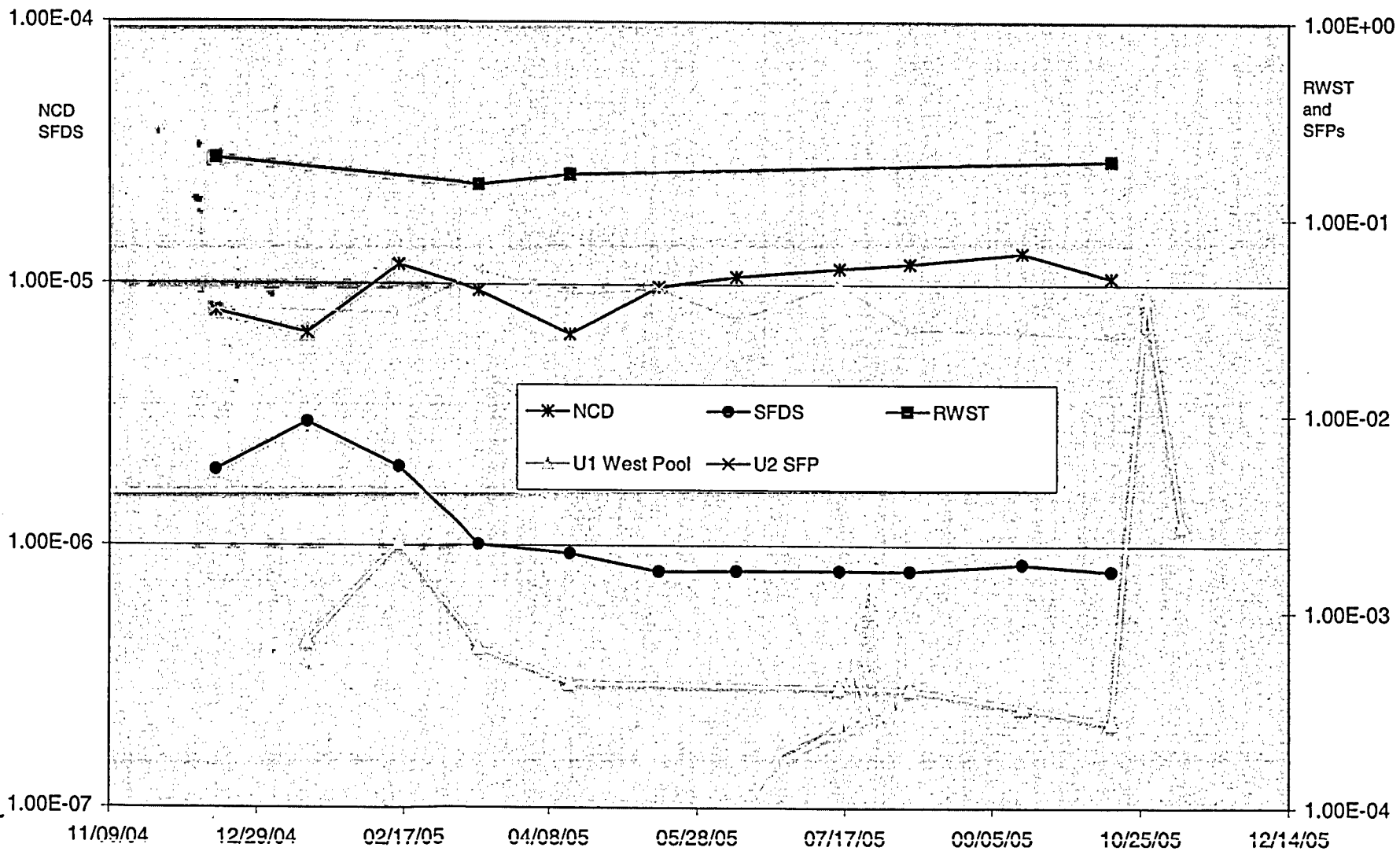


Unit 1 and 2 Tritiums



17/8/1

Tritium uCi/ml, 2005

Date	RCS	RWST	U1 West Pool	U2 SFP	NCD	SFDS
12/15/04	4.21E-01	2.00E-01		3.49E-02	7.87E-06	1.94E-06
01/15/05	4.21E-01		7.05E-04		6.51E-06	2.97E-06
02/15/05	7.94E-01		2.22E-03	3.30E-02	1.18E-05	2.00E-06
03/15/05	1.10E+00	1.49E-01	6.55E-04	5.46E-02	9.50E-06	1.01E-06
04/15/05	1.20E+00	1.68E-01	4.35E-04	4.16E-02	6.48E-06	9.34E-07
05/15/05	1.31E+00			4.39E-02	9.79E-06	7.97E-07
06/10/05	1.43E+00			3.10E-02	1.07E-05	8.00E-07
07/15/05	7.13E-01		4.13E-04	4.67E-02	1.15E-05	8.00E-07
08/08/05	1.55E+00		4.03E-04	2.75E-02	1.20E-05	8.00E-07
09/15/05	1.47E+00		3.27E-04	2.65E-02	1.32E-05	8.53E-07
10/15/05	1.42E+00	1.97E-01	2.72E-04	2.52E-02	1.06E-05	8.00E-07
10/27/05	1.39E+00		4.00E-02	2.58E-02		
11/08/05			2.75E-03			

**GAMMA SPECTROSCOPY SYSTEM
OPERATION**

No: RE-CS-300A

Rev: 12

Page 1 of 1

ATTACHMENT 2

Chem Sample Number

74655

Indian Point No. 3 Nuclear Power Plant
Sample Data and Analysis Sheet

Collected by:

Javers init

Sample Description:	U2 FS3 WELL WATER (P-1) FROM DRUMS #1, 2, 3
