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37-23341-01

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030-20934

August 20, 2001

Mr. John D. Kinneman
Chief, Nuclear Material Safety Branch 2
Division of Nuclear Material Safety
U.S. Nuclear Regulatory Commission, Region I
475 Allendale Road
King of Prussia, PA 19406-1415

RE: License No. 37-23341-01 Quarterly Report- 2nd Quarter 2001

Dear Mr. Kinneman:

In accordance with condition No. 16 of the referenced license, enclosed is the quarterly report for the second quarter of 2001.

If you have any questions or comments, please contact Michael Fuller, Manager, Health Physics & Engineering or me at (413) 543-6911, extensions 25 and 27, respectively.

Sincerely,

William Stevenson, Radiation Protection Engineer
UniTech Services Group

cc: M. Fuller, Manager Health Physics and Engineering
Dan Neely, Plant Manager/RSO, UniTech Royersford

No. 130206

NMSS/REG-002



2000 - ROYERSFORD WASTEWATER DISCHARGE SUMMARY												
MONTH	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPT	OCT	NOV	DEC
GALLONS	395000	500000	875000	1175000	645000	310000						
H-3	7.81E-06	7.81E-06	7.81E-06	8.20E-06	8.20E-06	8.20E-06						
mCi H-3	11.676536	14.780425	25.865744	36.468475	20.018865	9.62147						
C-14	3.55E-06	3.55E-06	3.55E-06	4.69E-06	4.69E-06	4.69E-06						
mCi C-14	5.3075163	6.718375	11.757156	20.858189	11.449814	5.5030115						
K-40	1.98E-07	2.12E-07	ND	ND	2.54E-07	ND						
Cr-51	ND	3.43E-07	5.89E-07	5.72E-07	8.79E-07	ND						
Mn-54	4.51E-07	5.77E-07	7.92E-07	5.90E-07	7.64E-07	6.36E-07						
Fe-55	9.88E-06	9.88E-06	9.88E-06	1.29E-05	1.29E-05	1.29E-05						
Fe-59	ND	ND	ND	ND	ND	ND						
Co-57	ND	ND	ND	ND	2.37E-08	ND						
Co-58	7.89E-07	8.80E-07	6.02E-07	1.45E-06	4.11E-06	6.01E-07						
Co-60	1.41E-06	1.72E-06	1.40E-06	1.28E-06	1.70E-06	1.13E-06						
Ni-63	3.58E-07	3.58E-07	3.58E-07	9.39E-07	9.39E-07	9.39E-07						
Zn-65	2.40E-07	ND	ND	ND	ND	6.34E-08						
Sr-89	*	*	*	*	*	*						
Sr-90	5.39E-09	5.39E-09	5.39E-09	4.82E-09	4.82E-09	4.82E-09						
Zr-95	ND	ND	5.64E-08	1.05E-07	3.43E-07	1.20E-07						
Nb-95	5.06E-08	7.62E-08	7.47E-08	1.63E-07	5.77E-07	2.68E-07						
Tc-99	4.37E-07	4.37E-07	4.37E-07	5.70E-07	5.70E-07	5.70E-07						
Ag-110m	1.26E-07	ND	ND	ND	9.43E-08	ND						
Sb-125	1.42E-07	ND	ND	ND	ND	7.37E-08						
I-125	ND	ND	ND	1.14E-06	ND	ND						
I-129	<MDA	<MDA	<MDA	2.45E-08	2.45E-08	2.45E-08						
Cs-134	1.62E-07	3.46E-08	6.71E-08	5.84E-08	1.09E-07	7.02E-08						
Cs-137	1.04E-06	4.58E-07	5.00E-07	5.38E-07	1.01E-06	4.79E-07						
Eu-152	ND	ND	ND	ND	ND	ND						
Eu-154	ND	ND	ND	ND	ND	ND						
Ra-226	ND	ND	ND	ND	ND	ND						
Th-228	ND	ND	ND	ND	ND	ND						
Th-230	ND	ND	ND	ND	ND	ND						
Th-232	ND	ND	ND	ND	ND	ND						
Th-234	ND	ND	ND	ND	ND	ND						
U-234	ND	ND	ND	ND	ND	ND						
U-235	ND	ND	ND	ND	ND	ND						
U-238	ND	ND	ND	ND	ND	ND						
Pu-238	ND	ND	ND	ND	ND	ND						
Pu-239	ND	ND	ND	ND	ND	ND						
Np-237	ND	ND	ND	ND	ND	ND						
Am-241	ND	ND	ND	ND	ND	ND						
Cm-244	ND	ND	ND	ND	ND	ND						
CONC.	1.53E-05	1.50E-05	1.48E-05	2.03E-05	2.43E-05	1.79E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ACTIVITY	22.853447	28.339128	48.883043	90.463477	59.342947	20.982384	0	0	0	0	0	0

