

## Attachment 3

**Tritium Sample Results  
Dresden Generating Station**

#	Collection Date	NRC				Licensee			Ratio: Licensee to NRC	Result
		Sample ID	Tritium pCi/L $\pm$ uncertainty		MDC	Sample ID	Tritium pCi/L $\pm$ uncertainty			
1	2/18/2006	D-06-1-01	61600	1500	390	T1	47400		0.77	Non-agreement
	<b>Recount 1</b>	D-06-1-01	61500	2000	400	T1	69500		1.13	Agreement
2	2/19/2006	D-06-1-02	36700	1100	390	E3	30000		0.82	Agreement
3	2/20/2006	D-06-1-03	74300	1700	390	T6	57600		0.78	Non-agreement
	<b>Recount 1</b>	D-06-1-03				T6	56000		0.75	Non-agreement
	<b>Recount 2</b>	D-06-5-01	72100	2000	200				0.80	Non-agreement
4	2/14/2006	D-06-1-04	570	130	200	D23	739		1.30	Agreement
5	2/21/2006	D-06-1-05	11040	610	430	DSP-124	9500		0.86	Agreement
6	2/22/2006	D-06-1-06	14000	670	390	DSP-123	11200		0.80	Agreement
7	2/23/2006	D-06-1-07	7210	500	390	Excavation GW	6700		0.93	Agreement
8	2/24/2006	D-06-1-08	43500	1200	390	T1	34700		0.80	Non-agreement
9	2/25/2006	D-06-1-09	2650	350	390	DSP-140	3300		1.25	Agreement
10	2/26/2006	D-06-1-10	<MDC		430	DSP-116	1100		n/a	Non-agreement
	<b>Recount 1</b>	D-06-1-10				DSP-116	505		n/a	Agreement
11	2/27/2006	D-06-1-11	47600	1300	390	T1	38800		0.82	Agreement
12	2/28/2006	D-06-1-12	9490	560	390	DSP-124	6600		0.70	Non-agreement
13	3/1/2006	D-06-1-13	71200	1600	390	T1	57700		0.81	Agreement
14	3/2/2006	D-06-1-14	4580	420	390	DSP-140	21100		4.61	Non-agreement
	<b>Recount 1</b>	D-06-1-14	4550	430	390	DSP-140	4300		0.95	Agreement
15	3/3/2006	D-06-1-15	<MDC		430	E5	1100		n/a	Non-agreement
	<b>Recount 1</b>	D-06-1-15				E5	<MDC		n/a	Agreement
16	3/3/2006	D-06-1-16	115500	2200	390	T1	89200		0.77	Non-agreement

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	<b>Recount 1</b>	D-06-1-16				T1	88100		0.76	Non-agreement
	<b>Recount 2</b>	D-06-5-02	111000	3000	240				0.80	Agreement
17	3/3/2006	D-06-1-17	6790	490	390	T6	6200		0.91	Agreement
18	3/3/2006	D-06-1-18	<MDC		390	DSP-116	2400		n/a	Non-agreement
	<b>Recount 1</b>	D-06-1-18	<MDC			DSP-116	<MDC		n/a	Agreement
19	3/3/2006	D-06-1-19	10130	590	430	DSP-124	9600		0.95	Agreement
20	3/3/2006	D-06-1-20	560	270	430	DSP-125	1800		3.21	Non-agreement
	<b>Recount 1</b>	D-06-1-20				DSP-125	807		1.44	Agreement
21	3/3/2006	D-06-1-21	460	270	430	DSP-131	1900		4.13	Non-agreement
	<b>Recount 1</b>	D-06-1-21	690	260	390	DSP-131	661		0.96	Agreement
22	3/3/2006	D-06-1-22	670	280	430	DSP-132	1800		2.69	Non-agreement
	<b>Recount 1</b>	D-06-1-22				DSP-132	706		1.05	Agreement
23	3/3/2006	D-06-1-23	4310	420	430	DSP-140	5000		1.16	Agreement
24	3/3/2006	D-06-1-24	1000	290	430	Storm Sewer K	2200		2.20	Non-agreement
	<b>Recount 1</b>	D-06-1-24				Storm Sewer K	1110		1.11	Agreement
25	3/3/2006	D-06-1-25	1750	330	430	Excavation GW	2200		1.26	Agreement
26	3/3/2006	D-06-1-26	6410	490	430	East Holding Tank	6700		1.05	Agreement
27	3/3/2006	D-06-1-27	3820	400	430	West Holding Tank	4100		1.07	Agreement
28	3/4/2006	D-06-1-28	131100	2400	430	T1	102000		0.78	Non-agreement
	<b>Recount 1</b>	D-06-1-28				T1	101000		0.77	Non-agreement
	<b>Recount 2</b>	D-06-5-03	158200	4500	620				0.64	Non-agreement
29	3/5/2009	D-06-1-29	10040	580	430	DSP-124	7300		0.73	Non-agreement