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Sample Collection Date:	<u>11/18/05</u>	Time:	<u>1500</u>	Volume:	<u>500</u>	Container:	<u>PB</u>
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Milli-Filter Condition:				Charcoal Cartridge			
Date	On:	Off:	Mid:	On:	Off:	Mid:	
Time	On:	Off:	Mid:	On:	Off:	Mid:	
Meter	On:	Off:		On:	Off:		
Volume		ft ³	cc		ft ³	cc	cc
						Adjusted Char Volume x (.970)	cc

UNIT STATUS	
% Power	
Letdown	
Mixed Bed	
FI-903	

Handwritten note:
Ra-226 @ approx 2.5E-6 uCi/gm

WASTE TANKS FOR RELEASE	
Total Gamma Activity:	uCi/ml
Allowable Diluted Concentration (ADC):	uCi/ml
Gamma Activity w/o Noble Gas:	uCi/ml
Allowable Boron Discharge Rate:	gpm
Boron:	ppm pounds
Tank Volume (gal):	gal
Circ Flow (gpm):	gpm
Recirc Start Date/Time:	<u>11/18/05</u>

Rad Monitor Data	

Handwritten note:
No other gamma

Remarks:	#1 Ra-226 IDENT. NP OMITTED FROM EBAR #2 Ra-226 IDENT. NP OMITTED FROM EBAR #3 Ra-226 IDENT. NP OMITTED FROM EBAR
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Total Activity:	#1 < MDA #2 < MDA #3 < MDA	Dose Eq Iodine:	
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Reviewed by:

Handwritten signature

Date	Time	System	Unit	Activity	Sample ID
7/19/2004	3:00:00 PM	15 Weir	2	<mda	71006
8/17/2004	4:00:00 PM	15 Weir	2	<mda	71179
9/16/2004	5:20:00 PM	15 Weir	2	<mda	71392
10/13/2004	4:30:00 PM	15 Weir	2	<mda	71598
11/7/2004	12:00:00 PM	15 Weir	2	<mda	71174
12/7/2004	10:25:00 AM	15 Weir	2	<mda	71955
1/6/2005	8:30:00 AM	15 Weir	2	<mda	72123
1/31/2005	11:23:00 AM	15 Weir	2	<mda	72263
2/28/2005	1:44:00 PM	15 Weir	2	<mda	4380
3/27/2005	6:35:00 PM	15 Weir	2	<mda	4645
4/27/2005	12:30:00 PM	15 Weir	2	<mda	4920
5/26/2005	8:30:00 AM	15 Weir	2	<mda	73461
8/18/2005	8:20:00 AM	15 Weir	2	<mda	6069
9/16/2005	1:39:00 PM	15 Weir	2	<mda	6395
10/17/2005	9:59:00 AM	15 Weir	2	<mda	6754

Date	Time	System	Unit	Activity	Sample ID
9/6/2004	4:50:00 PM	Containment Spray Sum	1	3.28E-06	2205
10/4/2004	1:50:00 PM	Containment Spray Sum	1	2.85E-06	2581
11/1/2004	5:15:00 PM	Containment Spray Sum	1	2.34E-06	3171
12/30/2004	9:15:00 AM	Containment Spray Sum	1	2.65E-06	72083
2/21/2005	6:30:00 PM	Containment Spray Sum	1	3.01E-06	4320
5/16/2005	12:25:00 PM	Containment Spray Sum	1	3.27E-06	5069
9/8/2005	12:00:00 PM	Containment Spray Sum	1	3.376E-06	6287
11/3/2005	12:30:00 PM	Containment Spray Sum	1	2.83E-06	7041

Date	Time	System	Unit	Activity	Sample ID	Tritium
1/6/2005	8:35:00 AM	5 Sump South	2	<mda	72123	3.39E-06
1/31/2005	10:30:00 AM	5 Sump South	2	<mda	72265	3.67E-06
2/28/2005	4:37:00 PM	5 Sump South	2	<mda	4425	3.97E-06
3/27/2005	1:00:00 PM	5 Sump South	2	<mda	4648	4.27E-06
4/27/2005	2:30:00 PM	5 Sump South	2	<mda	4921	4.05E-06
5/26/2005	8:40:00 AM	5 Sump South	2	<mda	73461	3.49E-06
8/15/2005	12:00:00 PM	5 Sump South	2			<mda
8/18/2005	8:23:00 AM	5 Sump South	2	<mda	6067	
9/16/2005	1:37:00 PM	5 Sump South	2	<mda	6393	
10/17/2005	9:58:00 AM	5 Sump South	2	<mda	6756	
11/10/2005	4:00:00 PM	5 Sump South	2			2.19E-06

Date	Time	System	Unit	Activity	Sample ID	Tritium
5/28/2002	6:24:00 PM	5 Sump North	2			x
6/2/2004	12:00:00 PM	5 Sump North	2			1.05E-05
6/29/2004	4:10:00 PM	5 Sump North	2			1.23E-05
7/19/2004	3:00:00 PM	5 Sump North	2	<mda	71005	2.00E-05
8/17/2004	4:00:00 PM	5 Sump North	2	<mda	71179	3.82E-06
9/16/2004	4:30:00 PM	5 Sump North	2	<mda	71394	2.31E-06
10/13/2004	4:40:00 PM	5 Sump North	2	<mda	71597	1.91E-06
11/7/2004	12:00:00 PM	5 Sump North	2	<mda	71174	3.72E-06
12/7/2004	10:45:00 AM	5 Sump North	2	<mda	71959	1.58E-06
1/6/2005	8:37:00 AM	5 Sump North	2	<mda	72123	2.08E-06
1/31/2005	10:29:00 AM	5 Sump North	2	<mda	72266	1.98E-06
2/28/2005	4:36:00 PM	5 Sump North	2	<mda	4432	5.93E-06
3/27/2005	1:00:00 PM	5 Sump North	2	<mda	4647	5.04E-06
4/27/2005	12:30:00 PM	5 Sump North	2	<mda	4922	3.15E-06
5/26/2005	8:50:00 AM	5 Sump North	2	<mda	73461	2.37E-06
8/15/2005	12:00:00 PM	5 Sump North	2			2.37E-06
8/18/2005	8:23:00 AM	5 Sump North	2	<mda	6066	
9/16/2005	1:36:00 PM	5 Sump North	2	<mda	6394	
10/17/2005	9:58:00 AM	5 Sump North	2	<mda	6755	
11/10/2005	4:00:00 PM	5 Sump North	2			2.07E-06