ANNUAL TOTALS
3900000 GALLONS

118.43151 mCi H-3

61.594062 mCi C-14

270.86443 mCi AORN

Notes: CONC. is total concentration for all nuclides except H-3 and C-14.

All concentrations are in uCi/ml. All activities are in mCi.

NF - Not found in gamma spectra search

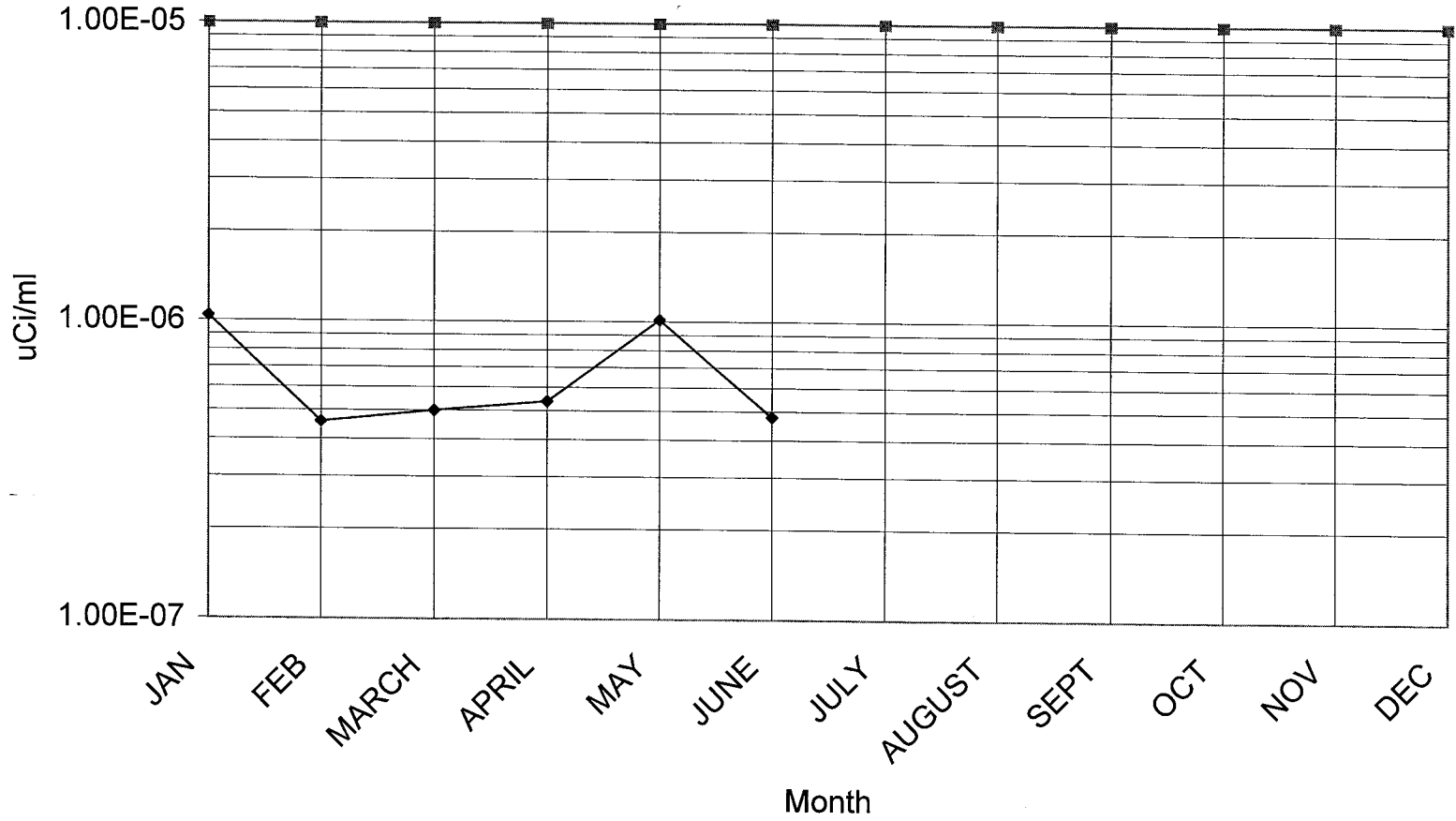
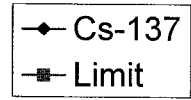
<MDA - Less than minimum detection limit for analytical method.

