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August 7, 2003

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

03020934

RE: License No. 37-23341-01 Quarterly Report- 2nd Quarter 2003

Dear Mr. Kinneman:

In accordance with condition No. 16 of the referenced license, enclosed is the quarterly report for the second quarter, 2003.

If you have any questions or comments, please contact Glenn Roberts at our Royersford facility at (610) 948 9700, or me at (413) 543-6911 extension 25.

Sincerely,

Michael R. Fuller, Manager, HP&E
UniTech Services Group

cc: Glenn Roberts, Certified Health Physicist
Dan Neely, Plant Manager/RSO, UniTech Royersford

133504

NMSS/RGNI MATERIALS-002

2003 - ROYERSFORD WASTEWATER DISCHARGE SUMMARY												
MONTH	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPT	OCT	NOV	DEC
GALLONS	330000	550000	1620000	1110000	460000	315000						
H-3	7.53E-06	7.53E-06	7.53E-06	1.25E-05	1.25E-05	1.25E-05						
mCi H-3	9.4053465	15.6755775	46.171701	52.516875	21.76375	14.9034375						
C-14	2.02E-06	2.02E-06	2.02E-06	2.29E-06	2.29E-06	2.29E-06						
mCi C-14	2.523081	4.205135	12.386034	9.6210915	3.987119	2.73030975						
K-40	3.05E-07				2.82E-07							
Cr-51			4.64E-07	2.91E-07								
Mn-54	3.68E-07	4.70E-07	6.02E-07	9.53E-07	1.41E-07	3.88E-08						
Fe-55	8.66E-06	8.66E-06	8.66E-06	1.34E-05	1.34E-05	1.34E-05						
Fe-59												
Co-57												
Co-58	2.57E-07	3.23E-07	4.12E-07	8.28E-07	2.63E-07	8.10E-08						
Co-60	5.42E-07	9.95E-07	9.10E-07	1.56E-06	2.53E-07	1.49E-07						
Ni-63	7.27E-07	7.27E-07	7.27E-07	1.07E-06	1.07E-06	1.07E-06						
Zn-65	1.28E-07		6.89E-08									
Sr-89												
Sr-90	2.31E-09	2.31E-09	2.31E-09	3.41E-09	3.41E-09	3.41E-09						
Zr-95				7.37E-08								
Nb-95			3.06E-08	1.59E-07								
Tc-99	3.46E-08	3.46E-08	3.46E-08	2.39E-07	2.39E-07	2.39E-07						
Ag-110m	2.66E-08											
Sn-113												
Sb-125												
I-125												
I-129	1.14E-08	1.14E-08	1.14E-08	<MDA	<MDA	<MDA						
Cs-134	3.22E-07	1.04E-07	3.80E-08		4.80E-08	8.49E-08						
Cs-137	8.10E-07	9.57E-07	5.37E-07	3.62E-07	2.94E-07	3.23E-07						
Eu-152												
Eu-154												
Pb-212												
Ra-226					3.11E-09							
Th-228												
Th-230												
Th-232												
Th-234	4.06E-07											
U-234												
U-235												
U-238												
Pu-238												
Pu-239												
Pu-241				<MDA	<MDA	<MDA						
Np-237												
Am-241												
Cm-244												
CONC.	1.26E-05	1.23E-05	1.25E-05	1.89E-05	1.60E-05	1.54E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ACTIVITY	15.7370682	25.5722378	76.625709	79.580081	27.8516942	18.3482777	0	0	0	0	0	0

ANNUAL TOTALS
4385000 GALLONS

160.43669 mCi H-3

35.45277 mCi C-14

1885000

243.71507 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.