Date	Time	System	Unit	Activity	Sample ID
7/19/2004	3:00:00 PM	Utility Tunnel Sump	2	1.32E-07	71015
8/17/2004	4:00:00 PM	Utility Tunnel Sump	2	<mda	71179
9/16/2004	4:43:00 PM	Utility Tunnel Sump	2		see note
10/15/2004	4:15:00 PM	Utility Tunnel Sump	2	7.49E-07	71611
11/7/2004	12:00:00 PM	Utility Tunnel Sump	2	<mda	71174
12/7/2004	10:31:00 AM	Utility Tunnel Sump	2	<mda	71956
1/6/2005	8:25:00 AM	Utility Tunnel Sump	2	<mda	72123
1/31/2005	11:24:00 AM	Utility Tunnel Sump	2	<mda	72264
2/28/2005	1:49:00 PM	Utility Tunnel Sump	2	<mda	4379
3/27/2005	3:45:00 PM	Utility Tunnel Sump	2	<mda	4649
4/26/2005	2:28:00 PM	Utility Tunnel Sump	2	<mda	4910
5/26/2005	8:25:00 AM	Utility Tunnel Sump	2	<mda	73461
8/18/2005	8:18:00 AM	Utility Tunnel Sump	2	4.67E-07	6068
9/16/2005	1:38:00 PM	Utility Tunnel Sump	2	1.87E-07	6396
10/17/2005	1:42:00 PM	Utility Tunnel Sump	2	5.57E-07	6757

Date	Time	System	Unit	Activity	Sample ID	Tritium
7/19/2004	3:00:00 PM	Manhole #3	2	<mda	71001	
8/17/2004	4:00:00 PM	Manhole #3	2	<mda	71179	
9/16/2004	5:25:00 PM	Manhole #3	2	<mda	71397	
10/15/2004	4:41:00 PM	Manhole #3	2	<mda	71611	
11/7/2004	12:00:00 PM	Manhole #3	2	<mda	71174	
12/8/2004	8:28:00 AM	Manhole #3	2	<mda	71970	
1/6/2005	8:47:00 AM	Manhole #3	2	<mda	72123	
1/31/2005	10:01:00 AM	Manhole #3	2	<mda		
2/28/2005	1:40:00 PM	Manhole #3	2	<mda	4418	
3/27/2005	3:42:00 PM	Manhole #3	2	<mda	4643	
4/26/2005	2:27:00 PM	Manhole #3	2	<mda	4905	
5/26/2005	9:05:00 AM	Manhole #3	2	<mda	73461	
8/18/2005	8:17:00 AM	Manhole #3	2	<mda	6064	
9/16/2005	1:35:00 PM	Manhole #3	2	<mda	6392	
10/19/2005	1:10:00 PM	Manhole #3	2	<mda	6793	
11/10/2005	4:00:00 PM	Manhole #3	2			1.95E-06