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		Sample ID	Tritium pCi/L ± uncertainty		MDC	Sample ID	Tritium pCi/L ± uncertainty			
30	3/6/2006	D-06-1-30	14100	680	430	Tank 255387	12900		0.91	Agreement
31	3/7/2006	D-06-1-31	7550	520	430	T6	6000		0.79	Agreement
32	3/8/2006	D-06-1-32	83300	1300	220	W3	66800		0.80	Agreement
33	3/9/2006	D-06-1-33	250300	3900	430	T1	195200		0.78	Non-agreement
	<b>Recount 1</b>	D-06-1-33				T1	195000		0.78	Non-agreement
	<b>Recount 2</b>	D-06-5-04	245100	6700	360				0.80	Non-agreement
34	3/10/2006	D-06-1-34	43500	1200	430	Excavation GW	22600		0.52	Non-agreement
35	3/11/2006	D-06-1-35	6540	490	430	DSP-124	6000		0.92	Agreement
36	3/12/2006	D-06-1-36	225800	3600	430	T1	277900		1.23	Agreement
	<b>Recount 1</b>	D-06-1-36				T1	189000		0.84	Agreement
37	3/13/2006	D-06-1-37	1320	310	430	T6	1200		0.91	Agreement
38	4/14/2006	D-06-2-01	<MDC		180	DSP-34A	<MDC		n/a	Agreement
39	4/14/2006	D-06-2-02	<MDC		180	DSP-34B	<MDC		n/a	Agreement
40	4/14/2006	D-06-2-03	680	130	180	*D-23	681	135	1.00	Agreement
41	4/14/2006	D-06-2-04	<MDC		180	D-31	<MDC		n/a	Agreement
42	4/14/2006	D-06-2-05	<MDC		180	*D-35	<MDC		n/a	Agreement
43	4/14/2006	D-06-2-06	<MDC		180	*D-51	<MDC		n/a	Agreement
44	4/14/2006	D-06-2-07	<MDC		180	*D-52	<MDC		n/a	Agreement
45	4/27/2006	D-06-3-01	< MDC		190	E-5	800		n/a	Non-agreement
						E-5 Recount	< MDC		n/a	Agreement
46	4/27/2006	D-06-3-02	155700	4200	290	T-6	125200		0.80	Agreement
47	4/27/2006	D-06-3-03	90400	2400	220	W-2R	84000		0.93	Agreement

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		Sample ID	Tritium pCi/L ± uncertainty		MDC	Sample ID	Tritium pCi/L ± uncertainty			
48	4/27/2006	D-06-3-04	341100	9200	440	W-3	265500		0.78	Non-agreement
						W-3 Recount	259600		0.76	Non-agreement
49	5/24/2006	D-06-4-01	< MDC		180	DSP-126	< MDC		n/a	Agreement
50	5/24/2006	D-06-4-03	< MDC		180	DSP-153	< MDC		n/a	Agreement
51	5/25/2006	D-06-4-05	< MDC		180	DSP-118	< MDC		n/a	Agreement
52	5/25/2006	D-06-4-07	< MDC		180	DSP-158S	< MDC		n/a	Agreement
53	5/31/2006	D-06-5-05	3810	210	190	MW-DN-109I	3620	413	0.95	Agreement
54	5/31/2006	D-06-5-06	< MDC		190	MW-DN-109S	251	120	n/a	Agreement
55	5/31/2006	D-06-5-07	690	130	190	MW-DN-111S	638	140	0.92	Agreement
56	5/31/2006	D-06-5-08	980	140	190	MW-DN-107S	1040	165	1.06	Agreement
57	5/26/2006	D-06-5-09	13990	480	190	DSP-123	13100	318	0.94	Agreement
58	5/26/2006	D-06-5-10	10830	400	190	DSP-124	10000	284	0.92	Agreement
59	5/26/2006	D-06-5-11	< MDC		190	MW-DN-101S	220	114	n/a	Agreement
60	5/26/2006	D-06-5-12	4900	240	190	MW-DN-101I	4570	208	0.93	Agreement
61	5/26/2006	D-06-5-13	< MDC		190	MW-DN-108I	< MDC		n/a	Agreement
62	5/24/2006	D-06-5-14	< MDC		190	DSP-150	< MDC		n/a	Agreement
63	5/24/2006	D-06-5-15	< MDC		190	DSP-151	< MDC		n/a	Agreement
64	5/24/2006	D-06-5-16	2060	170	190	DSP-108	1930	244	0.94	Agreement
65	6/1/2006	D-06-5-17	< MDC		190	SW-DN-105	< MDC		n/a	Agreement
66	6/1/2006	D-06-5-18	< MDC		190	SW-DN-104	< MDC		n/a	Agreement
67	6/1/2006	D-06-5-19	< MDC		190	SW-DN-106	< MDC		n/a	Agreement
68	5/31/2006	D-06-5-20	610	130	190	DSP-149R	668	144	1.10	Agreement
69	5/31/2006	D-06-5-21	< MDC		190	SW-DN-103	< MDC		n/a	Agreement
70	5/31/2006	D-06-5-22	< MDC		190	DSP-159S	< MDC		n/a	Agreement
71	5/31/2006	D-06-5-23	< MDC		190	SW-DN-101	< MDC		n/a	Agreement