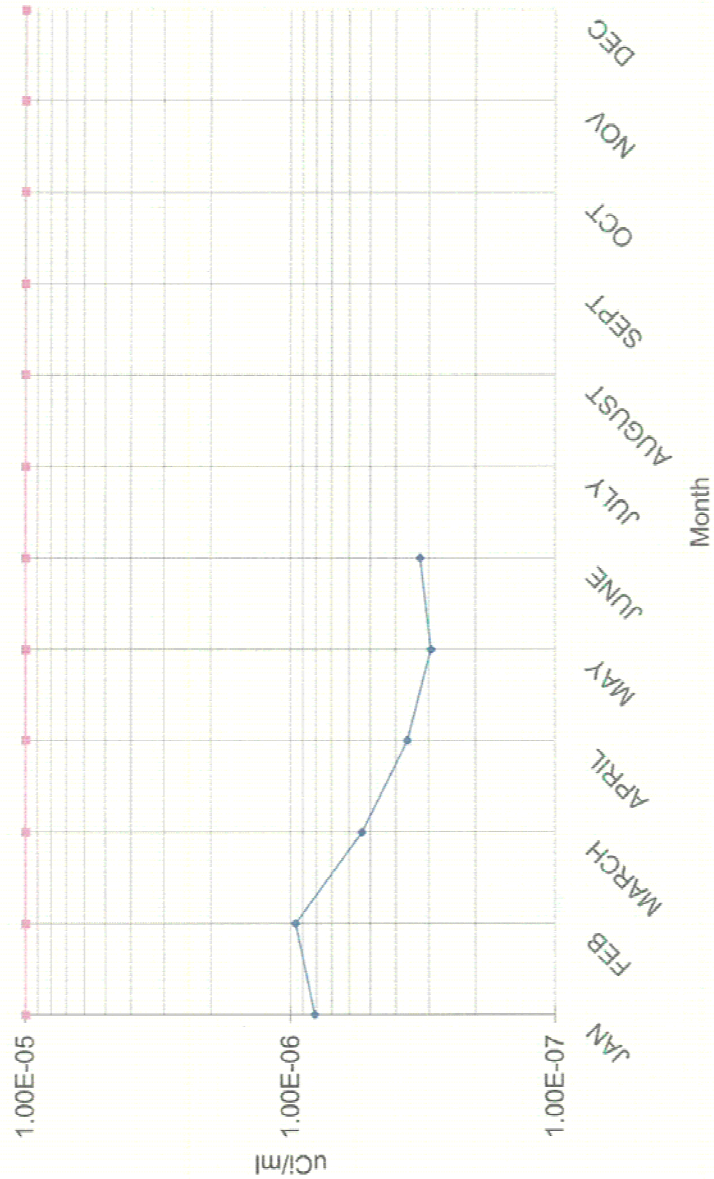
*Sr-89/90 analyzed and reported as total Sr unless >50 pCi/L. Conservatively assigned to Sr-90