*Sr-89/90 analyzed and reported as total Sr unless >50 pCi/L. Conservatively assigned to Sr-90

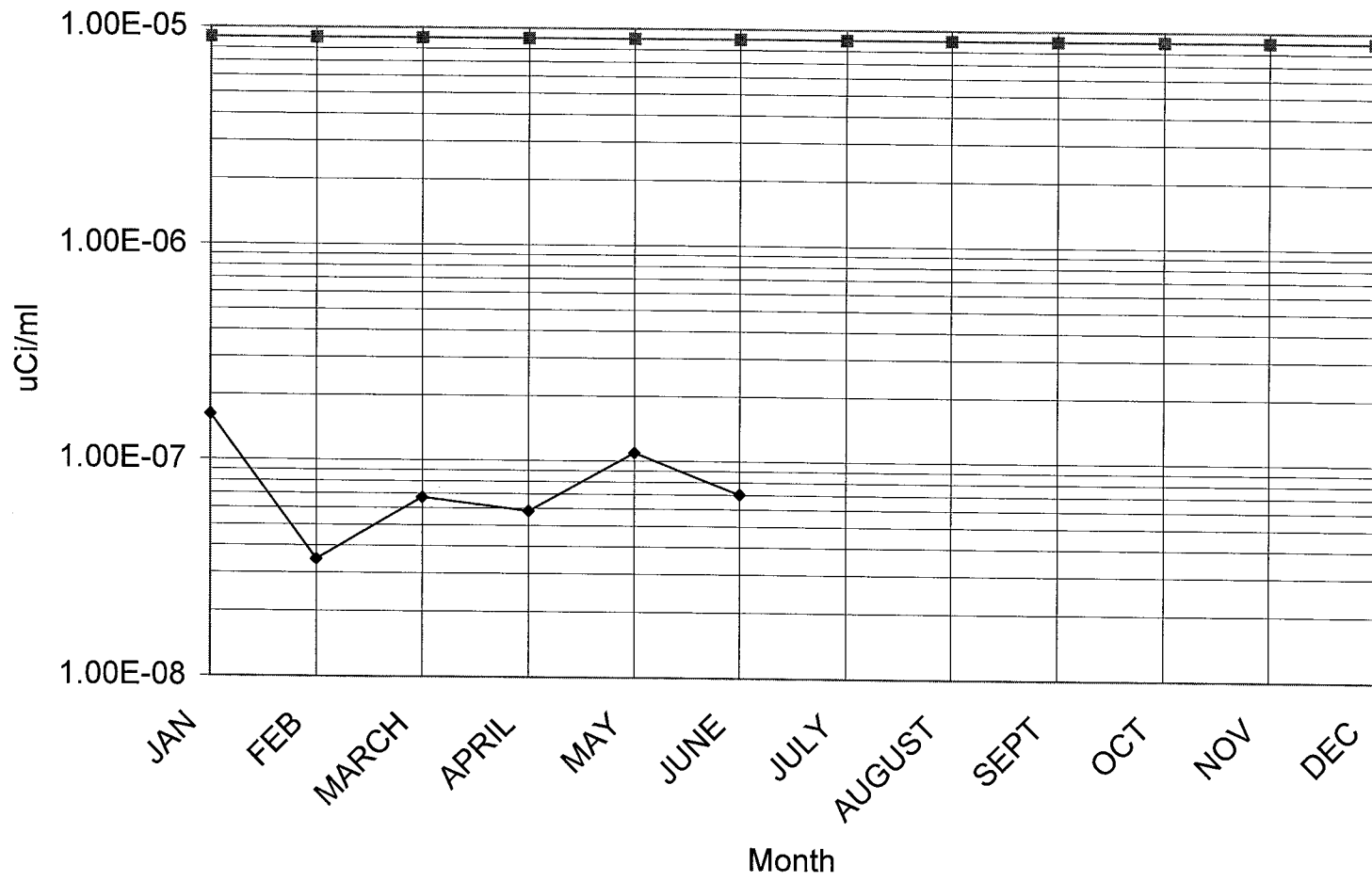
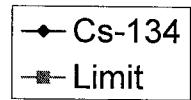
AORN - All other radionuclides (except for H-3 and C-14)