Date	Time	System	Unit	Activity	Sample ID	Tritium
7/19/2004	3:00:00 PM	Manhole #5	2	<mda	71003	
8/17/2004	4:00:00 PM	Manhole #5	2	<mda	71179	
9/16/2004	5:26:00 PM	Manhole #5	2	<mda	71396	
10/15/2004	4:42:00 PM	Manhole #5	2	<mda	71611	
11/7/2004	12:00:00 PM	Manhole #5	2	<mda	71174	
12/7/2004	10:55:00 AM	Manhole #5	2	<mda	71960	
1/6/2005	8:40:00 AM	Manhole #5	2	<mda	72123	
1/31/2005	10:02:00 AM	Manhole #5	2	<mda	72267	
2/28/2005	1:47:00 PM	Manhole #5	2	<mda	4424	
3/27/2005	3:43:00 PM	Manhole #5	2	<mda	4644	
4/26/2005	2:27:00 PM	Manhole #5	2	<mda	4906	
5/26/2005	9:15:00 AM	Manhole #5	2	<mda	73481	
8/18/2005	8:17:00 AM	Manhole #5	2	<mda	6065	
9/16/2005	1:35:00 PM	Manhole #5	2	<mda	6391	
10/19/2005	1:10:00 PM	Manhole #5	2	<mda	6794	
11/10/2005	4:00:00 PM	Manhole #5	2			2.39E-06

Date	Time	System	Unit	Activity	Sample ID	Tritium
7/19/2004	3:00:00 PM	Manhole #6	2	<mda	71002	
8/17/2004	4:00:00 PM	Manhole #6	2	<mda	71179	
9/16/2004	5:26:00 PM	Manhole #6	2	<mda	71395	
10/15/2004	4:42:00 PM	Manhole #6	2	<mda	71611	
11/7/2004	12:00:00 PM	Manhole #6	2	<mda	71174	
12/8/2004	8:20:00 AM	Manhole #6	2	<mda	71969	
1/6/2005	1:00:00 PM	Manhole #6	2	<mda	72123	
1/31/2005	10:03:00 AM	Manhole #6	2	<mda	72269	
2/28/2005	1:48:00 PM	Manhole #6	2	<mda	4419	
3/27/2005	3:43:00 PM	Manhole #6	2	<mda	4646	
4/26/2005	2:28:00 PM	Manhole #6	2	<mda	4909	
5/26/2005	9:25:00 AM	Manhole #6	2	<mda	73461	
8/19/2005	1:30:00 PM	Manhole #6	2	<mda	6120	
9/16/2005	1:36:00 PM	Manhole #6	2	<mda	6390	
10/19/2005	1:11:00 PM	Manhole #6	2	<mda	6795	
11/10/2005	12:00:00 PM	Manhole #6	2			5.13E-05

