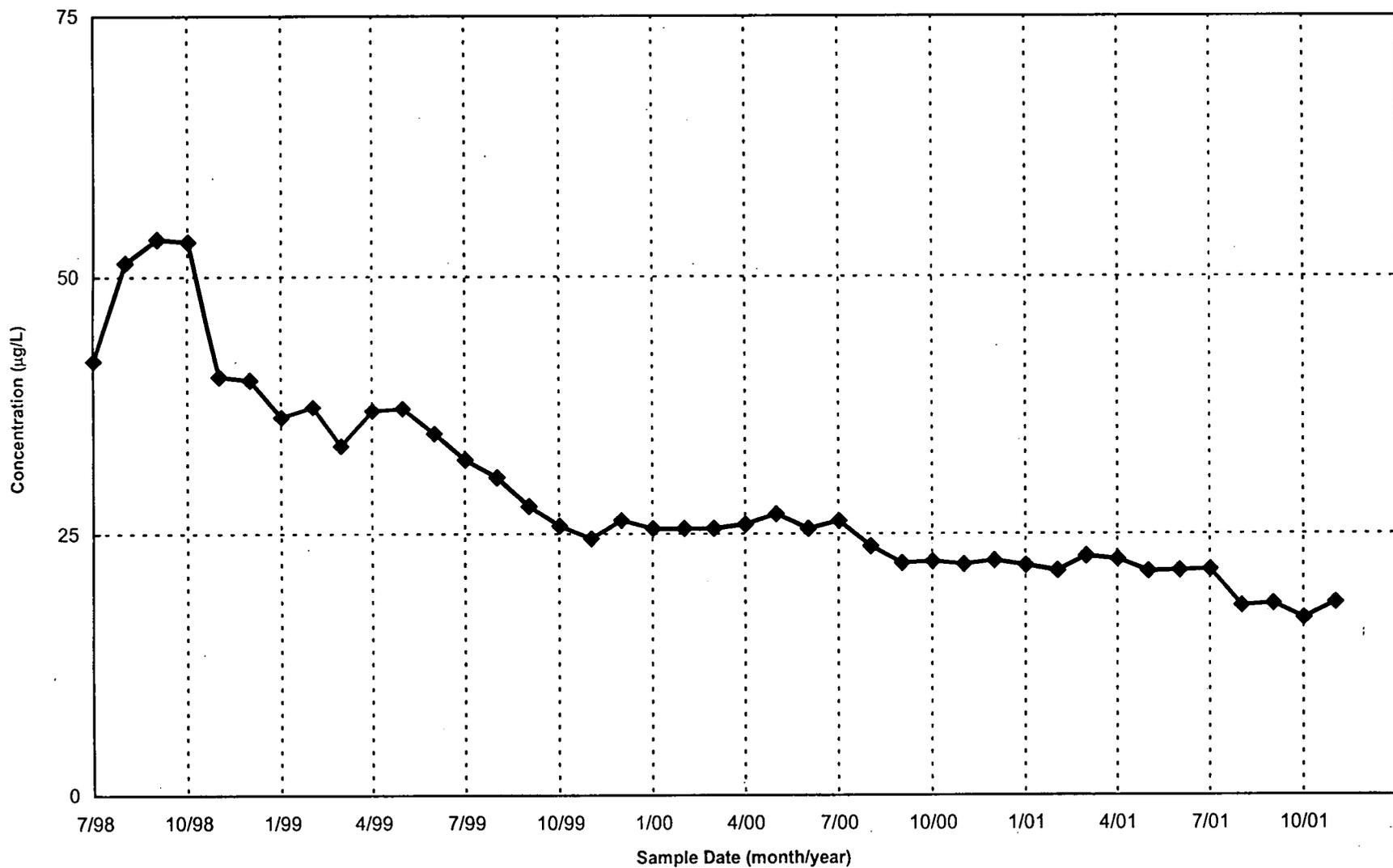
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TOTAL URANIUM MONTHLY AVERAGE CONCENTRATION VS. TIME PLOT
FOR EXTRACTION WELL 31564 (EW 14)