ND - No Data

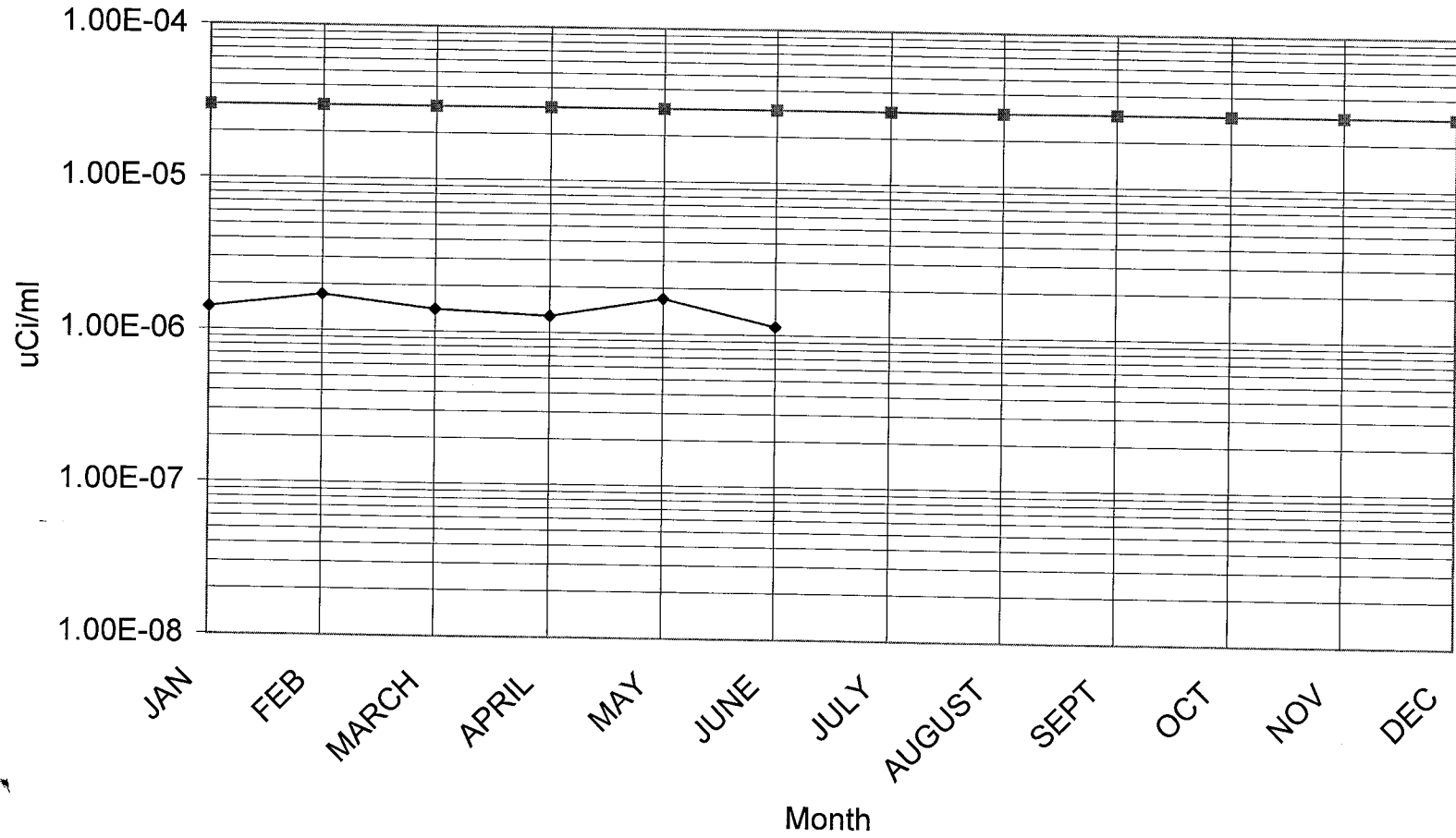
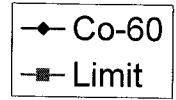
Cs-137 Concentration



