

Estimate of Released Source Term for TMI

50-320
R Blond
RES/PAS

Day 1

1 Day

8000 gals of Brine
at t=24

428.	24	2.37E-02	5.83E-20	5.35E+04	2.57E-12
400.	1	3.01E+06	5.18E+05	5.59E+05	1.33E+06
401.	2	1.36E+06	4.36E+04	7.44E+05	3.31E+05
402.	3	6.17E+05	3.67E+03	7.67E+05	6.40E+04
403.	4	2.79E+05	3.09E+02	7.25E+05	1.13E+04
404.	5	1.27E+05	2.60E+01	6.59E+05	1.93E+03
405.	6	5.73E+04	2.19E+00	5.99E+05	3.23E+02
406.	7	2.60E+04	1.84E-01	5.21E+05	5.36E+01
407.	8	1.19E+04	1.55E-02	4.59E+05	9.86E+00
408.	9	5.33E+03	1.31E-03	4.04E+05	1.46E+00
409.	10	2.41E+03	1.10E-04	3.55E+05	2.41E-01
410.	11	1.09E+03	9.25E-05	3.11E+05	3.96E-02
411.	12	4.95E+02	7.78E-07	2.73E+05	6.52E-03
412.	13	2.24E+02	6.55E-09	2.39E+05	1.07E-03
413.	14	1.02E+02	5.51E-09	2.10E+05	1.77E-04
414.	15	4.60E+01	4.64E-10	1.84E+05	2.91E-05
415.	16	2.03E+01	3.90E-11	1.63E+05	4.79E-06
416.	17	9.44E+00	3.29E-12	1.42E+05	7.96E-07
417.	18	4.27E+00	2.77E-13	1.24E+05	1.29E-07
418.	19	1.94E+00	2.33E-14	1.09E+05	2.13E-08
419.	20	8.77E-01	1.96E-15	9.55E+04	3.50E-09
420.	21	3.97E-01	1.65E-16	8.38E+04	5.76E-10
421.	22	1.80E-01	1.39E-17	7.35E+04	9.48E-11
422.	23	8.15E-02	1.17E-18	6.44E+04	1.56E-11
423.	24	3.69E-02	9.83E-20	5.65E+04	2.57E-12

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Estimate of Released Source Term for TMI

	+3	T-133	I-135	Kr-131	Kr-135
400.	1	1.31E+07	1.35E+07	1.00E+05	1.03E+05
401.	2	1.75E+07	1.22E+07	1.95E+05	1.89E+05
402.	3	1.59E+07	1.10E+07	2.89E+05	2.50E+05
403.	4	1.54E+07	9.95E+06	3.79E+05	3.17E+05
404.	5	1.53E+07	8.97E+06	4.54E+05	3.62E+05
405.	6	1.53E+07	8.10E+06	5.45E+05	3.99E+05
406.	7	1.48E+07	7.30E+06	5.25E+05	4.25E+05
407.	8	1.43E+07	5.59E+06	7.01E+05	4.44E+05
408.	9	1.39E+07	5.94E+06	7.74E+05	4.57E+05
409.	10	1.34E+07	5.36E+06	8.45E+05	4.56E+05
410.	11	1.30E+07	4.83E+06	9.12E+05	4.59E+05
411.	12	1.25E+07	4.35E+06	9.77E+05	4.57E+05
412.	13	1.22E+07	3.93E+06	1.04E+06	4.54E+05
413.	14	1.19E+07	3.55E+06	1.10E+06	4.57E+05
414.	15	1.14E+07	3.20E+06	1.15E+06	4.49E+05
415.	16	1.10E+07	2.89E+06	1.21E+06	4.39E+05
416.	17	1.05E+07	2.60E+06	1.26E+06	4.25E+05
417.	18	1.03E+07	2.35E+06	1.31E+06	4.13E+05
418.	19	9.97E+06	2.12E+06	1.35E+06	3.99E+05
419.	20	9.54E+06	1.91E+06	1.41E+06	3.85E+05
420.	21	9.33E+06	1.72E+06	1.45E+06	3.70E+05
421.	22	9.03E+06	1.55E+06	1.49E+06	3.55E+05
422.	23	8.74E+06	1.40E+06	1.53E+06	3.40E+05
423.	24	8.45E+06	1.26E+06	1.57E+06	3.25E+05