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		Sample ID	Tritium pCi/L $\pm$ uncertainty		MDC	Sample ID	Tritium pCi/L $\pm$ uncertainty			
72	5/31/2006	D-06-5-24	< MDC		190	SW-DN-102	< MDC		n/a	Agreement
73	5/30/2006	D-06-5-25	< MDC		180	DSP-147	< MDC		n/a	Agreement
74	5/30/2006	D-06-5-26	< MDC		190	DSP-148	356	111	n/a	Agreement
75	5/30/2006	D-06-5-27	250	110	190	DSP-156	< MDC		n/a	Agreement
76	5/26/2006	D-06-5-28	< MDC		190	MW-DN-103S	< MDC		n/a	Agreement
77	5/26/2006	D-06-5-29	< MDC		190	MW-DN-103S (Dup)	< MDC		n/a	Agreement
78	5/26/2006	D-06-5-30	430	120	180	MW-DN-103I	< MDC		n/a	Agreement
79	5/26/2006	D-06-5-31	< MDC		190	MW-DN-106S	< MDC		n/a	Agreement
80	5/26/2006	D-06-5-32	< MDC		190	DSP-121	< MDC		n/a	Agreement
81	5/26/2006	D-06-5-33	< MDC		190	DSP-117	< MDC		n/a	Agreement
82	5/24/2006	D-06-5-34	< MDC		190	DSP-153	< MDC		n/a	Agreement
83	5/23/2006	D-06-5-35	< MDC		180	DSP-152	< MDC		n/a	Agreement
84	5/23/2006	D-06-5-36	< MDC		190	DSP-157M	< MDC		n/a	Agreement
85	5/23/2006	D-06-5-37	< MDC		190	DSP-157S	< MDC		n/a	Agreement
86	6/1/2006	D-06-5-38	1560	150	190	MW-DN-102I	1380	195	0.88	Agreement
87	6/1/2006	D-06-5-39	4260	230	190	MW-DN-102S	4250	475	1.00	Agreement
88	6/1/2006	D-06-5-40	< MDC		180	MW-DN-105S	< MDC		n/a	Agreement
89	6/1/2006	D-06-5-41	430	120	190	DSP-125	320	127	0.74	Agreement
90	5/30/2006	D-06-5-42	< MDC		190	DSP-127	< MDC		n/a	Agreement
91	5/30/2006	D-06-5-43	< MDC		190	MW-DN-110S	< MDC		n/a	Agreement
92	5/30/2006	D-06-5-44	680	130	190	MW-DN-110I	516	134	0.76	Agreement
93	5/30/2006	D-06-5-45	290	110	180	MW-DN-104S	< MDC		n/a	Agreement
94	5/23/2006	D-06-5-46	320	110	180	DSP-105	319	117	1.00	Agreement
95	5/23/2006	D-06-5-47	2790	180	180	DSP-106	2370	289	0.85	Agreement
96	5/23/2006	D-06-5-48	9900	370	180	DSP-107	9820	1030	0.99	Agreement
97	5/25/2006	D-06-5-49	< MDC		180	DSP-154	< MDC		n/a	Agreement

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		Sample ID	Tritium pCi/L ± uncertainty		MDC	Sample ID	Tritium pCi/L ± uncertainty			
98	5/25/2006	D-06-5-50	< MDC		180	DSP-158M	< MDC		n/a	Agreement
99	5/25/2006	D-06-5-51	< MDC		180	DSP-158S	< MDC		n/a	Agreement
100	5/25/2006	D-06-5-52	< MDC		180	DSP-126	< MDC		n/a	Agreement
101	5/25/2006	D-06-5-53	< MDC		180	DSP-118	< MDC		n/a	Agreement
102	5/25/2006	D-06-5-54	< MDC		180	DSP-155	< MDC		n/a	Agreement
103	5/25/2006	D-06-5-55	1590	150	180	DSP-122	1440	139	0.91	Agreement
104	7/14/2006	D-06-6-01	720	120	180	*D-23	507	135	0.70	Agreement
105	7/14/2006	D-06-6-02	< MDC		180	DSP-31	< MDC		n/a	Agreement
106	7/14/2006	D-06-6-03	< MDC		180	DSP-34A	< MDC		n/a	Agreement
107	7/14/2006	D-06-6-04	< MDC		180	DSP-34B	< MDC		n/a	Agreement
108	7/14/2006	D-06-6-05	< MDC		180	*D-51	+		n/a	Agreement
109	7/14/2006	D-06-6-06	< MDC		180	*D-35	< MDC		n/a	Agreement
110	7/14/2006	D-06-6-07	< MDC		180	*D-52	+		n/a	Agreement

MDC - Minimum Detectable Concentration

\* REMP Sample Locations

+ Licensee quarterly composites of weekly grab samples that had not been analyzed.

Recount 1 - NRC and licensee recount of the same sample.

Recount 2 - NRC recount of the licensee's split sample.

Samples D-06-5-01 through D-06-5-04 were reviewed as part of Batch D-06-1

04/14/2006 & 07/14/2006 Data: D-51 & D-52 are monthly composites of weekly grab samples.

NRC sample uncertainties are based on two sigma counting statistics.