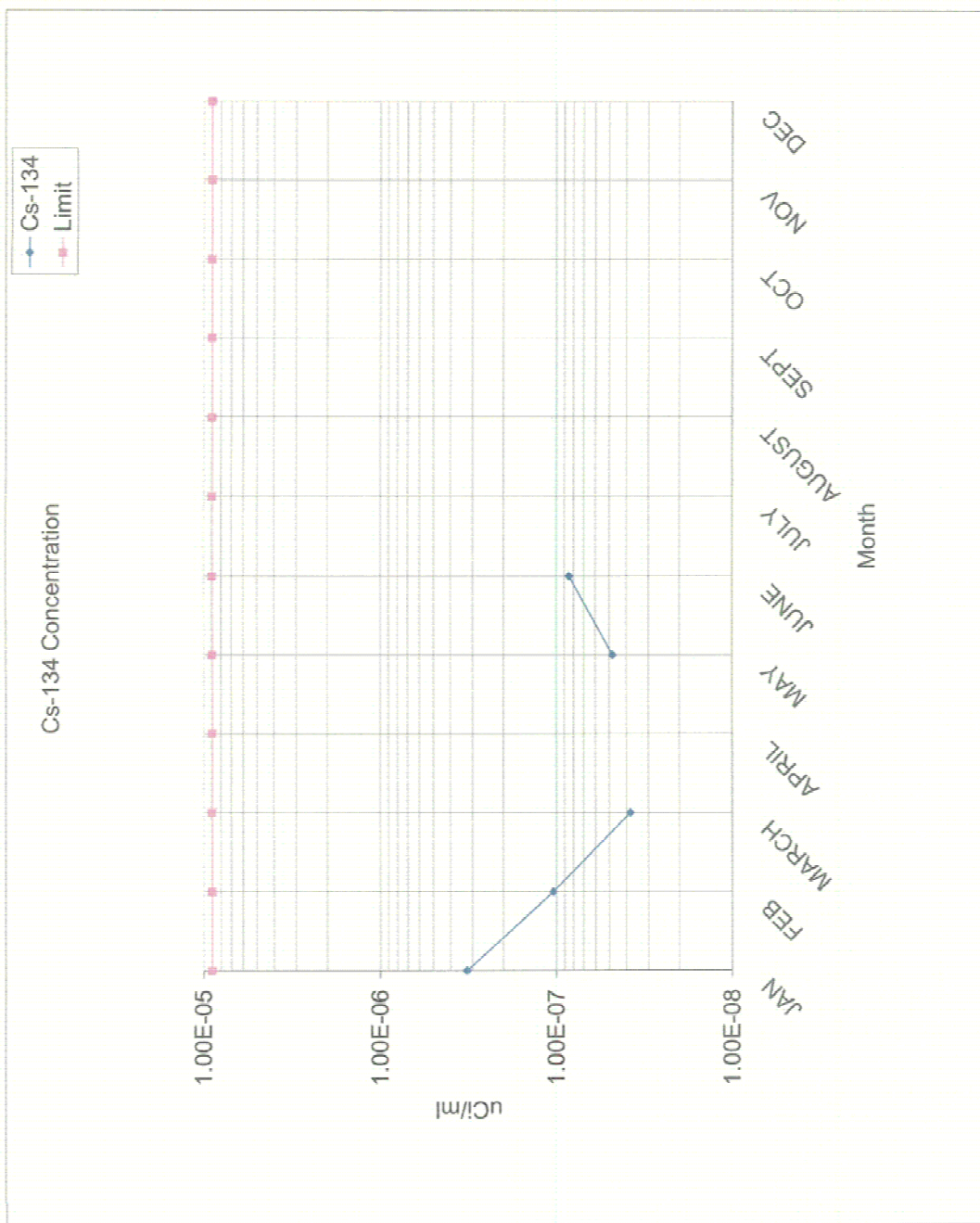
AORN - All other radionuclides (except for H-3 and C-14)