24000 gals of
Primary Coolant
for 3 hours

S0-320
R Blond
RES/DAS

Estimate of Reduced Service Term for TM1

SO-320
R. Blond
RES/PAS

16000 gallons
Primary
No. 1000

	+2	I-133	I-135	X-133	X-135
400.	1	1.24E+07	1.00E+07	5.89E+04	7.55E+05
401.	2	1.20E+07	9.05E+06	1.35E+05	1.40E+05
402.	3	1.15E+07	8.15E+06	1.99E+05	1.92E+05
403.	4	1.13E+07	7.35E+06	2.30E+05	2.34E+05
404.	5	1.09E+07	5.54E+06	3.19E+05	2.55E+05
405.	5	1.05E+07	5.99E+06	3.75E+05	2.94E+05
406.	7	1.02E+07	5.40E+06	4.30E+05	3.14E+05
407.	8	9.85E+06	4.97E+06	4.93E+05	3.29E+05
408.	9	9.54E+06	4.40E+06	5.33E+05	3.44E+05
409.	10	9.23E+06	3.95E+06	5.81E+05	3.45E+05
410.	11	8.93E+06	3.58E+06	6.29E+05	3.45E+05
411.	12	8.54E+06	3.23E+06	6.72E+05	3.45E+05
412.	13	8.35E+06	2.91E+06	7.15E+05	3.43E+05
413.	14	8.09E+06	2.52E+06	7.55E+05	3.39E+05
414.	15	7.83E+06	2.37E+06	7.95E+05	3.32E+05
415.	16	7.57E+06	2.14E+06	8.33E+05	3.24E+05
416.	17	7.33E+06	1.93E+06	8.69E+05	3.15E+05
417.	18	7.09E+06	1.74E+06	9.03E+05	3.05E+05
418.	19	6.86E+06	1.57E+06	9.35E+05	2.95E+05
419.	20	6.54E+06	1.41E+06	9.69E+05	2.85E+05
420.	21	6.42E+06	1.29E+06	9.99E+05	2.74E+05
421.	22	6.21E+06	1.15E+06	1.03E+06	2.63E+05
422.	23	6.01E+06	1.04E+06	1.06E+06	2.52E+05
423.	24	5.82E+06	9.35E+05	1.09E+06	2.41E+05

Estimate of Reduced Snow Dam for TM1

50-320
R Blond
PES/PAS

32000 a line
of heavy contact
in 4 hours

399.	1	32E+07	1.	53E+07	1.	39E+05	1.	24E+05
399.	3	35E+07	1.	47E+07	2.	53E+05	2.	28E+05
400.	3	17E+07	1.	33E+07	3.	72E+05	3.	13E+05
401.	4	10E+07	1.	20E+07	4.	86E+05	3.	91E+05
402.	5	03E+07	1.	08E+07	5.	97E+05	4.	36E+05
403.	5	97E+07	9.	75E+05	7.	02E+05	4.	79E+05
404.	5	80E+07	1.	63E+05	8.	04E+05	5.	11E+05
405.	5	78E+07	1.	63E+05	9.	02E+05	5.	35E+05
406.	5	78E+07	7.	15E+05	9.	92E+05	5.	51E+05
407.	9	73E+07	5.	45E+05	1.	09E+05	5.	50E+05
408.	10	57E+07	5.	32E+05	1.	17E+05	5.	54E+05
409.	11	52E+07	5.	25E+05	1.	26E+05	5.	53E+05
410.	13	55E+07	4.	74E+05	1.	34E+05	5.	53E+05
411.	14	51E+07	4.	27E+05	1.	41E+05	5.	50E+05
412.	15	45E+07	3.	95E+05	1.	49E+05	5.	40E+05
413.	15	42E+07	3.	49E+05	1.	56E+05	5.	27E+05
414.	17	37E+07	3.	14E+05	1.	62E+05	5.	13E+05
415.	18	33E+07	2.	63E+05	1.	68E+05	4.	97E+05
416.	19	38E+07	2.	55E+05	1.	75E+05	4.	84E+05
417.	19	34E+07	2.	30E+05	1.	81E+05	4.	45E+05
418.	19	20E+07	1.	03E+05	1.	87E+05	4.	46E+05
419.	19	15E+07	1.	97E+05	1.	92E+05	4.	28E+05
420.	3	09E+07	1.	52E+05	2.	02E+05	3.	92E+05
421.	4							

