

ATTACHMENT 2:

LOADED CASKS AT THE SONGS ISFSI

LOADING ORDER	DSC SERIAL No.	AHSM No.	UNIT FUEL	DATE ON PAD	HEAT LOAD (Kw)	BURNUP (GWd/MTU)	MAXIMUM FUEL ENRICHMENT %	PERSON-REM DOSE
1	DSC003	001	Unit 1	10/03/03	9.35	36.0	4.0006	1.366
2	DSC007	002	Unit 1	11/07/03	9.36	37.3	4.0006	0.667
3	DSC005	003	Unit 1	11/19/03	9.31	37.0	4.0006	0.681
4	DSC006	004	Unit 1	12/12/03	8.84	37.6	4.0006	0.673
5	DSC009	005	Unit 1	01/03/04	8.34	34.9	4.0006	0.695
6	DSC008	006	Unit 1	05/23/04	7.50	40.0	4.02	1.021
7	DSC011	007	Unit 1	06/06/04	7.46	37.6	4.02	1.043
8	DSC010	008	Unit 1	06/20/04	8.08	38.5	4.02	0.776
9	DSC012	009	Unit 1	07/03/04	8.44	38.1	4.02	0.734
10	DSC014	010	Unit 1	07/18/04	7.74	36.7	4.02	0.689
11	DSC015	011	Unit 1	07/30/04	7.46	38.8	4.02	0.633
12	DSC013	012	Unit 1	08/16/04	8.45	40.6	4.02	0.545
13	DSC016	013	Unit 1	08/20/04	7.87	40.3	4.02	0.560
14	DSC017	014	Unit 1	08/31/04	7.23	43.2	4.02	0.348
15	DSC018	015	Unit 1 GTCC	09/02/04	N/A	N/A	N/A	0.555
16	DSC002	016	Unit 1	05/29/05	7.37	42.8	4.00	0.570

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17	DSC004	017	Unit 1	06/10/05	8.15	38.3	4.00	0.431
18	DSC001	018	Unit 1	06/28/05	8.11	41.8	4.00	0.453
19	DSC019	019	Unit 2	03/06/07	11.96	48.3	4.04	0.849
20	DSC020	020	Unit 2	03/19/07	12.05	44.8	3.97	0.819
21	DSC021	021	Unit 2	04/05/07	12.13	44.8	3.97	0.502
22	DSC022	022	Unit 2	04/16/07	10.51	38.5	3.95	0.262
23	DSC023	023	Unit 2	04/30/07	11.89	38.6	3.96	0.308
24	DSC024	024	Unit 2	05/14/07	11.07	41.1	3.97	0.192
25	DSC025	025	Unit 2	05/29/07	9.66	38.3	3.97	0.126
26	DSC026	026	Unit 3	03/05/08	8.29	38.2	3.96	0.149
27	DSC027	027	Unit 3	03/18/08	9.99	38.2	3.96	0.262
28	DSC028	028	Unit 3	04/01/08	9.68	37.1	3.96	0.217
29	DSC029	029	Unit 3	04/23/08	11.14	50.1	3.97	0.275
30	DSC030	030	Unit 3	05/29/08	8.49	36.7	3.96	0.143
31	DSC031	031	Unit 3	06/09/08	7.78	29.5	3.46	0.074
32	DSC032	032	Unit 2	03/19/09	12.37	46.0	4.49	0.328
33	DSC033	033	Unit 2	04/08/09	12.85	42.5	4.49	0.177
34	DSC034	034	Unit 2	04/30/09	13.64	42.9	4.49	0.248
35	DSC035	035	Unit 2	05/13/09	13.0	45.8	4.48	0.180

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36	DSC036	036	Unit 2	05/30/09	14.71	46.0	4.49	0.220
37	DSC037	037	Unit 3	05/13/10	13.16	48.0	4.6	0.360
38	DSC038	038	Unit 3	05/26/10	14.46	46.0	4.6	0.342
39	DSC039	039	Unit 3	06/09/10	13.16	48.0	4.5	0.278
40	DSC040	040	Unit 3	06/21/10	15.04	47.0	4.6	0.326
41	DSC041	041	Unit 3	07/03/10	15.26	47.0	4.6	0.326
42	DSC042	042	Unit 3	07/13/10	15.39	47.0	4.6	0.288
43	DSC043	043	Unit 2	07/11/11	7.81	44.7	4.45	0.159
44	DSC044	044	Unit 2	07/26/11	8.75	42.8	4.44	0.127
45	DSC045	045	Unit 2	08/08/11	8.76	43.7	4.45	0.107
46	DSC046	046	Unit 2	08/26/11	8.78	43.7	4.44	0.114
47	DSC047	047	Unit 2	09/10/11	8.88	41.8	4.16	0.095
48	DSC048	048	Unit 3	05/23/12	8.06	40.6	3.96	0.131
49	DSC049	049	Unit 3	06/16/12	12.24	45.4	4.25	0.265
50	DSC050	050	Unit 3	06/28/12	12.31	44.6	4.49	0.157
51	DSC051	051	Unit 3	07/08/12	13.16	51.4	4.55	0.175

NOTES:

- Heat load (Kw) is the sum of the heat load values for all spent fuel assemblies in the cask.
- Burn-up is the value for the spent fuel assembly with the highest individual discharge burn-up plus 7% to account for uncertainty.
- Maximum fuel enrichment is for the spent fuel assembly with the highest average initial enrichment per cent of U-235.