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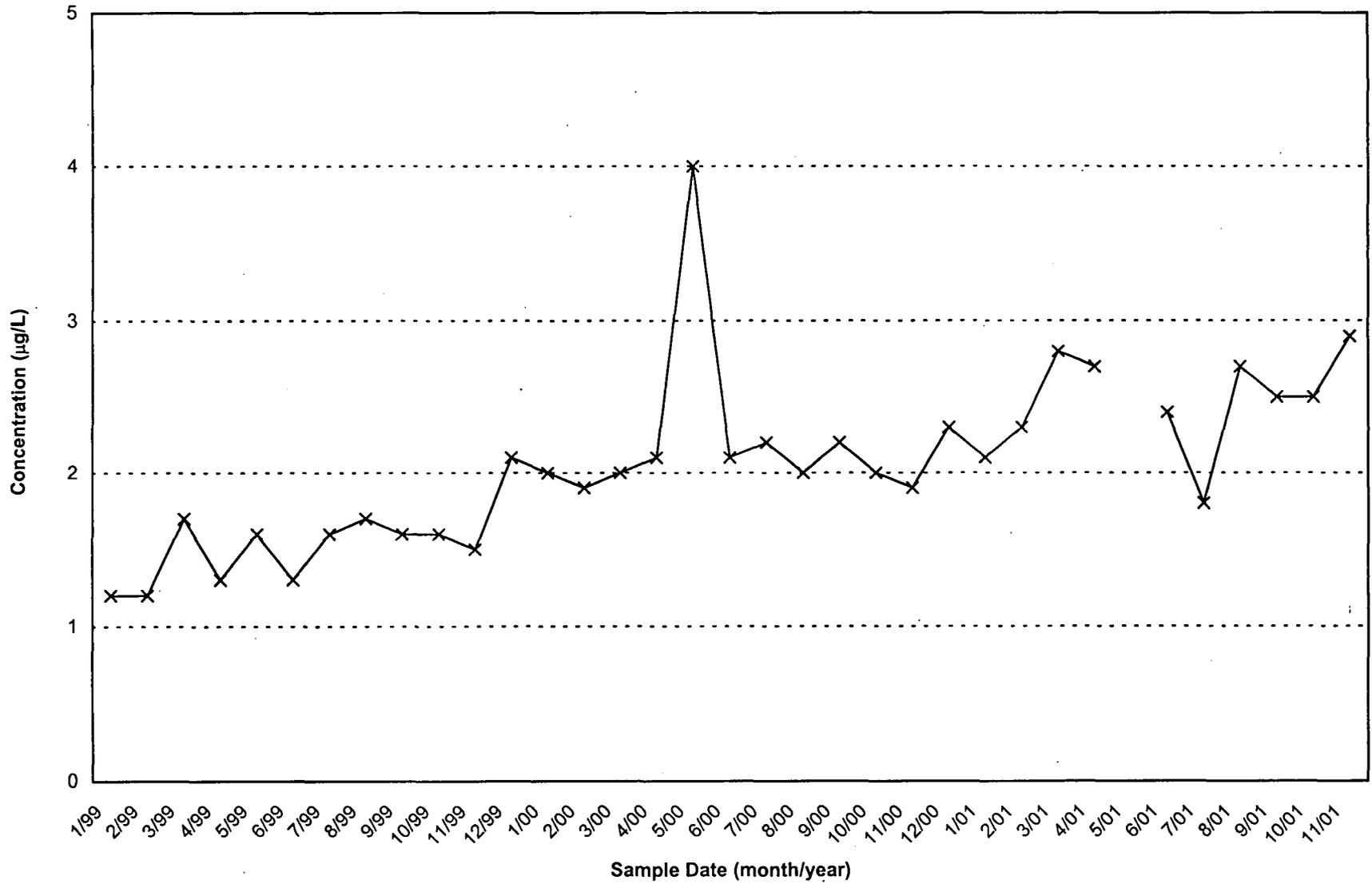
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TOTAL URANIUM MONTHLY AVERAGE CONCENTRATION VS. TIME PLOT
FOR EXTRACTION WELL 31563 (EW 16)

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MONTHLY AVERAGE TOTAL URANIUM CONCENTRATIONS FOR WELL 3927 (RW 4)

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