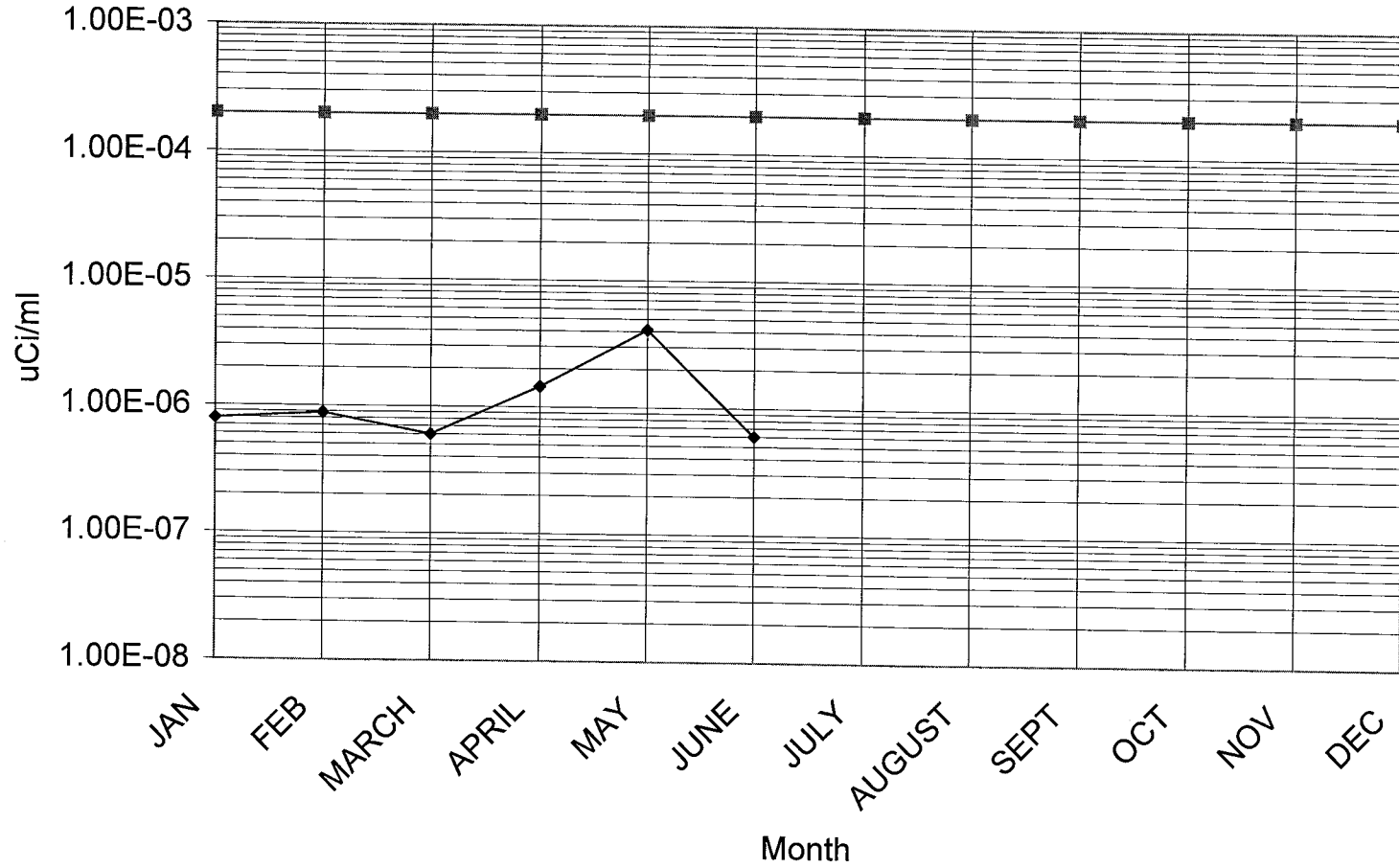
Cs-134 Concentration



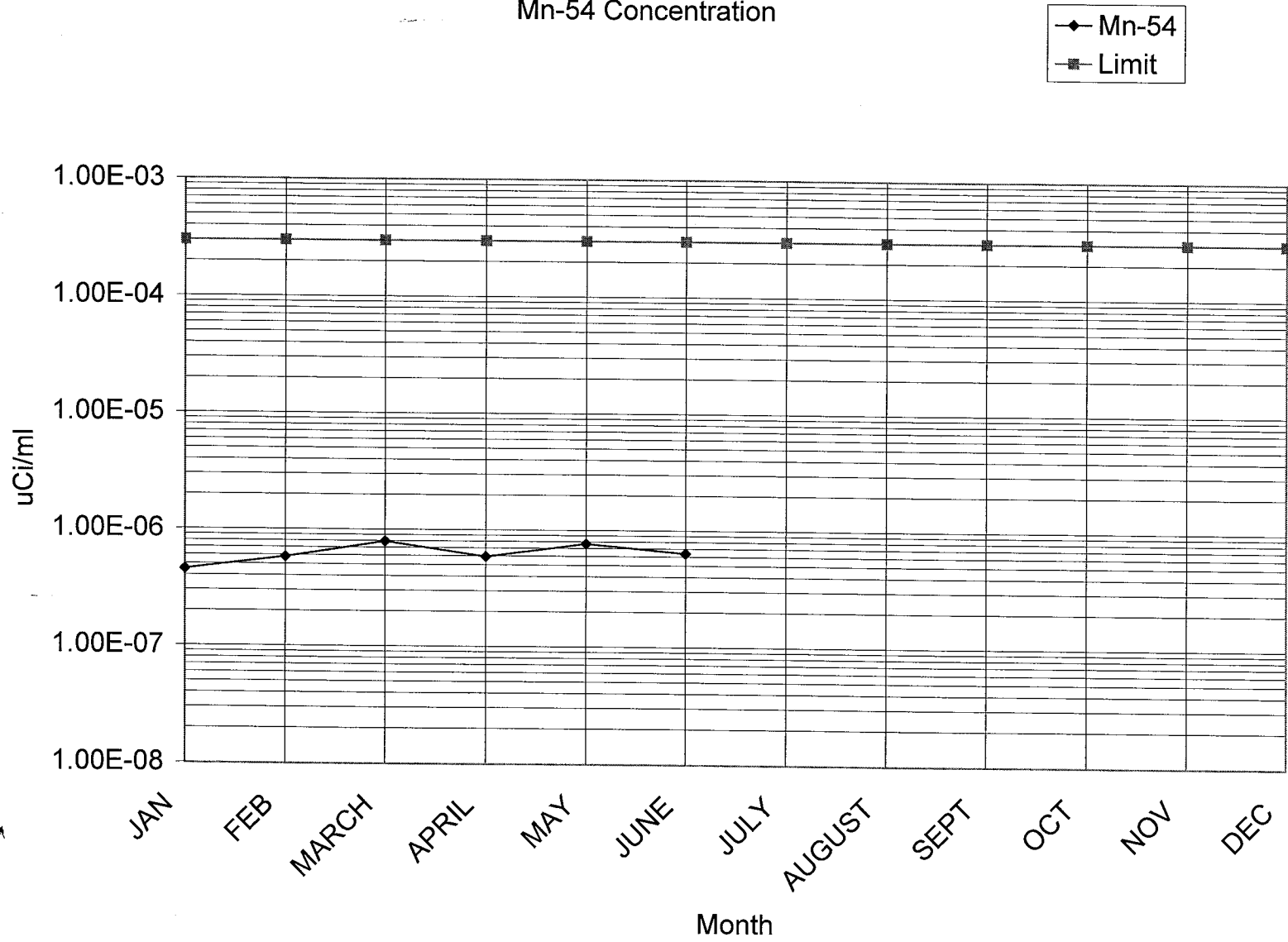
Co-60 Concentration

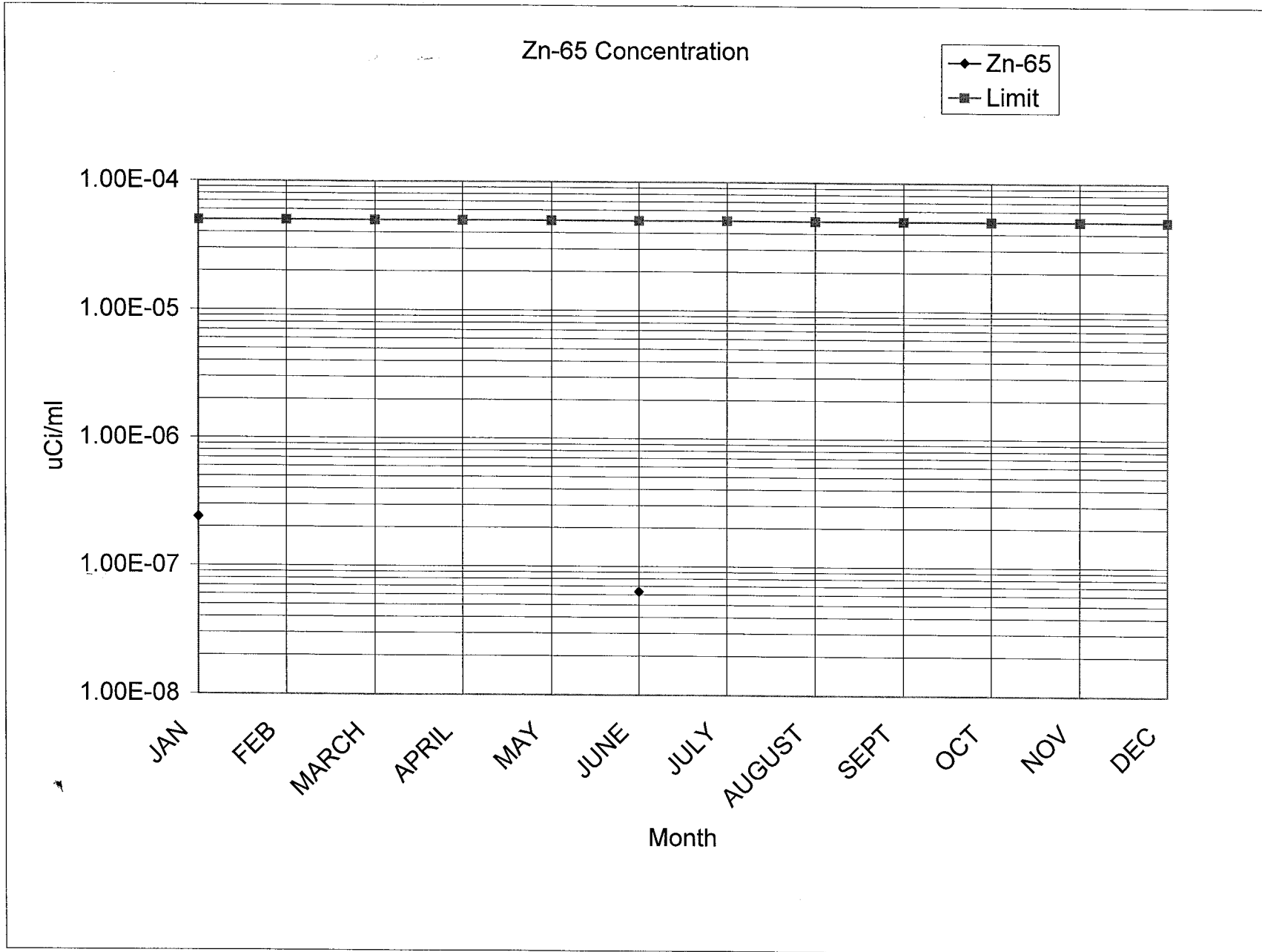


Co-58 Concentration



Mn-54 Concentration





BETWEEN: : (FOR LFMS USE)
 : INFORMATION FROM LTS
 : -----
 :
 License Fee Management Branch, ARM : Program Code: 03218
 and : Status Code: 0
 Regional Licensing Sections : Fee Category: 6A
 : Exp. Date: 20050831
 : Fee Comments: CALIBRATION IS FOR THEM
 : Decom Fin Assur Req: Y
