

Scott,

25-Mar-10

Subject: List of Historical Leaks and Spills At U.S. Commercial Nuclear Power Plants

This is a list of plants that have had a leak or spill to the environment at some time since initial startup. The list only includes those spills or leaks where the tritium in the leak source or the tritium in the groundwater sample was greater than 20,000 pCi/l. It does not contain routine releases.

The concentrations listed are approximate historical maximums, and some numbers have been rounded off for clarity. Although there may be some data in the historical records showing concentrations slightly different than the values listed, the values shown provide a reasonable perspective of the historical leaks. The numbers listed are for on-site sample points, and none of these results are from drinking water wells. As a result, a value of 20,000 pCi/l in this list does not mean it exceeded EPA's safe drinking water standard.

Many of these leaks or spills occurred many years ago, and this list does not reflect the current (2010) status of these plants. We are gathering the current information, but that will take some additional time, and you wanted this data today. Some plants are listed as >20,000 pCi/l because that is the best data available at this time. We will be able to find the exact values later; I just don't have them today. Similarly, some dates are blank because that information has not been fully researched yet.

#	Plant	Approximate Historical Maximum Concentration pCi/l	Approx Date
1	Braidwood	247,000	1998
2	Brunswick	1,300,000	2007
3	Callaway	29,000	
4	Catawba	30,600	2005
5	Columbia	>20,000	2006
6	Davis-Besse	24,000	1990
7	Dresden	3,200,000	2004
8	Fitzpatrick, J. A.	>20,000	1991
9	Fort Calhoun	110,000	2007
0	GINNA R.E.	20,000	
11	Hatch, Edwin, I.	>20,000	1986
12	Indian Point	600,000	2005
13	Kewaunee	>20,000	2006
14	Millstone	34,000	
15	Monticello	21,300	2009
16	Oconee	34,500	2010
17	Oyster Creek	6,000,000	2009
18	Palisades	34,600	
19	Palo Verde	4,200,000	1993
20	Peach Bottom	123,000	
21	Perry	59,900	2006
22	Quad Cities	3,000,000	2008
23	River Bend	28,000	2008
24	Salem	15,000,000	2002

H-83

25	Seabrook	750,000	1999
26	St. Lucie	161,000	2000
27	Surry	31,900	2007
28	Susquehanna	>20,000	1995
29	Turkey Point	>20,000	1979
30	Vermont Yankee	2,500,000	2010
31	Vogtle	>20,000	1990s
32	Waterford	>20,000	1997
33	Watts Bar	397,600	2005