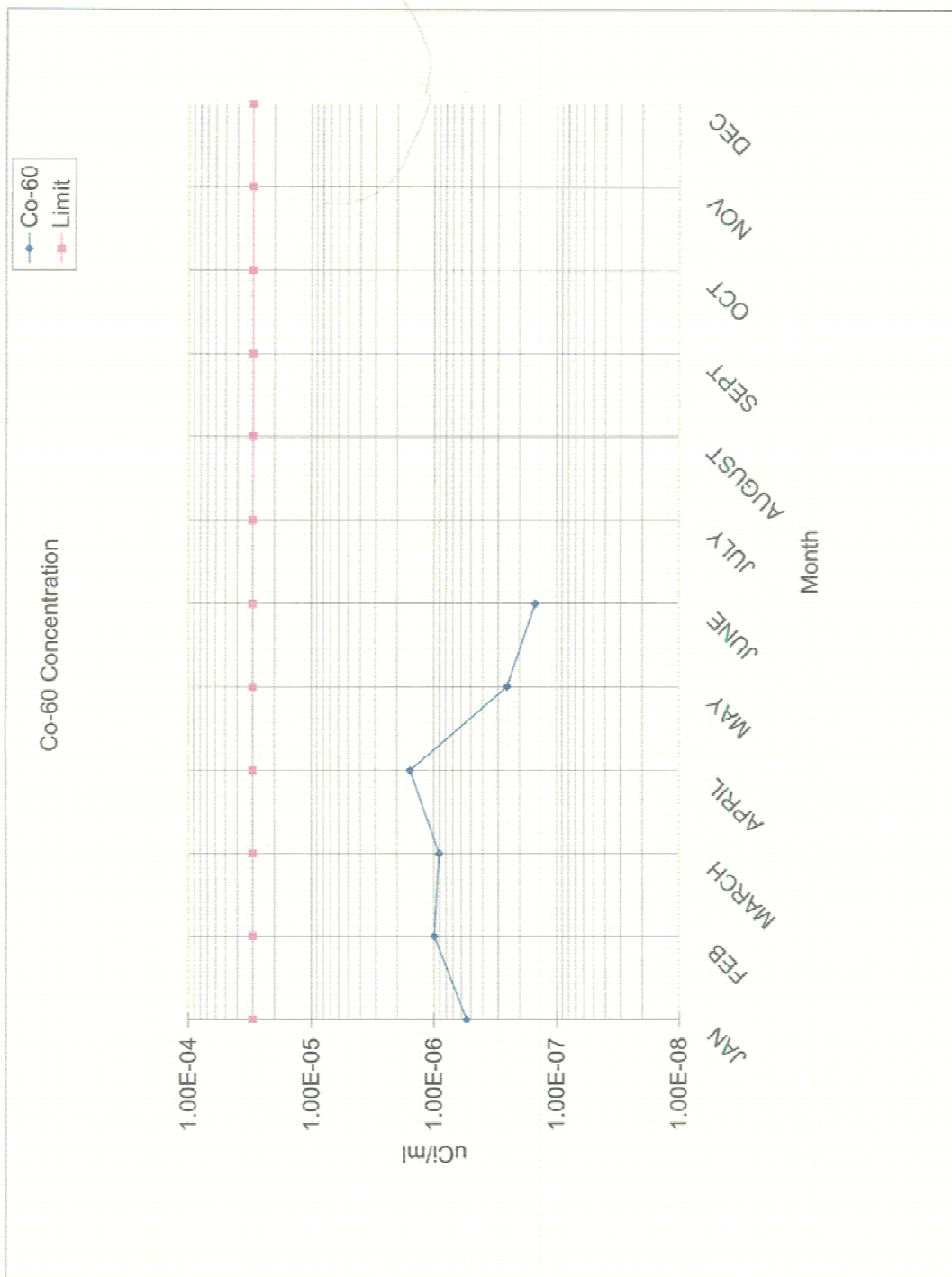
ND - No Data

079 - ROYERSFORD RATIOS OF DISCHARGES TO LIMITS													
	LIMIT	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPT	OCT	NOV	DEC
H-3	1.0E-02	0.00075	0.00075	0.00075	0.00125	0.00125	0.00125						
C-14	3.0E-04	0.00673	0.00673	0.00673	0.00763	0.00763	0.00763						
K-40	4.0E-05	0.00764				0.00705							
Cr-51	5.0E-03			0.00009	0.00006								
Mn-54	3.0E-04	0.00123	0.00157	0.00201	0.00318	0.00047	0.00013						
Fe-55	1.0E-03	0.00866	0.00866	0.00866	0.01340	0.01340	0.01340						
Fe-59	1.0E-04												
Co-57	6.0E-04												
Co-58	2.0E-04	0.00129	0.00161	0.00206	0.00414	0.00131	0.00040						
Co-60	3.0E-05	0.01805	0.03317	0.03032	0.05210	0.00844	0.00496						
Ni-63	1.0E-03	0.00073	0.00073	0.00073	0.00107	0.00107	0.00107						
Zn-65	5.0E-05	0.00257		0.00138									
Sr-89	8.0E-05												
Sr-90	5.0E-06	0.00046	0.00046	0.00046	0.00068	0.00068	0.00068						
Zr-95	2.0E-04				0.00037								
Nb-95	3.0E-04			0.00010	0.00053								
Tc-99	6.0E-04	0.00006	0.00006	0.00006	0.00040	0.00040	0.00040						
Ag-110m	6.0E-05	0.00044											
Sn-113	3.0E-05												
Sb-125	3.0E-04												
I-125	2.0E-05												
I-129	2.0E-06	0.00570	0.00570	0.00570									
Cs-134	9.0E-06	0.03578	0.01156	0.00422		0.00533	0.00944						
Cs-137	1.0E-05	0.08096	0.09566	0.05368	0.03616	0.02944	0.03234						
Eu-152	1.0E-04												
Eu-154	7.0E-05												
Pb-212	2.0E-06												
Ra-226	6.0E-07					0.00518							
Th-228	2.0E-06												
Th-230	1.0E-06												
Th-232	5.0E-05												
Th-234	5.0E-05	0.00811											
U-234	3.0E-06												
U-235	3.0E-06												
U-238	3.0E-06												
Pu-238	2.0E-07												
Pu-239	2.0E-07												
Pu-241	1.0E-05												
Np-237	2.0E-07												
Am-241	2.0E-07												
Cm-244	3.0E-07												
TOTAL	1.00	0.17915	0.16666	0.11695	0.12096	0.08166	0.07170	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