 : ::

LICENSE FEE TRANSMITTAL

A. REGION

1. APPLICATION ATTACHED
 Applicant/Licensee: UNITECH SERVICES GROUP, INC.
 Received Date: 20010823
 Docket No.: 3020934
 Control No.: 130206
 License No.: 37-23341-01
 Action Type: Notifications

2. FEE ATTACHED
 Amount: _____
 Check No.: _____

3. COMMENTS
 Signed Sheryl Villas
 Date 8/29/01

B. LICENSE FEE MANAGEMENT BRANCH (Check when milestone 03 is entered /__ /)

1. Fee Category and Amount: _____
 2. Correct Fee Paid. Application may be processed for:
 Amendment _____
 Renewal _____
 License _____
 3. OTHER _____

Signed _____
 Date _____

This is to acknowledge the receipt of your letter/application dated August 23, 2001, and to inform you that the initial processing which includes an administrative review has been performed.

Notif. There were no administrative omissions. Your application was assigned to a technical reviewer. Please note that the technical review may identify additional omissions or require additional information.

Please provide to this office within 30 days of your receipt of this card

A copy of your action has been forwarded to our License Fee & Accounts Receivable Branch, who will contact you separately if there is a fee issue involved.

Your action has been assigned Mail Control Number 130206. When calling to inquire about this action, please refer to this control number. You may call us on (610) 337-5398, or 337-5260.

Sincerely,
 Licensing Assistance Team Leader