4-Aug-04
15-Oct-04
6-Nov-04
13-Nov-04

PWST = 6e-6
AI MHs near mda
b.jsfp cool=8E-6
FWST = 4.6E-6

10/15/04
10/15/04

10/15/04
10/15/04

Tritium uCi/ml

Date	RCS	RWST	U1 West Pool	U2 SFP	NCD	SFDS
09/11/00				3.03E-02	4.91E-06	1.70E-06
09/21/00				2.65E-02		
10/12/00				2.72E-02	4.27E-06	1.25E-06
11/13/00				3.07E-02	6.14E-03	1.86E-06
12/15/00	1.41E-01				4.48E-06	
01/15/01	4.30E-01				3.65E-06	1.76E-06
02/22/01	1.19E+00				2.40E-06	
03/15/01	6.96E-01				3.06E-06	9.91E-07
04/15/01	8.38E-01				2.42E-06	1.12E-06
05/15/01	1.22E+00				4.06E-05	4.97E-07
06/15/01	1.33E+00				1.40E-06	
07/15/01	1.72E+00				3.70E-06	1.51E-06
08/15/01	1.63E+00				2.24E-04	1.17E-06
09/15/01	1.70E+00				2.00E-06	7.08E-07
10/15/01	9.95E-01				2.15E-06	8.11E-07
11/15/01	8.25E-01					1.20E-06
12/15/01	1.01E+00				5.77E-06	1.54E-05
01/15/02	1.15E+00				9.48E-06	2.83E-06
02/15/02	1.56E+00				8.63E-06	1.97E-06
03/15/02	1.68E+00				4.59E-06	1.56E-06
04/15/02	1.59E+00				3.49E-04	1.31E-05
05/15/02	1.47E+00				8.94E-05	
06/15/02	1.44E+00				1.90E-06	5.70E-07
07/15/02	1.39E+00				2.84E-06	
08/15/02	1.10E+00				8.45E-06	1.85E-06
09/15/02	2.10E-01				1.50E-05	1.31E-06
10/15/02	3.26E-01			1.70E-02	4.36E-06	
11/15/02	5.66E-02				4.04E-06	1.08E-06
12/15/02	6.00E-01				2.25E-06	
01/15/03	6.25E-01				1.43E-05	1.09E-06
02/15/03	7.59E-01	6.99E-02	1.94E-03	2.27E-02	1.86E-05	
03/15/03	9.28E-01	5.75E-02	4.77E-03	2.15E-02	1.85E-06	
04/15/03	1.56E+00	3.46E-02	6.72E-04	1.67E-02	4.64E-06	7.22E-07
05/15/03	1.24E+00			1.93E-02	3.63E-06	1.78E-06
06/15/03	1.40E+00	5.76E-02	2.35E-03	1.98E-02	8.47E-05	6.22E-07
07/15/03	1.67E+00	5.85E-02		1.76E-02	2.27E-06	
08/15/03	1.59E+00		6.20E-04	1.94E-02	2.38E-05	
09/15/03	1.22E+00	6.08E-02	3.90E-03	1.64E-02	3.00E-05	2.00E-06
10/15/03	1.81E+00				4.02E-05	
11/15/03	1.91E+00	5.88E-02	4.94E-04	3.09E-03	1.06E-05	4.99E-06
12/15/03	2.00E+00			1.54E-02	1.29E-05	
01/15/04	2.01E+00	5.86E-02			1.94E-05	2.13E-06
02/15/04	2.13E+00	6.21E-02	5.24E-04	1.51E-02	1.50E-05	
03/15/04	2.19E+00	6.73E-02		1.45E-02	3.78E-05	1.85E-06
04/15/04	1.73E+00	6.87E-02	1.02E-03	1.43E-02	6.24E-05	4.27E-06
05/15/04	2.00E+00	6.94E-02	1.54E-03	1.77E-02	3.25E-05	4.60E-06
06/15/04	1.79E+00	7.25E-02	1.22E-03	1.34E-02	3.96E-05	2.69E-06
07/15/04	1.55E+00			1.37E-02	3.25E-05	8.25E-06

08/15/04	1.16E+00	7.75E-02	4.78E-04	1.55E-02	1.99E-05	2.52E-06
09/15/04	3.32E-01			1.26E-02	9.37E-06	5.44E-06
10/15/04	3.48E-02			1.28E-02	9.40E-06	
11/15/04	8.69E-02	1.55E-01	4.83E-04	3.71E-02	7.87E-06	
12/15/04	2.98E-01	2.00E-01		3.49E-02	7.87E-06	1.94E-06
01/15/05	4.21E-01		7.05E-04		6.51E-06	2.97E-06
02/15/05	7.94E-01		2.22E-03	3.30E-02	1.18E-05	2.00E-06
03/15/05	1.10E+00	1.49E-01	6.55E-04	5.46E-02	9.50E-06	1.01E-06
04/15/05	1.20E+00	1.68E-01	4.35E-04	4.16E-02	6.48E-06	9.34E-07
05/15/05	1.31E+00			4.39E-02	9.79E-06	7.97E-07
06/10/05	1.43E+00			3.10E-02	1.07E-05	8.00E-07
07/15/05	7.13E-01		4.13E-04	4.67E-02	1.15E-05	8.00E-07
08/08/05	1.55E+00		4.03E-04	2.75E-02	1.20E-05	8.00E-07
09/15/05	1.47E+00		3.27E-04	2.65E-02	1.32E-05	8.53E-07
10/15/05	1.42E+00	1.97E-01	2.72E-04	2.52E-02	1.06E-05	8.00E-07
10/27/05	1.39E+00		4.00E-02	2.58E-02		
11/03/05			2.75E-03			

08/15/04

11/03/05

Unit 1 and 2 Tritiums