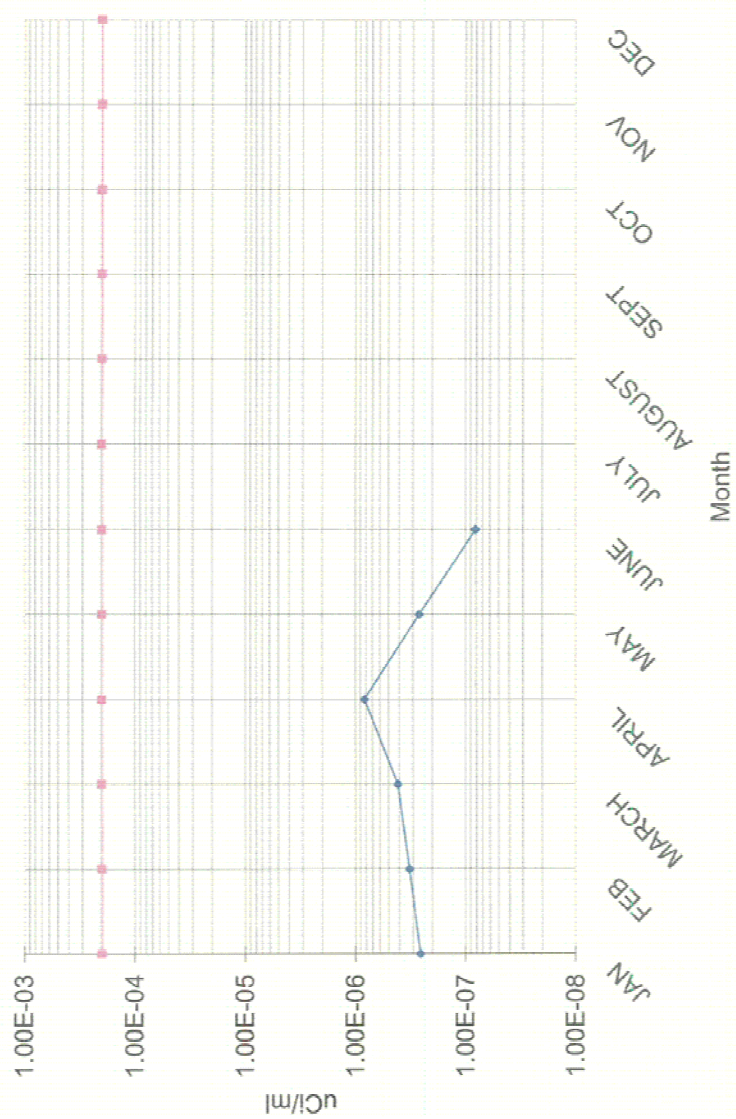
Cs-137 Concentration



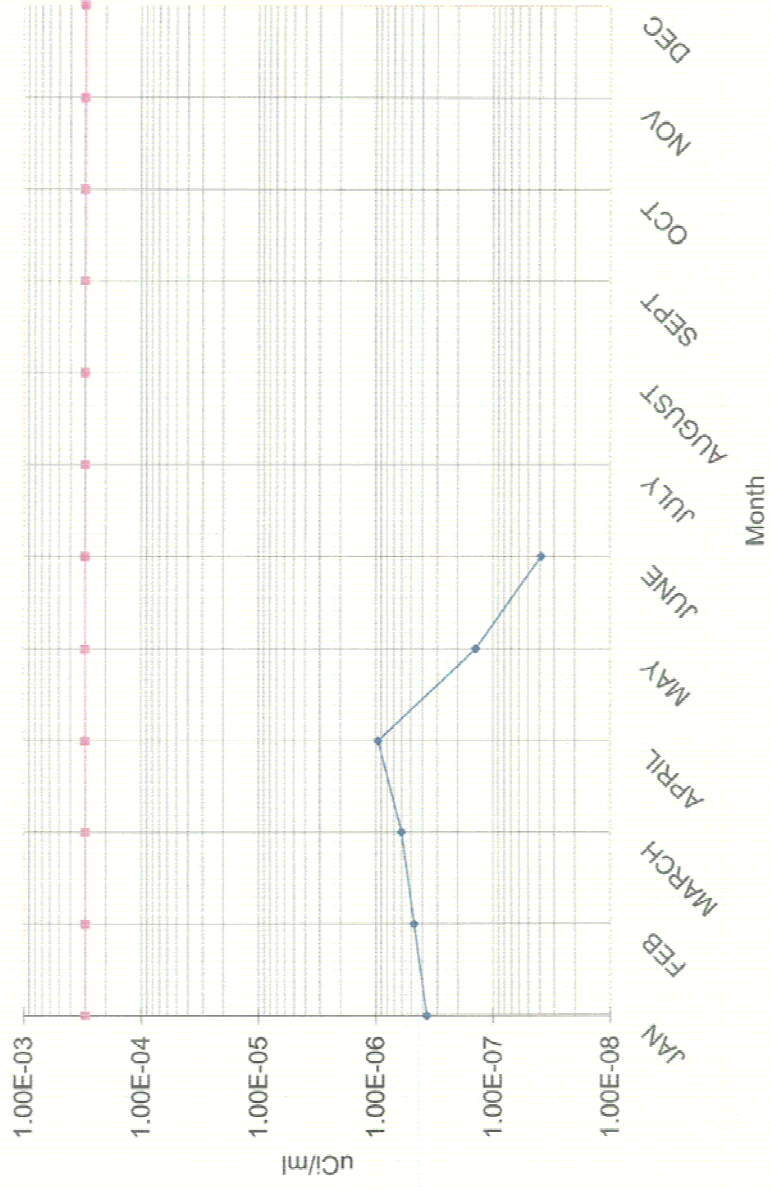


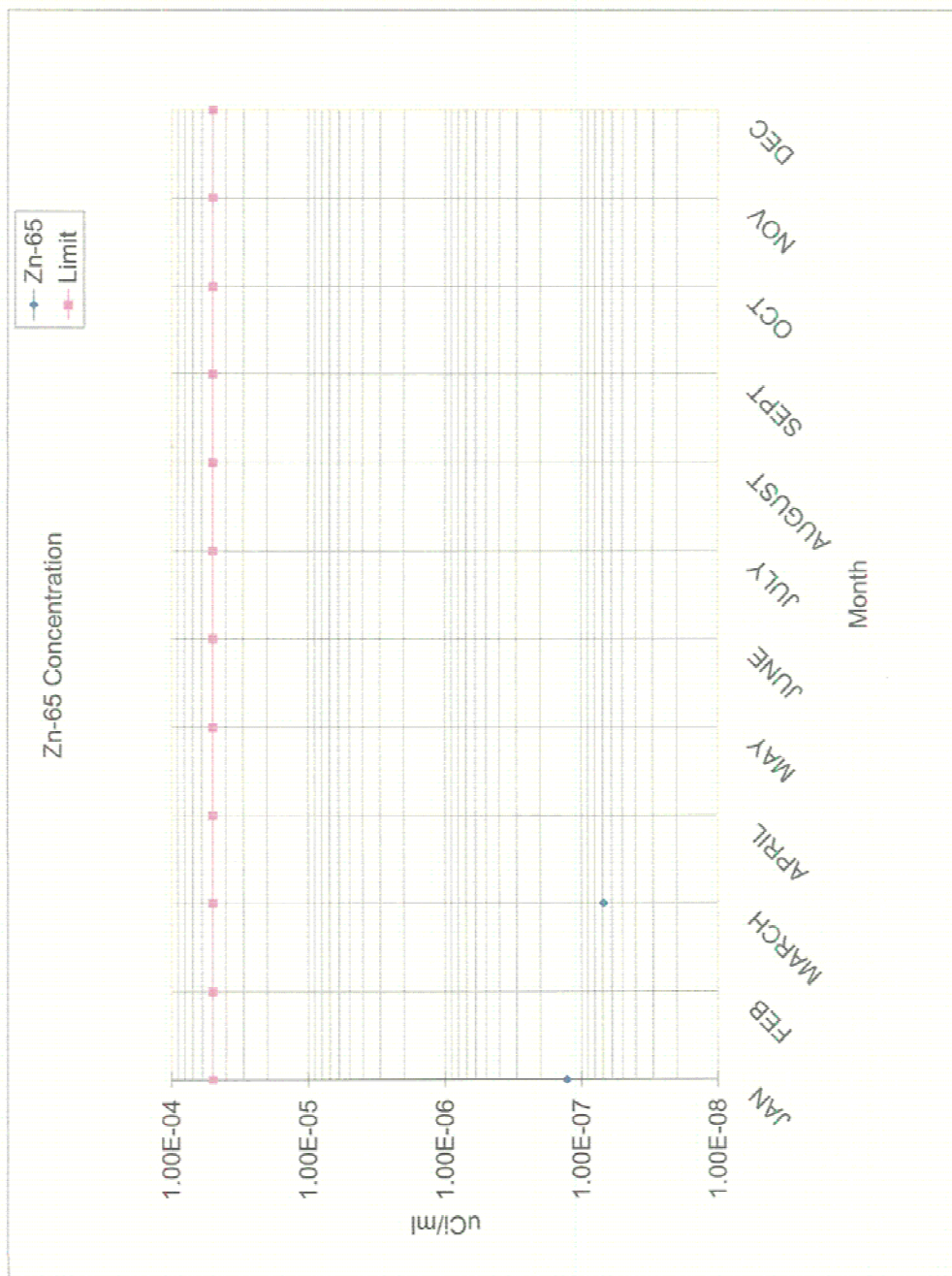


Co-58 Concentration



Mn-54 Concentration





This is to acknowledge the receipt of your letter/application dated

8/7/2003, and to inform you that the initial processing which includes an administrative review has been performed.

☒ **NOTIFICATION 37-23341-01 (LND & TR 2003 REPORT)**
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** 133504.
When calling to inquire about this action, please refer to this control number.
You may call us on (610) 337-5398, or 337-5260.

BETWEEN:

License Fee Management Branch, ARM
and
Regional Licensing Sections

: (FOR LFMS USE)
: INFORMATION FROM LTS
: -----
:
: Program Code: 03218
: Status Code: 0
: Fee Category: 6A
: Exp. Date: 20050831
: Fee Comments: CALIBRATION IS FOR THEM
: Decom Fin Assur Req'd: Y
: ::::::::::::::::::::::::::::::::::::::

LICENSE FEE TRANSMITTAL

A. REGION I

1. APPLICATION ATTACHED

Applicant/Licensee: UNITECH SERVICES GROUP, INC.
Received Date: 20030808
Docket No: 3020934
Control No.: 133504
License No.: 37-23341-01
Action Type: Notifications

2. FEE ATTACHED

Amount: /
Check No.: /

3. COMMENTS

Signed M. A. Perkins
Date 8/11/03

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 _____