Estimate of Retained Sinter Burn for 2M1

50-320
E Blend
Res/pas

40000 gallons of

Burn Contact

for 5 hours

400.	1	7.93E+07	4.49E+07	4.40E+05	3.42E+05
401.	2	7.68E+07	4.05E+07	8.63E+05	5.23E+05
402.	3	7.43E+07	3.65E+07	1.27E+05	8.59E+05
403.	4	7.19E+07	3.29E+07	1.63E+05	1.05E+07
404.	5	6.95E+07	2.97E+07	2.04E+05	1.20E+07
405.	6	6.73E+07	2.68E+07	2.40E+05	1.32E+07
406.	7	6.51E+07	2.42E+07	2.75E+05	1.41E+07
407.	8	6.30E+07	2.19E+07	3.08E+05	1.47E+07
408.	9	6.09E+07	1.97E+07	3.40E+05	1.51E+07
409.	10	5.90E+07	1.77E+07	3.71E+05	1.54E+07
410.	11	5.72E+07	1.50E+07	4.01E+05	1.55E+07
411.	12	5.54E+07	1.44E+07	4.29E+05	1.55E+07
412.	13	5.34E+07	1.30E+07	4.56E+05	1.53E+07
413.	14	5.17E+07	1.17E+07	4.83E+05	1.51E+07
414.	15	5.00E+07	1.05E+07	5.09E+05	1.48E+07
415.	16	4.84E+07	9.55E+05	5.35E+05	1.45E+07
416.	17	4.68E+07	8.52E+05	5.55E+05	1.41E+07
417.	18	4.53E+07	7.77E+05	5.77E+05	1.37E+07
418.	19	4.38E+07	7.01E+05	5.98E+05	1.32E+07
419.	20	4.24E+07	5.33E+05	5.18E+05	1.27E+07
420.	21	4.10E+07	5.71E+05	5.33E+05	1.27E+07
421.	22	3.97E+07	5.15E+05	5.53E+05	1.3E+07
422.	23	3.84E+07	4.64E+05	5.74E+05	1.3E+07
423.	24	3.71E+07	4.19E+05	5.91E+05	1.09E+07
Net					

Estimate of Released Source Term for TMI

50-320
R. Blond
RES/PAS

400.	+1	7-123		
401.	1	5.42E+05	5.55E+05	3.55E+04
402.	2	5.22E+05	5.01E+05	3.99E+04
403.	3	5.01E+05	4.52E+05	1.03E+05
404.	4	5.32E+05	4.08E+05	1.35E+05
405.	5	5.53E+05	3.68E+05	1.65E+05
406.	6	5.45E+05	3.32E+05	1.94E+05
407.	7	5.27E+05	2.99E+05	2.23E+05
408.	8	5.10E+05	2.70E+05	2.50E+05
409.	9	4.93E+05	2.44E+05	2.76E+05
410.	10	4.77E+05	2.20E+05	3.01E+05
411.	11	4.62E+05	1.99E+05	3.25E+05
412.	12	4.47E+05	1.79E+05	3.49E+05
413.	13	4.32E+05	1.61E+05	3.70E+05
414.	14	4.18E+05	1.45E+05	3.91E+05
415.	15	4.05E+05	1.31E+05	4.11E+05
416.	16	3.92E+05	1.19E+05	4.31E+05
417.	17	3.79E+05	1.07E+05	4.49E+05
418.	18	3.67E+05	9.63E+04	4.67E+05
419.	19	3.55E+05	8.68E+04	4.84E+05
420.	20	3.43E+05	7.93E+04	5.01E+05
421.	21	3.32E+05	7.06E+04	5.16E+05
422.	22	3.21E+05	6.37E+04	5.31E+05
423.	23	3.11E+05	5.75E+04	5.46E+05
	24	3.01E+05	5.18E+04	5.59E+05

8000 go
Primary
Hours
1 Hour